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流体技术 杰出的解决方案

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AIGNEP

50000 系列

快插接头



应用

- 气动自动化
- 汽车制造
- 纺织, 包装
- 压缩空气回路
- 真空



部件及材料

- 铜镀镍本体
- 缩醛树脂释放环
- AISI301不锈钢夹爪
- NBR密封



工作压力

- 0.99 bar (-0.099 MPa)
- 20 bar (2.0 MPa)



工作温度

- 20 °C
- + 80 °C



适合流体

- 压缩空气
- 真空



连接管

塑料软管：
尼龙6、尼龙11、尼龙12、PE（聚醚）管、*PU（聚氨酯）管、PTFE和FEP特氟龙管。
*PU管要求最小硬度邵氏98度。



螺纹

- 通用短锥螺纹
- 锥螺纹-符合 ISO 7.1、BS21及DIN2999 标准
- 直螺纹-符合 ISO 228-A 标准
- 公制螺纹-符合 ISO R/262 标准



参考标准

1907/2006
REACH ✓

2011/65/CE
RoHS ✓

97/23/CE
(PED)

ISO
14743:2004

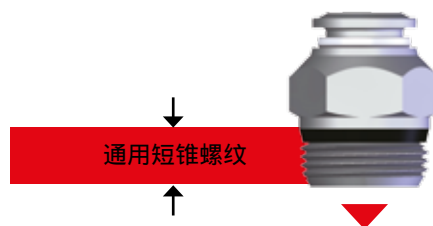
SILICON
FREE



通用短锥螺纹

通用短锥螺纹可为客户带来如下好处：

- 接头整体长度变短
- 相比直螺纹，六角尺寸更小
- 可与不同的锥螺纹和直螺纹内螺纹完美连接，包括美制NPT、英制BSPT和BSPP内螺纹等。



NPT NPTF	ISO 7 BSPP	ISO 7 BSPT PT	ISO 228 BSP PF
60度锥管螺纹	55度直管螺纹	55度锥管螺纹	55度直管螺纹

即使连接面凹凸不平、斜面、有倒角和不同半径，依然可以紧密连接。



斜面



凹形



凸形

50000

外螺纹直通接头（通用短锥）



4 - 1/8	6 - 1/2	10 - 1/2
4 - 1/4	8 - 1/8	12 - 1/4
5 - 1/8	8 - 1/4	12 - 3/8
5 - 1/4	8 - 3/8	12 - 1/2
6 - 1/8	8 - 1/2	14 - 3/8
6 - 1/4	10 - 1/4	14 - 1/2
6 - 3/8	10 - 3/8	

50010

外螺纹直通接头-无外六角



3 - M5	4 - M7x1	6 - 1/4
4 - M5	6 - M5	8 - 1/8
4 - 1/8	6 - 1/8	8 - 1/4

50020

外螺纹直通接头（直螺纹）



3 - M5	6 - 1/4	12 - 1/4
4 - M3	6 - 3/8	12 - 3/8
4 - M5	6 - 1/2	12 - 1/2
4 - 1/8	8 - 1/8	14 - 3/8
4 - 1/4	8 - 1/4	14 - 1/2
5 - M5	8 - 3/8	6 - M12x1
5 - 1/8	8 - 1/2	6 - M12x1.25
5 - 1/4	10 - 1/4	6 - M12x1.5
6 - M5	10 - 3/8	8 - M12x1.5
6 - 1/8	10 - 1/2	

50030

内螺纹直通接头



3 - M5	6 - 1/8	10 - 1/4
4 - M5	6 - 1/4	10 - 3/8
4 - 1/8	8 - 1/8	10 - 1/2
4 - 1/4	8 - 1/4	12 - 3/8
5 - 1/8	8 - 3/8	12 - 1/2

50040

管对管直通接头



3	6	10
4	8 - 6	12 - 10
5	8	12
6 - 4	10 - 8	14

50050

穿板式管对管直通接头



3	6	12
4	8	14
5	10	

50100

外螺纹直角接头（锥螺纹）



4 - M5	6 - 1/8	10 - 1/4
4 - 1/8	6 - 1/4	10 - 3/8
5 - M5	8 - 1/8	12 - 1/4
5 - 1/8	8 - 1/4	12 - 3/8

50106

可旋转内螺纹直角接头



4 - 1/8	8 - 1/8
4 - 1/4	8 - 1/4
6 - 1/8	8 - 3/8
6 - 1/4	

50111

可旋转外螺纹直角接头（通用短锥）



4 - 1/8	8 - 1/4	12 - 3/8
4 - 1/4	8 - 3/8	12 - 1/2
5 - 1/8	8 - 1/2	14 - 3/8
6 - 1/8	10 - 1/4	14 - 1/2
6 - 1/4	10 - 3/8	
8 - 1/8	10 - 1/2	

50116

外螺纹直角接头（直螺纹）



3 - M5	8 - 1/8	12 - 1/2
4 - M5	8 - 1/4	14 - 3/8
4 - 1/8	8 - 3/8	14 - 1/2
4 - 1/4	8 - 1/2	6 - M12x1
5 - M5	10 - 1/4	6 - M12x1.25
5 - 1/8	10 - 3/8	6 - M12x1.5
6 - M5	10 - 1/2	8 - M12x1.5
6 - 1/8	12 - 1/4	
6 - 1/4	12 - 3/8	

50121

可旋转外螺纹直角接头
加长型（通用短锥）



4 - 1/8	6 - 1/4	10 - 1/4
4 - 1/4	8 - 1/8	10 - 3/8
5 - 1/8	8 - 1/4	
6 - 1/8	8 - 3/8	

50126

可旋转外螺纹直角接头
加长型（直螺纹）



4 - 1/8	6 - 1/4	10 - 1/4
4 - 1/4	8 - 1/8	10 - 3/8
5 - 1/8	8 - 1/4	
6 - 1/8	8 - 3/8	

50130

管对管直角接头



3	6	12
4	8	14
5	10	

50200

正T型外螺纹三通接头（锥螺纹）



4 - M5	8 - 1/8	12 - 1/4
4 - 1/8	8 - 1/4	12 - 3/8
5 - 1/8	10 - 1/4	
6 - 1/8	10 - 3/8	

50211

正T型外螺纹三通接头
可旋转（通用短锥）



4 - 1/8	8 - 1/4	12 - 3/8
4 - 1/4	8 - 3/8	12 - 1/2
5 - 1/8	8 - 1/2	14 - 3/8
6 - 1/8	10 - 1/4	14 - 1/2
6 - 1/4	10 - 3/8	
8 - 1/8	10 - 1/2	

50216

正T型外螺纹三通接头
可旋转（直螺纹）



3 - M5	6 - 1/4	12 - 3/8
4 - M5	8 - 1/8	12 - 1/2
4 - 1/8	8 - 1/4	14 - 3/8
4 - 1/4	8 - 3/8	14 - 1/2
5 - M5	8 - 1/2	6 - M12x1
5 - 1/8	10 - 1/4	6 - M12x1.25
6 - M5	10 - 3/8	6 - M12x1.5
6 - 1/8	10 - 1/2	

50223

直T型外螺纹三通接头
可旋转（通用短锥）



4 - 1/8	8 - 1/8	10 - 3/8
4 - 1/4	8 - 1/4	10 - 1/2
5 - 1/8	8 - 3/8	12 - 3/8
6 - 1/8	8 - 1/2	12 - 1/2
6 - 1/4	10 - 1/4	

50226

直T型外螺纹三通接头
可旋转（直螺纹）



3 - M5	6 - 1/8	10 - 3/8
4 - M5	6 - 1/4	10 - 1/2
4 - 1/8	8 - 1/8	12 - 3/8
4 - 1/4	8 - 1/4	12 - 1/2
5 - M5	8 - 3/8	6 - M12x1
5 - 1/8	8 - 1/2	6 - M12x1.25
6 - M5	10 - 1/4	6 - M12x1.5

50230

管对管T型三通接头



3	6	12
4	8	14
5	10	

50310

管对管Y型三通接头



3	5	8
4	6	10

50500
直角螺栓接头



3 - M5	5 - 1/8	8 - 1/4
3 - M6	5 - 1/4	8 - 3/8
4 - M5	6 - M5	10 - 1/4
4 - M6	6 - M6	10 - 3/8
4 - 1/8	6 - 1/8	12 - 3/8
5 - M5	6 - 1/4	12 - 1/2
5 - M6	8 - 1/8	14 - 1/2

50510
T型螺栓接头



4 - M5	5 - 1/8	6 - 1/4
4 - M6	5 - 1/4	8 - 1/8
4 - 1/8	6 - 1/8	8 - 1/4

50550
直角铰接式接头 可旋转



4 - 1/8	6 - 1/4
5 - 1/8	8 - 1/8
5 - 1/4	8 - 1/4
6 - 1/8	

50560
T型铰接式接头 可旋转



4 - 1/8	6 - 1/4
5 - 1/8	8 - 1/8
5 - 1/4	8 - 1/4
6 - 1/8	

51410
单螺栓



M5	3/8
M6	1/2
1/8	M12x1.5
1/4	

51420
双螺栓



1/8	1/2
1/4	M12x1.5
3/8	

51430
三螺栓



1/8
1/4
3/8
1/2

51440
单螺栓 内外螺纹



1/8 - 1/8
1/4 - 1/4
3/8 - 3/8

50600
外螺纹带尾管接头（直螺纹）



4 - M5	6 - 1/8	10 - 1/4
4 - 1/8	6 - 1/4	10 - 3/8
5 - M5	8 - 1/8	12 - 1/4
5 - 1/8	8 - 1/4	12 - 3/8
5 - 1/4	8 - 3/8	14 - 1/2
6 - M5	10 - 1/8	

50610
尼龙管塞



3	6	12
4	8	14
5	10	

50625
快插过渡接头



4	8
5	10
6	12

50700
大转小接头



4 - 3	8 - 4	10 - 8
5 - 4	8 - 6	12 - 8
6 - 4	10 - 4	12 - 10
6 - 5	10 - 6	

55800
埋入式接头



3	8
4	10
5	12
6	

55801
埋入式接头底座工具



3	8
4	10
5	12
6	

55802
埋入式接头安装工具



3	8
4	10
5	12
6	

50900
5通铝制分配座



4 - 1/8
6 - 1/8
6 - 1/4
8 - 1/4

50980
安全管夹



4 - (5/32)	10 - (3/8)
5	12 - (1/2)
6 - (1/4)	14
8 - (5/16)	

50990
拆卸工具



50006
通用短锥螺纹 密封圈



1/8
1/4
3/8
1/2

55000 系列

工程塑料快插接头



应用

- 机器人技术
- 汽车制造
- 纺织, 包装, 抓取
- 压缩空气回路
- 工业水
- 真空



参考标准

1907/2006
REACH ✓

2011/65/CE
RoHS ✓

97/23/CE
(PED)

ISO
14743:2004

SILICON
FREE



部件及材料

- 铜镀镍本体
- 缩醛树脂释放环
- AISI301不锈钢夹爪
- 工程塑料本体
- NBR密封



连接管

塑料软管：

尼龙6、尼龙11、尼龙12、PE（聚醚）管、*PU（聚氨酯）管、

*PTFE和FEP特氟龙管。

*PU管要求最小硬度邵氏98度。



工作压力

- 0.99 bar (-0.099 MPa)
20 bar (2.0 MPa)



螺纹

- 通用短锥螺纹（见 P.18）。
- 锥螺纹-符合 ISO7.1、BS21及DIN2999 标准
- 直螺纹-符合 ISO228-A 标准
- 公制螺纹-符合 ISO R/262 标准



工作温度

- 20 °C
+ 80 °C



适合流体

- 压缩空气
- 真空
- 水

图示



螺丝起子调节



手动调节

55000

外螺纹直通接头（通用短锥）



4 - 1/8	8 - 1/8	12 - 3/8
4 - 1/4	8 - 1/4	12 - 1/2
5 - 1/8	8 - 3/8	14 - 3/8
5 - 1/4	8 - 1/2	14 - 1/2
6 - 1/8	10 - 1/4	
6 - 1/4	10 - 3/8	
6 - 3/8	10 - 1/2	
6 - 1/2	12 - 1/4	

55010

外螺纹直通接头-无外六角



4 - 1/8	8 - 1/8
6 - 1/8	8 - 1/4
6 - 1/4	

50010N

外螺纹直通接头 无外六角（直螺纹）



3 - M5
4 - M5
4 - M7x1
6 - M5

50020N

外螺纹直通接头（直螺纹）



4 - M3	6 - 3/8	12 - 3/8
4 - M5	6 - 1/2	12 - 1/2
4 - 1/8	8 - 1/8	14 - 3/8
4 - 1/4	8 - 1/4	14 - 1/2
5 - M5	8 - 3/8	6 - M12x1
5 - 1/8	8 - 1/2	6 - M12x1.25
5 - 1/4	10 - 1/4	6 - M12x1.5
6 - M5	10 - 3/8	8 - M12x1.5
6 - 1/8	10 - 1/2	
6 - 1/4	12 - 1/4	

50030N

内螺纹直通接头



4 - M5	6 - 1/4	10 - 3/8
4 - 1/8	8 - 1/8	10 - 1/2
4 - 1/4	8 - 1/4	12 - 3/8
5 - 1/8	8 - 3/8	12 - 1/2
6 - 1/8	10 - 1/4	

55040

管对管直通接头



4	8 - 4	12
5	8 - 6	12 - 8
6	10	12 - 10
6 - 4	10 - 6	14
8	10 - 8	14 - 12

50050N

穿板式管对管直通接头



3 - M10x1	6 - M14x1	12 - M22x1
4 - M12x1	8 - M16x1	14 - M23x1
5 - M14x1	10 - M20x1	

55111

可旋转外螺纹直角接头（通用短锥）



4 - 1/8	8 - 1/8	12 - 1/4
4 - 1/4	8 - 1/4	12 - 3/8
5 - 1/8	8 - 3/8	12 - 1/2
6 - 1/8	8 - 1/2	14 - 3/8
6 - 1/4	10 - 1/4	14 - 1/2
6 - 3/8	10 - 3/8	
6 - 1/2	10 - 1/2	

55116

可旋转外螺纹直角接头（直螺纹）



4 - M3x0.5	6 - 1/8	10 - 1/4
4 - M5	6 - 1/4	10 - 3/8
4 - M7x1	6 - 3/8	10 - 1/2
4 - 1/8	6 - 1/2	12 - 1/4
4 - 1/4	8 - 1/8	12 - 3/8
5 - M5	8 - 1/4	12 - 1/2
5 - 1/8	8 - 3/8	14 - 3/8
6 - M5	8 - 1/2	14 - 1/2

55126

可旋转外螺纹直角接头
加长型（直螺纹）



4 - M5	6 - 1/8
4 - 1/8	8 - 1/8
6 - M5	8 - 1/4

55130

管对管直角接头



4 - 4	8 - 8	12 - 10
5 - 5	10 - 6	12 - 12
6 - 6	10 - 8	14 - 14
8 - 6	10 - 10	

55140

带尾管直角接头 可旋转



4 - 4	6 - 8	10 - 12
4 - 6	8 - 8	12 - 12
6 - 6	8 - 10	
6 - 4	10 - 10	

55150

带尾管直角接头 加长型 可旋转



4 - 4	6 - 4	10 - 10
4 - 6	8 - 8	10 - 12
6 - 6	8 - 10	12 - 12

55160

45度 带尾管接头 可旋转



4 - 4	10 - 10
6 - 6	12 - 12
8 - 8	

55170

45度 可旋转外螺纹直角接头
（通用短锥）



4 - 1/8	8 - 1/4	10 - 1/2
6 - 1/8	8 - 3/8	12 - 1/4
6 - 1/4	10 - 1/4	12 - 3/8
8 - 1/8	10 - 3/8	12 - 1/2

55175

45度 可旋转外螺纹直角接头
（直螺纹）



4 - M5	8 - 1/8	10 - 1/2
4 - 1/8	8 - 1/4	12 - 1/4
6 - M5	8 - 3/8	12 - 3/8
6 - 1/8	10 - 1/4	12 - 1/2
6 - 1/4	10 - 3/8	

55180

45度 管对管接头



4
6
8
10
12

55211

正T型外螺纹三通接头
可旋转（通用短锥）



4 - 1/8	8 - 1/4	12 - 3/8
4 - 1/4	8 - 3/8	12 - 1/2
5 - 1/8	10 - 1/4	14 - 3/8
6 - 1/8	10 - 3/8	14 - 1/2
6 - 1/4	10 - 1/2	
8 - 1/8	12 - 1/4	

55216

正T型外螺纹三通接头
可旋转（直螺纹）



4 - M5	6 - 1/4	12 - 1/4
4 - 1/8	8 - 1/8	12 - 3/8
4 - 1/4	8 - 1/4	12 - 1/2
5 - M5	8 - 3/8	14 - 3/8
5 - 1/8	10 - 1/4	14 - 1/2
6 - M5	10 - 3/8	
6 - 1/8	10 - 1/2	

55223

直T型外螺纹三通接头
可旋转（通用短锥）



4 - 1/8	8 - 1/4	12 - 3/8
4 - 1/4	8 - 3/8	12 - 1/2
5 - 1/8	10 - 1/4	14 - 3/8
6 - 1/8	10 - 3/8	14 - 1/2
6 - 1/4	10 - 1/2	
8 - 1/8	12 - 1/4	

55226

直T型外螺纹三通接头
可旋转（直螺纹）



4 - M5	6 - 1/4	12 - 1/4
4 - 1/8	8 - 1/8	12 - 3/8
4 - 1/4	8 - 1/4	12 - 1/2
5 - M5	8 - 3/8	14 - 3/8
5 - 1/8	10 - 1/4	14 - 1/2
6 - M5	10 - 3/8	
6 - 1/8	10 - 1/2	

55230

管对管T型三通接头



4	8-10-8	14
5	10	14-8-14
6	10-8-10	14-10-14
6-4-6	10-12-10	14-12-14
8	12	
8-6-8	12-10-12	

55235

带尾管直T型三通接头



4 - 4 - 4	10 - 10 - 10	6 - 8 - 8
6 - 6 - 6	12 - 12 - 12	8 - 10 - 10
8 - 8 - 8	4 - 6 - 6	10 - 12 - 12

新品

55237

带尾管正T型三通接头



新品

6 - 4
8 - 6
10 - 8
12 - 10

55240
带尾管正T型三通接头 可旋转


4 - 4	6 - 4	10 - 10
4 - 6	8 - 8	10 - 12
6 - 6	8 - 10	12 - 12

55325
外螺纹Y型接头 可旋转 (直螺纹)


4 - M5	6 - 1/4	10 - 3/8
4 - 1/8	8 - 1/8	10 - 1/2
4 - 1/4	8 - 1/4	12 - 3/8
6 - M5	8 - 3/8	12 - 1/2
6 - 1/8	10 - 1/4	

55350
T型5通变径接头


6 - 4	10 - 6
8 - 4	10 - 8
8 - 6	

55510
T型螺栓接头


4 - M5	5 - 1/4	8 - 1/8
4 - 1/8	6 - 1/8	8 - 1/4
5 - 1/8	6 - 1/4	

55430
三螺栓


1/8
1/4
3/8
1/2

50625
快插过渡接头


4	8
5	10
6	12

55310
管对管Y型三通接头


4 - 4	8 - 8	10 - 8
6 - 6	8 - 6	12 - 12
6 - 4	10 - 10	12 - 8

55330
Y型5通接头


4 - 4
4 - 6
6 - 6
6 - 8

55360
外螺纹T型5通变径接头
可旋转 (通用短锥)


6-4 - 1/8	8-6 - 1/8	10-8 - 1/4
6-4 - 1/4	8-6 - 1/4	10-8 - 3/8
8-4 - 1/8	10-6 - 1/4	
8-4 - 1/4	10-6 - 3/8	

55520
Y型螺栓接头


4 - 1/8	6 - 1/4	8 - 3/8
4 - 1/4	6 - 3/8	10 - 3/8
6 - 1/8	8 - 1/4	

55440
单螺栓 内外螺纹


1/8 - 1/8
1/4 - 1/4
3/8 - 3/8

55625
快插过渡接头 工程塑料


4	10
6	12
8	14

55315
带尾管Y型三通接头

新品



4 - 4	8 - 6	10 - 10
6 - 4	8 - 8	12 - 12
6 - 6	10 - 8	

55340
外螺纹Y型5通接头 可旋转 (通用短锥)


4 - 1/8
4 - 1/4
6 - 1/8
6 - 1/4

55365
外螺纹T型5通变径接头
可旋转 (直螺纹)


6-4 - 1/8	8-6 - 1/8	10-8 - 1/4
6-4 - 1/4	8-6 - 1/4	10-8 - 3/8
8-4 - 1/8	10-6 - 1/4	
8-4 - 1/4	10-6 - 3/8	

55410
单螺栓


M5	3/8
M6	1/2
1/8	M12x1.5
1/4	

50600
外螺纹带尾管接头 (直螺纹)


4 - M5	6 - 1/8	10 - 1/4
4 - 1/8	6 - 1/4	10 - 3/8
5 - M5	8 - 1/8	12 - 1/4
5 - 1/8	8 - 1/4	12 - 3/8
5 - 1/4	8 - 3/8	14 - 1/2
6 - M5	10 - 1/8	

50700N
大转小接头


4 - 3	8 - 4	10 - 8
5 - 4	8 - 6	12 - 8
6 - 4	10 - 4	12 - 10
6 - 5	10 - 6	

55320
外螺纹Y型接头 可旋转 (通用短锥)


4 - 1/8	8 - 1/8	10 - 3/8
4 - 1/4	8 - 1/4	10 - 1/2
6 - 1/8	8 - 3/8	12 - 3/8
6 - 1/4	10 - 1/4	12 - 1/2

55345
外螺纹Y型5通接头 可旋转 (直螺纹)


4 - 1/8
4 - 1/4
6 - 1/8
6 - 1/4

55500
直角螺栓接头


4 - M5	5 - 1/4	8 - 1/4
4 - M6	6 - M5	8 - 3/8
4 - 1/8	6 - M6	10 - 3/8
5 - M5	6 - 1/8	12 - 3/8
5 - M6	6 - 1/4	12 - 1/2
5 - 1/8	8 - 1/8	

55420
双螺栓


1/8	1/2
1/4	M12x1.5
3/8	

50610
尼龙管塞


3	6	12
4	8	14
5	10	

55700
大转小接头 工程塑料


6 - 4	10 - 8	14 - 8
8 - 4	12 - 6	14 - 10
8 - 6	12 - 8	14 - 12
10 - 6	12 - 10	

55705
小转大接头 工程塑料



4 - 6
6 - 8 8 - 10
10 - 12

55800N
埋入式接头



3 6 10
4 8 12
5

55801
埋入式接头底座工具



3 6 10
4 8 12
5

55802
埋入式接头安装工具



3 6 10
4 8 12
5

50900N
5通铝制分配座



4 - 1/8 6 - 1/4
6 - 1/8 8 - 1/4

50980
安全管夹



4 - (5/32) 8 - (5/16) 12 - (1/2)
5 10 - (3/8) 14
6 - (1/4)

50990
拆卸工具



50006
通用短锥螺纹 密封圈



1/8 3/8
1/4 1/2

新品

56000 "微型" 系列

56010
外螺纹直通接头 无外六角 (直螺纹)



4 - M5
4 - M7
6 - M5
6 - M7

56020
外螺纹直通接头 - (直螺纹)



2 - M3 4 - M3 6 - M5
2 - M5 4 - M5 6 - M7
3 - M3 4 - M7 6 - 1/8
3 - M5 4 - 1/8 6 - 1/4

56040
外螺纹直通接头



4 - 4
6 - 6
8 - 6

56050
外螺纹直通接头 (直螺纹)



4
6

56115
可旋转外螺纹直角接头 (直螺纹)



2 - M3 4 - M5 6 - 1/8
2 - M5 4 - 1/8 6 - 1/4
3 - M3 4 - 1/4
3 - M5 6 - M5

56130
管对管直角接头



2
3
4
6

56215
正T型外螺纹三通接头
可旋转 (直螺纹)



2 - M3
2 - M5
3 - M3
3 - M5

56225
直T型外螺纹三通接头
可旋转 (直螺纹)



2 - M3
2 - M5
3 - M3
3 - M5

56230
管对管T型三通接头



2 4
3 6

56550
可旋转直角铰接式接头



3 - M3
3 - M5

56900
可旋转排气节流阀 气缸用



4 - M5
6 - M5

56910
可旋转进气节流阀 阀用



4 - M5
6 - M5

56920
可旋转双向节流阀



4 - M5
6 - M5

56935
可旋转排气节流阀 气缸用



4 - M5 4 - 1/8
6 - M5 6 - 1/8

56945
可旋转进气节流阀 阀用



4 - M5 4 - 1/8
6 - M5 6 - 1/8

56955
可旋转双向节流阀



4 - M5 4 - 1/8
6 - M5 6 - 1/8

57000 系列

全金属快插接头



应用

- 机器人技术
- 汽车制造与焊接
- 重工与铁路行业
- 压缩空气回路
- 冷却水
- 真空
- 乙二醇（用EPDM密封）



参考标准

1907/2006
REACH ✓

2011/65/CE
RoHS ✓

97/23/CE
(PED)

ISO
14743:2004

SILICON
FREE



部件及材料

- 铜镀镍本体
- 铜镀镍释放环
- AISI301不锈钢夹爪
- NBR密封（可订制EPDM密封）



适合流体

- 压缩空气
- 真空
- 水
- 蒸气（EPDM密封）



工作压力

- 0.99 bar (-0.099 MPa)
20 bar (2.0 MPa)



连接管

塑料软管：

尼龙6、尼龙11、尼龙12、PE（聚醚）管、*PU（聚氨酯）管、PTFE和FEP特氟龙管。

*PU管要求最小硬度邵氏98度。



工作温度

- 20 °C
+ 80 °C

EPDM:
- 40 °C
+ 130 °C



螺纹

- 通用短锥螺纹（见 P.18）。
- 锥螺纹-符合 ISO7.1、BS21及DIN2999 标准
- 直螺纹-符合 ISO228-A 标准
- 公制螺纹-符合ISO R/262 标准

57000 外螺纹直通接头（通用短锥）



4 (5/32) - 1/8	8 (5/16) - 1/8	10 - 1/2
4 (5/32) - 1/4	8 (5/16) - 1/4	12 - 1/4
6 - 1/8	8 (5/16) - 3/8	12 - 3/8
6 - 1/4	8 (5/16) - 1/2	12 - 1/2
6 - 3/8	10 - 1/4	14 - 3/8
6 - 1/2	10 - 3/8	14 - 1/2

57010 外螺纹直通接头-无外六角



4 (5/32) - 1/8	8 (5/16) - 1/8
6 - 1/8	8 (5/16) - 1/4
6 - 1/4	

57010 外螺纹直通接头 无外六角（直螺纹）



4 - M5
4 - M7x1
6 - M5

57020 外螺纹直通接头（直螺纹）



4 - M5	6 - 1/2	12 - 3/8
4 - 1/8	8 - 1/8	12 - 1/2
4 - 1/4	8 - 1/4	14 - 3/8
5 - M5	8 - 3/8	14 - 1/2
5 - 1/8	8 - 1/2	6 - M12x1
6 - M5	10 - 1/4	6 - M12x1.25
6 - 1/8	10 - 3/8	6 - M12x1.5
6 - 1/4	10 - 1/2	8 - M12x1.5
6 - 3/8	12 - 1/4	

57030 内螺纹直通接头



4 - M5	6 - 1/4	10 - 3/8
4 - 1/8	8 - 1/8	10 - 1/2
4 - 1/4	8 - 1/4	12 - 3/8
5 - 1/8	8 - 3/8	12 - 1/2
6 - 1/8	10 - 1/4	

57100 外螺纹直角接头（锥螺纹）



4 - M5	6 - 1/8	10 - 1/4
4 - 1/8	6 - 1/4	10 - 3/8
5 - M5	8 - 1/8	12 - 1/4
5 - 1/8	8 - 1/4	12 - 3/8

57126 加长型可旋转直角接头（直螺纹）



4 - 1/8	6 - 1/4	10 - 1/4
4 - 1/4	8 - 1/8	10 - 3/8
5 - 1/8	8 - 1/4	
6 - 1/8	8 - 3/8	

57216 正T型外螺纹三通接头 可旋转（直螺纹）



4 - M5	8 - 1/8	12 - 1/2
4 - 1/8	8 - 1/4	14 - 3/8
4 - 1/4	8 - 3/8	14 - 1/2
5 - M5	8 - 1/2	6 - M12x1
5 - 1/8	10 - 1/4	6 - M12x1.25
6 - M5	10 - 3/8	6 - M12x1.5
6 - 1/8	10 - 1/2	
6 - 1/4	12 - 3/8	

57310 管对管Y型三通接头



4 (5/32)	8 (5/16)
5	10
6	

57040 管对管直通接头



4 (5/32)	8 - 6	12 - 10
5	8 (5/16)	12
6 - 4	10 - 8	14
6	10	

57106 可旋转内螺纹直角接头



4 - 1/8	6 - 1/4
4 - 1/4	8 - 1/8
6 - 1/8	8 - 1/4

57130 管对管直角接头



4 (5/32)	10
5	12
6	14
8 (5/16)	

57223 直T型外螺纹三通接头 可旋转（通用短锥）



4 (5/32) - 1/8	8 (5/16) - 1/8	10 - 3/8
4 (5/32) - 1/4	8 (5/16) - 1/4	10 - 1/2
6 - 1/8	8 (5/16) - 3/8	12 - 3/8
6 - 1/4	10 - 1/4	12 - 1/2

57500 直角螺栓接头



4 (5/32) - M5(10/32)	6 - 1/4
4 - M6	8 (5/16) - 1/8
4 (5/32) - 1/8	8 (5/16) - 1/4
5 - M5	8 (5/16) - 3/8
5 - M6	10 - 1/4
5 - 1/8	10 - 3/8
5 - 1/4	12 - 3/8
6 - M5	12 - 1/2
6 - M6	14 - 1/2
6 - 1/8	

57050 穿板式管对管直通接头



4 (5/32) - M12x1	8 (5/16) - M16x1
5 - M14x1	10 - M20x1
6 - M14x1	12 - M22x1

57111 可旋转外螺纹直角接头（通用短锥）



4 (5/32) - 1/8	8 (5/16) - 1/4	10 - 1/2
4 (5/32) - 1/4	8 (5/16) - 3/8	12 - 3/8
6 - 1/8	8 (5/16) - 1/2	12 - 1/2
6 - 1/4	10 - 1/4	14 - 3/8
8 (5/16) - 1/8	10 - 3/8	14 - 1/2

57200 正T型外螺纹三通接头（锥螺纹）



4 - M5	8 - 1/8	12 - 1/4
4 - 1/8	8 - 1/4	12 - 3/8
5 - 1/8	10 - 1/4	
6 - 1/8	10 - 3/8	

57226 直T型外螺纹三通接头 可旋转（直螺纹）



4 - M5	6 - 1/4	10 - 1/2
4 - 1/8	8 - 1/8	12 - 3/8
4 - 1/4	8 - 1/4	12 - 1/2
5 - M5	8 - 3/8	6 - M12x1
5 - 1/8	8 - 1/2	6 - M12x1.25
6 - M5	10 - 1/4	6 - M12x1.5
6 - 1/8	10 - 3/8	

57510 T型螺栓接头



4 (5/32) - M5	5 - 1/8	6 - 1/4
4 (5/32) - M6	5 - 1/4	8 (5/16) - 1/8
4 (5/32) - 1/8	6 - 1/8	8 (5/16) - 1/4

57060 可旋转穿板式管对管直角接头

新品



4 (5/32) - M12x1	10 - M20x1
6 - M14x1	12 - M22x1
8 (5/16) - M16x1	14 - M23x1

57116 可旋转外螺纹直角接头（直螺纹）



4 - M5	8 - 1/8	12 - 3/8
4 - 1/8	8 - 1/4	12 - 1/2
4 - 1/4	8 - 3/8	14 - 3/8
5 - M5	8 - 1/2	14 - 1/2
5 - 1/8	10 - 1/4	6 - M12x1
6 - M5	10 - 3/8	6 - M12x1.25
6 - 1/8	10 - 1/2	6 - M12x1.5
6 - 1/4	12 - 1/4	8 - M12x1.5

57211 正T型外螺纹三通接头 可旋转（通用短锥）



4 (5/32) - 1/8	8 (5/16) - 1/8	10 - 3/8
4 (5/32) - 1/4	8 (5/16) - 1/4	10 - 1/2
6 - 1/8	8 (5/16) - 3/8	12 - 3/8
6 - 1/4	10 - 1/4	12 - 1/2

57230 管对管T型三通接头



4 (5/32)	10
5	12
6	14
8 (5/16)	

57550 直角铰接式接头-可旋转



4 - M5	6 - M5	8 - 3/8
4 - 1/8	6 - 1/8	10 - 1/4
5 - M5	6 - 1/4	10 - 3/8
5 - 1/8	8 - 1/8	12 - 3/8
5 - 1/4	8 - 1/4	

57560

T型铰接式接头 可旋转（直螺纹）



4 - 1/8

5 - 1/8

5 - 1/4

6 - 1/8

6 - 1/4

8 - 1/8

8 - 1/4

51410
单螺栓



M5

M6

1/8

1/4

3/8

1/2

M12x1.5

51420
双螺栓



1/8

1/4

3/8

1/2

M12x1.5

51430
三螺栓



1/8

1/4

3/8

1/2

51440
单螺栓 内外螺纹



1/8 - 1/8

1/4 - 1/4

3/8 - 3/8

50600
外螺纹带尾管接头（直螺纹）



4 - M5

4 - 1/8

5 - M5

5 - 1/8

5 - 1/4

6 - M5

6 - 1/8

6 - 1/4

8 - 1/8

8 - 1/4

8 - 3/8

10 - 1/8

10 - 1/4

10 - 3/8

12 - 1/4

12 - 3/8

14 - 1/2

57610
金属管塞



4 - (5/32)

5

6

8 - (5/16)

10

12

14

新品

50625
快插过渡接头



4 (5/32)

5

6

8 - (5/16)

10

12

57700
大转小接头



5 - 4

8 (5/16) - 4 (5/32)

6 - 4

8 - 6

6 - 5

10 - 4

10 - 8

12 - 8

12 - 10

57800
埋入式接头



4

5

6

8

10

12

55801
埋入式接头底座工具



4

5

6

8

10

12

55802
埋入式接头安装工具



4

5

6

8

10

12

50980
安全管夹



4 - (5/32)

5

6 - (1/4)

8 - (5/16)

10 - (3/8)

12 - (1/2)

14

50990
拆卸工具



50006
通用短锥螺纹 密封圈



1/8

1/4

3/8

1/2



40000V 系列

全金属快插接头 FKM密封



应用

- 压缩空气、冷却水、真空、蒸气
- 高温气动自动化
- 汽车制造及焊接
- 重工业
- 震动环境



参考标准

1907/2006 REACH	2011/65/CE RoHS	97/23/CE (PED)	ISO 14743:2004	SILICON FREE
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部件及材料

- 铜镀镍本体
- 铜镀镍释放环
- AISI301不锈钢夹爪
- FKM密封



连接管

塑料软管：

尼龙6、尼龙11、尼龙12、PE（聚醚）管、*PU（聚氨酯）管、PTFE和FEP特氟龙管。

*PU管要求最小硬度邵氏98度。



工作压力

- 0.99 bar (-0.099 MPa)
- 30 bar (3.0 MPa)



螺纹

- 直螺纹-符合 ISO228-A 标准



工作温度

- 15 °C
- + 130 °C



适合流体

- 压缩空气
- 真空
- 水
- 蒸气

40020V

外螺纹直通接头（直螺纹）



4 - 1/8	8 - 1/8	10 - 1/2
4 - 1/4	8 - 1/4	12 - 1/4
6 - 1/8	8 - 3/8	12 - 3/8
6 - 1/4	8 - 1/2	12 - 1/2
6 - 3/8	10 - 1/4	14 - 3/8
6 - 1/2	10 - 3/8	14 - 1/2

40030V

内螺纹直通接头



4 - 1/8	8 - 1/8	10 - 3/8
4 - 1/4	8 - 1/4	10 - 1/2
6 - 1/8	8 - 3/8	12 - 3/8
6 - 1/4	10 - 1/4	12 - 1/2

40040V

管对管直通接头



4 (5/32)	10 - 8
6 - 4	10
6	12 - 10
8 - 6	12
8 (5/16)	14

40050V

穿板式管对管直通接头



4 (5/32) - M12x1
6 - M14x1
8 (5/16) - M16x1
10 - M20x1
12 - M22x1

40060V

可旋转穿板式管对管直角接头



4 - M12x1	10 - M20x1
6 - M14x1	12 - M22x1
8 - M16x1	14 - M23x1

4 - 1/8	6 - 1/4
4 - 1/4	8 - 1/8
6 - 1/8	8 - 1/4

40116V

可旋转外螺纹直角接头（直螺纹）



4 - 1/8	8 - 3/8	12 - 3/8
4 - 1/4	8 - 1/2	12 - 1/2
6 - 1/8	10 - 1/4	14 - 3/8
6 - 1/4	10 - 3/8	14 - 1/2
8 - 1/8	10 - 1/2	
8 - 1/4	12 - 1/4	

40130V

管对管直角接头



4 (5/32)	10
6	12
8 (5/16)	14

40216V

正T型外螺纹三通接头
可旋转（直螺纹）



4 - 1/8	8 - 1/4	10 - 1/2
4 - 1/4	8 - 3/8	12 - 3/8
6 - 1/8	8 - 1/2	12 - 1/2
6 - 1/4	10 - 1/4	14 - 3/8
8 - 1/8	10 - 3/8	14 - 1/2

40226V

直T型外螺纹三通接头
可旋转（直螺纹）



4 - 1/8	8 - 1/4	10 - 1/2
4 - 1/4	8 - 3/8	12 - 3/8
6 - 1/8	8 - 1/2	12 - 1/2
6 - 1/4	10 - 1/4	
8 - 1/8	10 - 3/8	

40230V

管对管T型三通接头



4 (5/32)	10
6	12
8 (5/16)	14

40310V

管对管Y型三通接头



4 (5/32)	10
6	12
8 (5/16)	10

40550V

直角铰接式接头-可旋转



4 - M5	6 - 1/4	10 - 1/4
4 - 1/8	8 - 1/8	10 - 3/8
6 - M5	8 - 1/4	12 - 3/8
6 - 1/8	8 - 3/8	

50600V

外螺纹带尾管接头（直螺纹）



4 - M5	8 - 1/8	10 - 3/8
4 - 1/8	8 - 1/4	12 - 1/4
6 - M5	8 - 3/8	12 - 3/8
6 - 1/8	10 - 1/8	14 - 1/2
6 - 1/4	10 - 1/4	

CH028

快插尾管转宝塔接头



12 - 10	8 - 8,3
8 - 10	12 - 12
12 - 14,5	

50625

快插过渡接头



4	10
6	12
8	

40700V

大转小接头



6 - 4	10 - 8
8 - 4	12 - 8
8 - 6	12 - 10
10 - 4	

57610

金属管塞



4	10
6	12
8	14

50980

安全管夹



4 - (5/32)	10 - (3/8)
6 - (1/4)	12 - (1/2)
8 - (5/16)	

食品&饮料 系列

饮用水用 食品级快插接头
符合认证: NSF/ANSI 51-61-372



应用

- 牛奶/乳制品
- 咖啡机、自动贩卖机
- 食品&饮料
- 医疗行业
- 真空



部件及材料

- CW510L 黄铜本体
- PPSU 释放环
- AISI301不锈钢夹爪
- 食品级FKM密封



工作压力

- 0.99 bar (-0.099 MPa)
- 20 bar (2.0 MPa)



工作温度

- 15 °C
- + 190 °C



参考标准

1907/2006

REACH

2011/65/CE

RoHS

97/23/CE

(PED)

ISO
14743:2004

SILICON
FREE

符合认证

NSF / ANSI 51 - 61 - 372



连接管

塑料软管：

尼龙6、尼龙11、尼龙12、PE（聚醚）管、*PU（聚氨酯）管、PTFE和FEP特氟龙管。

*PU管要求最小硬度邵氏98度。



螺纹

- 锥螺纹-符合 ISO7.1、BS21及DIN2999 标准
- 直螺纹-符合 ISO228-A 标准



适合流体

- 压缩空气
- 真空
- 水
- 蒸气
- 食品

59020 外螺纹直通接头（直螺纹）



4 - 1/8
6 - 1/8
6 - 1/4
8 - 1/8
8 - 1/4

59030 内螺纹直通接头



4 - 1/8
6 - 1/8
6 - 1/4
8 - 3/8

59040 管对管直通接头



4
6
8

59100 外螺纹直角接头（锥螺纹）



4 - 1/8
6 - 1/8
6 - 1/4
8 - 1/4

59116 可旋转外螺纹直角接头（直螺纹）



4 - 1/8
6 - 1/8
6 - 1/4
6 - 3/8
8 - 1/4
8 - 3/8

59130 管对管直角接头



4
6
8

59216 正T型外螺纹三通接头 可旋转（直螺纹）



4 - 1/8
6 - 1/8
6 - 1/4
8 - 1/4
8 - 3/8

59226 直T型外螺纹三通接头 可旋转（直螺纹）



4 - 1/8
6 - 1/8
6 - 1/4
8 - 1/4
8 - 3/8

59230 管对管T型三通接头



4
6
8



70000 系列

食品级快插接头 NSF/ANSI 51



应用

- 牛奶/乳制品
- 咖啡机、自动贩卖机
- 食品&饮料
- 医疗行业
- 真空



参考标准



部件及材料

- 食品级铜镀镍本体
- 食品级铜镀镍释放环
- AISI301不锈钢夹爪
- 食品级FKM密封



连接管

塑料软管：

尼龙6、尼龙11、尼龙12、PE（聚醚）管、*PU（聚氨酯）管、PTFE和FEP特氟龙管。
*PU管要求最小硬度邵氏98度。



工作压力

- 0.99 bar (-0.099 MPa)
20 bar (2.0 MPa)



螺纹

- 直螺纹-符合 ISO228-A 标准



工作温度

- 15 °C
+ 200 °C



适合流体

- 压缩空气
- 真空
- 蒸气
- 食品

70020 外螺纹直通接头（直螺纹）



4 - M5	6 - 1/4	10 - 1/4
4 - 1/8	8 - 1/8	10 - 3/8
6 - 1/8	8 - 1/4	12 - 3/8

70040 管对管直通接头



4	10
6	12
8	

70116 可旋转外螺纹直角接头（直螺纹）



4 - M5	6 - 1/4	10 - 1/4
4 - 1/8	8 - 1/8	10 - 3/8
6 - 1/8	8 - 1/4	12 - 3/8

70216 正T型外螺纹三通接头可旋转（直螺纹）



4 - 1/8	8 - 1/8
6 - 1/8	8 - 1/4
6 - 1/4	

70230 管对管T型三通接头



4	10
6	12
8	

50980 安全管夹



4-(5/32)	10-(3/8)
5	12-(1/2)
6-(1/4)	14
8-(5/16)	

Serie INOX

PUSH-IN FITTINGS, PUSH-ON FITTINGS, QUICK COUPLINGS, ADAPTERS, BALL VALVE AND FUNCTION FITTINGS

SERIE 60000 STAINLESS STEEL PUSH-IN FITTINGS



Application

- Automation with Washing
- Farming, Mining
- Chemical, Petrolchemical, Pharmaceutical
- Medical, Life&Sciences
- Vacuum



Reference Standard

1907/2006
REACH

2011/65/CE
RoHS

97/23/CE
(PED)

ISO
14743:2004

SILICON
FREE



Component Parts and Materials

- AISI 316L Steel Body
- AISI 316L Steel Collet
- AISI 316L Steel Clamping washer
- Food FKM seal



Connection Tubes

Plastic tubes:

PA6, PA11, PA12, Polyethylene, *Polyurethane, PTFE, FEP.

**For Polyurethane hoses it is required a minimum hardness of 98 shore.*



Pressures

- 0.99 bar (-0.099 MPa)
20 bar (2.0 MPa)



Threads

- Tapered gas in conformity with ISO7.1, BS 21, DIN 2999.
- Parallel gas in conformity with ISO 228 Class A.
- Metric in conformity with ISO R/262.



Temperatures

- 15 °C
+ 200 °C



Fluids

- Compressed air
- Vacuum
- Fluid for food and chemical industry compatible with fitting components.

60000

STRAIGHT MALE ADAPTOR (TAPER)



4 - 1/8	8 - 1/8	12 - 3/8
4 - 1/4	8 - 1/4	12 - 1/2
6 - 1/8	10 - 1/4	
6 - 1/4	10 - 3/8	

60020

STRAIGHT MALE ADAPTOR (PARALLEL)



4 - M5	6 - 1/8	10 - 1/4
4 - 1/8	6 - 1/4	10 - 3/8
4 - 1/4	8 - 1/8	12 - 3/8
6 - M5	8 - 1/4	12 - 1/2

60040

STRAIGHT CONNECTOR



4
6
8
10
12

60050

BULKHEAD CONNECTOR



4 - M12x1
6 - M14x1
8 - M16x1
10 - M20x1
12 - M22x1

60110

ORIENTING ELBOW MALE ADAPTOR (TAPER)



4 - 1/8	8 - 1/8	10 - 1/2
4 - 1/4	8 - 1/4	12 - 3/8
6 - 1/8	10 - 1/4	12 - 1/2
6 - 1/4	10 - 3/8	

60115

ORIENTING ELBOW MALE ADAPTOR (PARALLEL)



4 - M5	6 - 1/4	10 - 1/2
4 - 1/8	8 - 1/8	12 - 3/8
4 - 1/4	8 - 1/4	12 - 1/2
6 - M5	10 - 1/4	
6 - 1/8	10 - 3/8	

60130

ELBOW CONNECTOR



4
6
8
10
12

60210

ORIENTING TEE MALE ADAPTOR (TAPER)
CENTRE LEG



4 - 1/8	8 - 1/8	10 - 1/2
4 - 1/4	8 - 1/4	12 - 3/8
6 - 1/8	10 - 1/4	12 - 1/2
6 - 1/4	10 - 3/8	

60215

ORIENTING TEE MALE ADAPTOR (PARALLEL) CENTRE LEG



4 - M5	6 - 1/4	10 - 3/8
4 - 1/8	8 - 1/8	10 - 1/2
4 - 1/4	8 - 1/4	12 - 3/8
6 - 1/8	10 - 1/4	12 - 1/2

60230

TEE CONNECTOR



4
6
8
10
12

60600

MALE ADAPTOR PARALLEL



6 - 1/8	10 - 3/8
8 - 1/4	12 - 3/8
10 - 1/4	12 - 1/2

61000 系列

STAINLESS STEEL PUSH-ON FITTINGS



Application

- Dairy
- Food & Beverage
- Chemical, Petrochemical, Pharmaceutical
- Medical, Life&Sciences
- Inkjet, Printing
- Vacuum



Component Parts and Materials

- AISI 316L Steel Nut
- AISI 316L Steel Body
- Food FKM seal



Pressures and Temperatures

The working pressures and working temperatures depend on which type of tube used, for this reason, the values must be determined in accordance with the tube's features.



Reference Standard

1907/2006 REACH	2011/65/CE RoHS	97/23/CE (PED)	ISO 14743:2004	SILICON FREE
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Connection Tubes

Plastic tubes:
PA6, PA11, PA12, Polyethylene, *Polyurethane, PTFE, FEP.
**For Polyurethane hoses it is required a minimum hardness of 98 shore.*



Threads

- "UNIVERSAL SHORT" Tapered thread (See p.18).
- Tapered gas in conformity with ISO7.1, BS 21, DIN 2999.
- Parallel gas in conformity with ISO 228 Class A.
- Metric in conformity with ISO R/262.



Fluids

- Compressed air
- Vacuum
- Water
- Fluid for food and chemical industry compatible with fitting components.

61005

STRAIGHT MALE ADAPTOR "UNIVERSAL SHORT"



6/4 - 1/8	8/6 - 1/4
6/4 - 1/4	10/8 - 1/4
8/6 - 1/8	10/8 - 3/8

61040

STRAIGHT CONNECTOR



6/4
8/6
10/8

61050

BULKHEAD CONNECTOR



6/4 - M10x1	8/6 - M12x1
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61100

ELBOW MALE ADAPTOR (TAPER)



6/4 - 1/8	8/6 - 1/4
6/4 - 1/4	10/8 - 1/4
8/6 - 1/8	10/8 - 3/8

61130

ELBOW CONNECTOR



6/4
8/6
10/8

61200

TEE MALE ADAPTOR (TAPER)-CENTRE LEG



6/4 - 1/8	8/6 - 1/4
6/4 - 1/4	10/8 - 1/4
8/6 - 1/8	10/8 - 3/8

61230

TEE CONNECTOR



6/4
8/6
10/8

61700

NUT



6/4 - M10x1
8/6 - M12x1
10/8 - M14x1

SERIE 62000 STAINLESS STEEL ADAPTERS



Application

- Dairy
- Food & Beverage
- Chemical, Petrochemical, Pharmaceutical
- Medical, Life&Sciences
- Inkjet, Printing
- Vacuum



Pressures

- 0.99 bar (-0.099 MPa)
140 bar (14 MPa)



Temperatures

- 110 °C
+ 300 °C



Reference Standard

1907/2006
REACH ✓

2011/65/CE
RoHS ✓

97/23/CE
(PED)

SILICON
FREE



Threads

- Tapered gas in conformity with ISO7.1, BS 21, DIN 2999.
- Parallel gas in conformity with ISO 228 Class A.
- Metric in conformity with ISO R/262.



Fluids

Fluid for food and chemical industry compatible
with fitting components.

62000 NIPPLE (TAPER)



1/8	1/2
1/4	3/4
3/8	

62020 REDUCING NIPPLE (TAPER)



1/8 - 1/4	1/4 - 1/2
1/8 - 3/8	3/8 - 1/2
1/4 - 3/8	1/2 - 3/4

62040 REDUCER (TAPER)



1/8 - 1/4	3/8 - 1/2
1/4 - 3/8	1/2 - 3/4
1/4 - 1/2	

62080 REDUCER (TAPER)



1/4 - 1/8	1/2 - 1/4
3/8 - 1/8	1/2 - 3/8
3/8 - 1/4	3/4 - 1/2

62300 SLEEVE



1/8	1/2
1/4	3/4
3/8	

62310 REDUCING SLEEVE



1/8 - 1/4	3/8 - 1/2
1/4 - 3/8	1/2 - 3/4

62315 MALE PLUG (PARALLEL) WITH EXAGON EMBEDDED



M5	3/8
1/8	1/2
1/4	

62320 MALE PLUG (PARALLEL)



1/8	1/2
1/4	3/4
3/8	

62325 MALE PLUG (TAPER) DIN 906



1/8
1/4
3/8
1/2

62340 MALE HOSE ADAPTER (TAPER)



6 - 1/8	10 - 3/8	16 - 1/2
7 - 1/8	10 - 1/2	18 - 1/2
7 - 1/4	12 - 1/4	18 - 3/4
8 - 1/4	12 - 3/8	20 - 1/2
9 - 1/4	12 - 1/2	20 - 3/4
9 - 3/8	14 - 3/8	
10 - 1/4	14 - 1/2	

62400 FEMALE TEE



1/8
1/4
3/8
1/2

62440 CENTRE LEG MALE TEE



1/8
1/4
3/8
1/2

62450 OFF SET MALE TEE



1/8
1/4
3/8
1/2

62510 FEMALE ELBOW



1/8
1/4
3/8
1/2

62520 MALE - FEMALE ELBOW



1/8
1/4
3/8
1/2

62540 SILENCER



1/8
1/4
3/8
1/2

SERIE 63000 STAINLESS STEEL MULTISOCKET



Application

- Compressed Air & Tools
- Pneumatic and Fluidtechnology
- Food & Beverage
- Life & Sciences
- Inert Gases



Component Parts and Materials

- AISI 316L Steel body
- AISI 302 Steel spring
- AISI 420 Steel ball
- Food FKM seal



Pressures

0 bar (0 MPa)
16 bar (1.6 MPa)

Maximum static pressure (no pulsations):
35 bar (3.5 MPa)



Reference Standard

1907/2006
REACH ✓

2011/65/CE
RoHS ✓

97/23/CE
(PED)

SILICON
FREE



Temperatures

- 15 °C
+ 200 °C



Threads

- Parallel gas in conformity with ISO 228 Class A.
- "UNIVERSAL SHORT" Tapered thread (See p.18).



Fluids

- Compressed air
- Fluid for food and chemical industry compatible with all components.

63190

MALE SOCKET "UNIVERSAL SHORT"



1/4
3/8
1/2

63192

FEMALE SOCKET



1/4
3/8
1/2

63260

MALE PLUG EUROPEAN PROFILE "UNIVERSAL SHORT"



1/4
3/8
1/2

63262

FEMALE PLUG EUROPEAN PROFILE



1/4
3/8
1/2

SERIE 66000 STAINLESS STEEL FUNCTION FITTINGS



Application

- Dairy
- Food & Beverage
- Chemical, Petrolchemical, Pharmaceutical
- Medical, Life&Sciences, Inert Gases
- Vacuum



Threads

- Parallel gas in conformity with ISO 228 Class A.



Reference Standard

1907/2006
REACH ✓

2011/65/CE
RoHS ✓

97/23/CE
(PED)

SILICON
FREE



Fluids

- Compressed air
- Vacuum
- Water
- Oils
- Fluid for food and chemical industry compatible with fitting components.

66050

QUICK EXHAUST VALVE



1/8
1/4
3/8
1/2

66062

FEMALE-FEMALE NON RETURN VALVE



1/8
1/4
3/8
1/2

66070

ORIENTING FLOW REGULATOR FOR CYLINDER



1/8 - 1/8
1/4 - 1/4

66085

UNI-DIRECTIONAL IN-LINE FLOW REGULATOR



1/8
1/4
3/8
1/2

SERIE GHINOX STAINLESS STEEL MINIBALL VALVES



Component Parts and Materials

- Stainless steel AISI316L Body
- PTFE Seats
- FKM Seal O-RING



Reference Standard

1907/2006 REACH ✓	2011/65/CE RoHS ✓	97/23/CE (PED)	ISO 14743:2004	SILICON FREE
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Pressures

- 0.99 bar (-0.099 MPa)
- 40 bar (4.0 MPa)



Fluids

- Compressed air
- Vacuum
- Water
- Oils
- Fluid for food and chemical industry compatible with components.



Temperatures

- 15 °C Minimum temperature
- + 150 °C Maximum temperature in continuos
- + 180 °C Maximum temperature for short term



Threads

- Tapered gas in conformity with ISO7.1, BS 21, DIN 2999.

66300

FEMALE RP ISO 7 - FEMALE RP ISO 7 VALVE



1/8 - 1/8
1/4 - 1/4

66310

TAPER MALE R ISO 7 - FEMALE RP ISO 7 VALVE



1/8 - 1/8
1/4 - 1/4

Serie 89000

METALLIC PUSH-IN FITTINGS FOR INCH TUBE



Application

- Robotics
- Automotive e Welding
- Heavy Industry, Railways
- Compressed air Circuit
- Cooling water, Vacuum
- Glycol with EPDM



Reference Standard

1907/2006
REACH ✓

2011/65/CE
RoHS ✓

97/23/CE
(PED)

ISO
14743:2004

SILICON
FREE



Component Parts and Materials

- Nickel-plated brass Body
- Nickel-plated brass Collet
- Steel AISI 301 Clamping washer
- NBR seal (if requested FKM - EPDM)



Fluids

- Compressed air
- Vacuum
- Water
- Steam



Pressures

- 0.99 bar (-0.099 MPa)
20 bar (2.0 MPa)



Connection Tubes

Plastic tubes:

PA6, PA11, PA12, Polyethylene, *Polyurethane, PTFE, FEP.

**For Polyurethane hoses it is required a minimum hardness of 98 shore.*



Temperatures

- 20 °C
+ 80 °C

EPDM

- 40 °C
+ 130 °C

FKM

- 15 °C
+ 130 °C



Threads

- "UNIVERSAL SHORT" Tapered thread (see p.18).
- Parallel gas in conformity with UNF.

89000

STRAIGHT MALE ADAPTOR
"UNIVERSAL SHORT"



1/8 - 10/32	5/16 (8) - 1/4
1/8 - 1/8	5/16 (8) - 3/8
1/8 - 1/4	5/16 (8) - 1/2
5/32 (4) - 10/32	3/8 - 1/8
5/32 (4) - 1/8	3/8 - 1/4
5/32 (4) - 1/4	3/8 - 3/8
1/4 - 10/32	3/8 - 1/2
1/4 - 1/8	1/2 - 1/8
1/4 - 1/4	1/2 - 1/4
1/4 - 3/8	1/2 - 3/8
5/16 (8) - 1/8	1/2 - 1/2

89010

STRAIGHT MALE ADAPTOR
WITH EXAGON EMBEDDED



5/32 (4) - 1/8
5/16 (8) - 1/8
5/16 (8) - 1/4

89030

STRAIGHT FEMALE ADAPTOR (NPTF)



1/8 - 1/8	1/4 - 1/8
1/8 - 1/4	1/4 - 1/4
5/32 (4) - 1/8	3/8 - 1/4
5/32 (4) - 1/4	3/8 - 3/8

89040

STRAIGHT CONNECTOR



1/8	5/16 (8)
5/32 (4)	3/8 - 1/4
1/4 - 5/32	3/8 - 1/2
1/4	3/8
3/16 (5)	1/2

89050
BULKHEAD CONNECTOR


1/8 - M10x1	5/16 (8) - M16x1
5/32 (4) - M12x1	3/8 - M20x1
1/4 - M14x1	1/2 - M22x1

89106
ORIENTING ELBOW FEMALE ADAPTOR (NPTF)


5/32 (4) - 1/8	1/4 - 1/4
5/32 (4) - 1/4	3/8 - 1/8
1/4 - 1/8	3/8 - 1/4

89111
**ORIENTING ELBOW MALE ADAPTOR
"UNIVERSAL SHORT"**


1/8 - 1/8	5/16 (8) - 1/8	3/8 - 1/2
1/8 - 1/4	5/16 (8) - 1/4	1/2 - 1/4
5/32 (4) - 1/8	5/16 (8) - 3/8	1/2 - 3/8
5/32 (4) - 1/4	5/16 (8) - 1/2	1/2 - 1/2
1/4 - 1/8	3/8 - 1/8	
1/4 - 1/4	3/8 - 1/4	
1/4 - 3/8	3/8 - 3/8	

89116
**ORIENTING ELBOW MALE ADAPTOR
(PARALLEL)**


1/8 - 10/32
5/32 (4) - 10/32
1/4 - 10/32

89130
ELBOW CONNECTOR


1/8	1/8 - 1/8	1/4 - 3/8	3/8 - 3/8
5/32 (4)	1/8 - 1/4	5/16 (8) - 1/8	3/8 - 1/2
1/4	5/32 (4) - 1/8	5/16 (8) - 1/4	1/2 - 1/4
5/16 (8)	5/32 (4) - 1/4	5/16 (8) - 3/8	1/2 - 3/8
3/8	1/4 - 1/8	3/8 - 1/8	1/2 - 1/2
1/2	1/4 - 1/4	3/8 - 1/4	

89211
**ORIENTING TEE MALE ADAPTOR
"UNIVERSAL SHORT" - CENTRE LEG**

89216
**ORIENTING TEE MALE ADAPTOR (PARALLEL)
CENTRE LEG**


1/8 - 10/32
5/32 (4) - 10/32
1/4 - 10/32

89223
**ORIENTING TEE MALE ADAPTOR "UNIVERSAL
SHORT" OFF - SET LEG**


1/8 - 1/8	5/16 (8) - 3/8
1/8 - 1/4	3/8 - 1/8
5/32 (4) - 1/8	3/8 - 1/4
5/32 (4) - 1/4	3/8 - 3/8
1/4 - 1/8	3/8 - 1/2
1/4 - 1/4	1/2 - 1/4
1/4 - 3/8	1/2 - 3/8
5/16 (8) - 1/8	1/2 - 1/2
5/16 (8) - 1/4	

89226
**ORIENTING TEE MALE ADAPTOR (PARALLEL)
OFF - SET LEG**


1/8 - 10/32
5/32 (4) - 10/32
1/4 - 10/32

89230
TEE CONNECTOR


1/8	5/16 (8)
5/32 (4)	3/8
1/4	1/2

89310
Y CONNECTOR


1/8	5/16 (8)
5/32 (4)	3/8
1/4	

89500
SINGLE BANJO BODY


1/8 - 1/8	1/4 - 1/4	3/8 - 1/4
5/32 (4) - 10/32	5/16 (8) - 1/8	3/8 - 3/8
5/32 (4) - 1/8	5/16 (8) - 1/4	1/2 - 3/8
1/4 - 1/8	5/16 (8) - 3/8	1/2 - 1/2

88610
POLYAMIDE PLUG


1/8	5/16 (8)
5/32 (4)	3/8
1/4	1/2

89700
REDUCER


1/4 - 1/8	5/32 (4)	1/2 - 1/4
1/4 - 5/32 (4)	3/8 - 1/4	1/2 - 3/8
5/16 (8) -	3/8 - 5/16 (8)	

50980
SECURITY CLIPS


5/32 (4)	3/8 (10)
1/4 (6)	1/2 (12)
5/16 (8)	

50006
**THREAD PACKING FOR THE "UNIVERSAL SHORT"
TAPER THREADS**


1/8
1/4
3/8
1/2

Serie 58000

HIGH PRESSURE PUSH-IN FITTINGS



Application

- Lubrication systems
- Heavy Industry, Railways
- Vehicles (Truck, Bus, Farming)



Component Parts and Materials

- Nickel-plated Brass Collet and body
- HNBR O-RING Seal



Pressures

0 bar (0 MPa)	Minimum pressure
150 bar (15 MPa)	Maximum pressure with fluids
* 30 bar (3 MPa)	Maximum pressure with air



Temperatures

- 30 °C
+ 150 °C



Reference Standard

1907/2006 REACH ✓	2011/65/CE RoHS ✓	97/23/CE (PED)	SILICON FREE
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Connection Tubes

Plastic tubes:

- * PA6, PA11, PA12, Polyethylene, *Polyurethane, PTFE, FEP.

**For Polyurethane hoses it is required a minimum hardness of 98 shore.*



Threads

- Tapered gas in conformity with ISO7.1, BS 21, DIN 2999.
- Metric Tapered in conformity with UNI 7707.



Fluids

- Oil
- Water
- Grease

58000 STRAIGHT MALE ADAPTOR (TAPER)



4 - M6x1	6 - M6x1
4 - M8x1	6 - M8x1
4 - M10x1	6 - M10x1
4 - 1/8	6 - 1/8

58040 STRAIGHT CONNECTOR



4
6

58100 ELBOW MALE ADAPTOR (TAPER)



4 - M6x1	6 - M6x1
4 - M8x1	6 - M8x1
4 - M10x1	6 - M10x1
4 - 1/8	6 - 1/8

58111 ORIENTING ELBOW MALE ADAPTOR (TAPER)



4 - M6x1	6 - M6x1
4 - M8x1	6 - M8x1
4 - M10x1	6 - M10x1
4 - 1/8	6 - 1/8

TB66 POLYAMIDE SEMIRIGID TUBE

New



	□	∅ Ext.	∅ Int.
TB66 00 420	NT	4	2
TB66 00 630	NT	6	3

Table of pressure values expressed in% as a function of temperature.							
20°	30°	40°	50°	60°	70°	80°	
100%	83%	72%	64%	58%	52%	47%	



Temperatures

0 °C
+ 100 °C



AIGNEP

1000系列

快拧接头



应用

- 压缩空气
- 气动自动化
- 工业冷却
- 惰性气体、蒸气
- 喷墨机、印刷机
- 真空



部件及材料

- 铜镀镍本体及螺母
- NBR O型圈密封



工作压力/ 工作温度

工作压力和工作温度取决于所连接的管子
因此该参数由所连接的管子的参数决定。
可旋转式接头及带O型圈接头，工作温度如下：



- 20 °C
+ 80 °C



参考标准

1907/2006

REACH

2011/65/CE

RoHS

97/23/CE

(PED)

SILICON

FREE



连接管

塑料软管：

尼龙6、尼龙11、尼龙12、PE（聚醚）管、*PU（聚氨酯）管、PTFE和FEP特氟龙管。

*PU管要求最小硬度邵氏98度。



螺纹

- 锥螺纹-符合 ISO7.1、BS21及DIN2999 标准
- 直螺纹-符合 ISO228-A 标准
- 公制螺纹-符合 ISO R/262 标准



适合流体

- 压缩空气
- 同接头材质兼容的流体及液体

1000

外螺纹直通快拧接头（锥螺纹）



4/2.7 - 1/8	8/6 - 1/4	10/8 - 1/2
5/3 - 1/8	8/6 - 3/8	12/10 - 3/8
6/4 - 1/8	8/6 - 1/2	12/10 - 1/2
6/4 - 1/4	10/8 - 1/8	15/12.5 - 1/2
6/4 - 3/8	10/8 - 1/4	
8/6 - 1/8	10/8 - 3/8	

1021

外螺纹直通快拧接头（公制螺纹）



4/2.7 - M5	5/3 - M6	6/4 - M12x1
4/2.7 - M6	6/4 - M5	6/4 - M12x1.25
5/3 - M5	6/4 - M6	6/4 - M12x1.5

1010

可旋转外螺纹直通快拧接头（锥螺纹）



6/4 - 1/8	8/6 - 1/4	12/8 - 3/8
6/4 - 1/4	10/6.5 - 1/4	12/10 - 3/8
8/6 - 1/8	10/8 - 1/4	

1025

外螺纹直通快拧接头（锥螺纹）
带保护弹簧



6/4 - 1/8	8/6 - 3/8	10/8 - 3/8
6/4 - 1/4	8/6 - 1/2	10/8 - 1/2
8/6 - 1/8	10/8 - 1/8	12/10 - 3/8
8/6 - 1/4	10/8 - 1/4	12/10 - 1/2

1015

可旋转外螺纹直通快拧接头（直螺纹）



6/4 - 1/8	8/6 - 1/4	12/8 - 3/8
6/4 - 1/4	10/6.5 - 1/4	12/10 - 3/8
8/6 - 1/8	10/8 - 1/4	

1026

可旋转外螺纹直通快拧接头（锥螺纹）
带保护弹簧



6/4 - 1/8	8/6 - 1/4	12/8 - 3/8
6/4 - 1/4	10/6.5 - 1/4	12/10 - 3/8
8/6 - 1/8	10/8 - 1/4	

1020

外螺纹直通快拧接头（直螺纹）



4/2.7 - 1/8	8/6 - 1/8	10/8 - 3/8
5/3 - 1/8	8/6 - 1/4	10/8 - 1/2
6/4 - 1/8	8/6 - 3/8	12/10 - 3/8
6/4 - 1/4	8/6 - 1/2	12/10 - 1/2
6/4 - 3/8	10/8 - 1/8	15/12.5 - 1/2
6/4 - 1/2	10/8 - 1/4	

1027

可旋转外螺纹直通快拧接头（直螺纹）
带保护弹簧



6/4 - 1/8	8/6 - 1/4	12/8 - 3/8
6/4 - 1/4	10/6.5 - 1/4	12/10 - 3/8
8/6 - 1/8	10/8 - 1/4	

1028

外螺纹直通快拧接头（直螺纹）
带保护弹簧



6/4 - 1/8	8/6 - 1/4	10/8 - 3/8
6/4 - 1/4	8/6 - 3/8	10/8 - 1/2
6/4 - 3/8	8/6 - 1/2	12/10 - 3/8
6/4 - 1/2	10/8 - 1/8	12/10 - 1/2
8/6 - 1/8	10/8 - 1/4	

1029

外螺纹直通快拧接头（公制螺纹）
带保护弹簧



6/4 - M12x1
6/4 - M12x1.25
6/4 - M12x1.5

1030

内螺纹直通快拧接头（直螺纹）



6/4 - 1/8	8/6 - 1/4	10/8 - 3/8
6/4 - 1/4	8/6 - 3/8	10/8 - 1/2
6/4 - 3/8	8/6 - 1/2	12/10 - 3/8
8/6 - 1/8	10/8 - 1/4	

1035

内螺纹直通快拧接头（直螺纹）
带保护弹簧



6/4 - 1/8	8/6 - 1/4	10/8 - 3/8
6/4 - 1/4	8/6 - 3/8	10/8 - 1/2
6/4 - 3/8	8/6 - 1/2	12/10 - 3/8
8/6 - 1/8	10/8 - 1/4	

1040

管对管直通快拧接头



4/2.7	8/6 - 6/4	10/8
5/3	8/6	12/10
6/4 - 5/3	10/8 - 6/4	15/12.5
6/4	10/8 - 8/6	

1050

穿板式管对管直通快拧接头



4/2.7 - M6x0.5	10/8x6/4 - M14x1
5/3 - M7x0.75	10/8x8/6 - M14x1
6/4x5/3 - M10x1	10/8 - M14x1
6/4 - M10x1	12/10 - M16x1
8/6x6/4 - M12x1	15/12.5 - M20x1
8/6 - M12x1	

1100

外螺纹直角快拧接头（锥螺纹）



4/2.7 - 1/8	8/6 - 1/4	10/8 - 1/2
5/3 - 1/8	8/6 - 3/8	12/10 - 3/8
6/4 - 1/8	8/6 - 1/2	12/10 - 1/2
6/4 - 1/4	10/8 - 1/8	15/12.5 - 1/2
6/4 - 3/8	10/8 - 1/4	
8/6 - 1/8	10/8 - 3/8	

1101

外螺纹直角快拧接头（公制螺纹）



6/4 - M12x1
6/4 - M12x1.25
6/4 - M12x1.5

1110

可旋转外螺纹直角快拧接头（锥螺纹）



4/2.7 - 1/8	8/6 - 1/8
6/4 - 1/8	8/6 - 1/4
6/4 - 1/4	10/8 - 1/4

1115

可旋转外螺纹直角快拧接头（直螺纹）



4/2.7 - 1/8	8/6 - 1/8
6/4 - 1/8	8/6 - 1/4
6/4 - 1/4	10/8 - 1/4

1120

内螺纹直角快拧接头（直螺纹）



5/3 - 1/8	8/6 - 1/4
6/4 - 1/8	10/8 - 1/4
6/4 - 1/4	10/8 - 3/8
8/6 - 1/8	

1130

管对管直角快拧接头



4/2.7	8/6 - 6/4	12/10
5/3	8/6	15/12.5
6/4	10/8	

1200

外螺纹三通快拧接头（锥螺纹）
正T型



4/2.7 - 1/8	8/6 - 1/8	10/8 - 3/8
5/3 - 1/8	8/6 - 1/4	12/10 - 3/8
6/4 - 1/8	10/8 - 1/8	15/12.5 - 1/2
6/4 - 1/4	10/8 - 1/4	

1210

可旋转外螺纹三通快拧接头（锥螺纹）
正T型



6/4 - 1/8	8/6 - 1/4
6/4 - 1/4	10/8 - 1/4
8/6 - 1/8	

1215

可旋转外螺纹三通快拧接头（直螺纹）
正T型



6/4 - 1/8	8/6 - 1/4
6/4 - 1/4	10/8 - 1/8
8/6 - 1/8	10/8 - 1/4

1220

外螺纹三通快拧接头（锥螺纹）
直T型



5/3 - 1/8	8/6 - 1/4	12/10 - 3/8
6/4 - 1/8	10/8 - 1/8	15/12.5 - 1/2
6/4 - 1/4	10/8 - 1/4	
8/6 - 1/8	10/8 - 3/8	

1230

T型三通快拧接头



4/2.7	8/6	12/10
5/3	10/8 - 6/4	15/12.5
6/4	10/8 - 8/6	
8/6 - 6/4	10/8	

1300

等径四通快拧接头



5/3	10/8
6/4	12/10
8/6	15/12.5

51410

单螺栓



M5	3/8
M6	1/2
1/8	M12x1.5
1/4	

51420

双螺栓



1/8	1/2
1/4	M12x1.5
3/8	

51430
三螺栓



1/8
1/4
3/8
1/2

51440
内外螺纹单螺栓



1/8 - 1/8
1/4 - 1/4
3/8 - 3/8

1500
直角螺栓接头体



4/2.7 - M5	6/4 - 1/8	10/8 - 1/8
4/2.7 - M6	6/4 - 1/4	10/8 - 1/4
4/2.7 - 1/8	6/4 - 3/8	10/8 - 3/8
5/3 - M5	8/6 - 1/8	10/8 - 1/2
5/3 - 1/8	8/6 - 1/4	12/10 - 3/8
6/4 - M5	8/6 - 3/8	12/10 - 1/2
6/4 - M6	8/6 - 1/2	15/12.5 - 1/2

1510
T型螺栓接头体



4/2.7 - M5	6/4 - 3/8	10/8 - 3/8
4/2.7 - 1/8	8/6 - 1/8	10/8 - 1/2
5/3 - M5	8/6 - 1/4	12/10 - 3/8
5/3 - 1/8	8/6 - 3/8	12/10 - 1/2
6/4 - M5	8/6 - 1/2	15/12.5 - 1/2
6/4 - 1/8	10/8 - 1/8	
6/4 - 1/4	10/8 - 1/4	

LG 410
单螺栓 轻型



M5
M6

LG 500
直角螺栓接头体 轻型



4/2.7 - M5	6/4 - M5
4/2.7 - M6	6/4 - M6
5/3 - M5	

1600
铝制垫圈



M5	3/8
1/8	1/2
1/4	M12

1610
尼龙66 带槽垫圈



M3	1/8	1/2
M5	1/4	3/4
M6	3/8	1"

1612
NBR及钢 复合材料 垫圈



1/8	1/2
1/4	3/4
3/8	1"

1613
NBR及钢 复合材料 垫圈



1/8	1/2
1/4	3/4
3/8	1"

1700
锁紧螺母



4/2.7 - M6x0.5	8/6 - M12x1
5/3 - M7x0.75	10/8 - M14x1
6/4 - M8x0.75	12/10 - M16x1
6/4 - M10x1	15/12.5 - M20x1

1710
锁紧螺母 带保护弹簧



6/4 - M10x1	10/8 - M14x1
8/6 - M12x1	12/10 - M16x1

1750
塑料切管刀



8610
尼龙堵头



4	8
5	10
6	12

Serie Function

FUNCTION FITTINGS



ORIENTING FLOW REGULATOR



Application

- Pneumatic automation
- Automotive process
- Food & Beverage
- Fluidtechnology
- Vacuum



Reference Standard

1907/2006
REACH ✓

2011/65/CE
RoHS ✓

97/23/CE
(PED)

SILICON
FREE



Pressures

1 bar (0.1 MPa)
10 bar (1 MPa)



Connection Tubes

Plastic tubes:

PA6, PA11, PA12, Polyethylene, *Polyurethane, PTFE, FEP.

**For Polyurethane hoses it is required a minimum hardness of 98 shore.*



Temperatures

- 20 °C
+ 80 °C



Threads

- "UNIVERSAL SHORT" Threads (See p. 18).
- Metric in conformity with ISO R/262.
- Parallel gas in conformity with ISO 228 Class A.



Fluids

- Compressed air

LEGEND



Screwdriver regulation



Manual regulation

50901

ORIENTING FLOW REGULATOR FOR CYLINDER
"UNIVERSAL SHORT"



3 - M5	6 - M5	10 - 1/4
4 - M5	6 - 1/8	10 - 3/8
4 - 1/8	6 - 1/4	12 - 3/8
5 - M5	8 - 1/8	12 - 1/2
5 - 1/8	8 - 1/4	14 - 1/2
5 - 1/4	8 - 3/8	

50910

ORIENTING FLOW REGULATOR FOR VALVE
"UNIVERSAL SHORT"



3 - M5	6 - M5	10 - 1/4
4 - M5	6 - 1/8	10 - 3/8
4 - 1/8	6 - 1/4	12 - 3/8
5 - M5	8 - 1/8	12 - 1/2
5 - 1/8	8 - 1/4	14 - 1/2
5 - 1/4	8 - 3/8	

50920

ORIENTING BI-DIRECTIONAL FLOW
REGULATOR "UNIVERSAL SHORT"



3 - M5	6 - M5	10 - 1/4
4 - M5	6 - 1/8	10 - 3/8
4 - 1/8	6 - 1/4	12 - 3/8
5 - M5	8 - 1/8	12 - 1/2
5 - 1/8	8 - 1/4	14 - 1/2
5 - 1/4	8 - 3/8	

50905

ORIENTING FLOW REGULATOR FOR CYLINDER
"UNIVERSAL SHORT"



3 - M5	6 - 1/8	12 - 3/8
4 - M5	6 - 1/4	12 - 1/2
4 - 1/8	8 - 1/8	14 - 1/2
5 - M5	8 - 1/4	
5 - 1/8	8 - 3/8	
5 - 1/4	10 - 1/4	
6 - M5	10 - 3/8	

50915

 ORIENTING FLOW REGULATOR FOR VALVE
"UNIVERSAL SHORT"


3 - M5	6 - M5	10 - 1/4
4 - M5	6 - 1/8	10 - 3/8
4 - 1/8	6 - 1/4	12 - 3/8
5 - M5	8 - 1/8	12 - 1/2
5 - 1/8	8 - 1/4	14 - 1/2
5 - 1/4	8 - 3/8	

50925

 ORIENTING BI-DIRECTIONAL FLOW
REGULATOR "UNIVERSAL SHORT"


3 - M5	6 - M5	10 - 1/4
4 - M5	6 - 1/8	10 - 3/8
4 - 1/8	6 - 1/4	12 - 3/8
5 - M5	8 - 1/8	12 - 1/2
5 - 1/8	8 - 1/4	14 - 1/2
5 - 1/4	8 - 3/8	

55900

 ORIENTING FLOW REGULATOR FOR CYLINDER
"UNIVERSAL SHORT"


4 - M5	6 - M5	8 - 3/8
4 - 1/8	6 - 1/8	10 - 3/8
5 - M5	6 - 1/4	12 - 3/8
5 - 1/8	8 - 1/8	12 - 1/2
5 - 1/4	8 - 1/4	

55910

 ORIENTING FLOW REGULATOR FOR VALVE
"UNIVERSAL SHORT"


4 - M5	6 - M5	8 - 3/8
4 - 1/8	6 - 1/8	10 - 3/8
5 - M5	6 - 1/4	12 - 3/8
5 - 1/8	8 - 1/8	12 - 1/2
5 - 1/4	8 - 1/4	

55920

 ORIENTING BI-DIRECTIONAL FLOW
REGULATOR "UNIVERSAL SHORT"


4 - M5	6 - M5	8 - 3/8
4 - 1/8	6 - 1/8	10 - 3/8
5 - M5	6 - 1/4	12 - 3/8
5 - 1/8	8 - 1/8	12 - 1/2
5 - 1/4	8 - 1/4	

55905

 ORIENTING FLOW REGULATOR FOR CYLINDER
"UNIVERSAL SHORT"


4 - M5	6 - M5	8 - 3/8
4 - 1/8	6 - 1/8	10 - 3/8
5 - M5	6 - 1/4	12 - 3/8
5 - 1/8	8 - 1/8	12 - 1/2
5 - 1/4	8 - 1/4	

55915

 ORIENTING FLOW REGULATOR FOR VALVE
"UNIVERSAL SHORT"


4 - M5	6 - M5	8 - 3/8
4 - 1/8	6 - 1/8	10 - 3/8
5 - M5	6 - 1/4	12 - 3/8
5 - 1/8	8 - 1/8	12 - 1/2
5 - 1/4	8 - 1/4	

55925

 ORIENTING BI-DIRECTIONAL FLOW
REGULATOR "UNIVERSAL SHORT"


4 - M5	6 - M5	8 - 3/8
4 - 1/8	6 - 1/8	10 - 3/8
5 - M5	6 - 1/4	12 - 3/8
5 - 1/8	8 - 1/8	12 - 1/2
5 - 1/4	8 - 1/4	

55902

 ORIENTING FLOW REGULATOR FOR CYLINDER
(PARALLEL)

New



4 - 1/8	8 - 1/8	10 - 3/8
6 - 1/8	8 - 1/4	12 - 3/8
6 - 1/4	8 - 3/8	12 - 1/2

55912

 ORIENTING FLOW REGULATOR FOR VALVE
(PARALLEL)

New



4 - 1/8	8 - 1/8	10 - 3/8
6 - 1/8	8 - 1/4	12 - 3/8
6 - 1/4	8 - 3/8	12 - 1/2

55922

 ORIENTING BI-DIRECTIONAL FLOW
REGULATOR (PARALLEL)

New



4 - 1/8	8 - 1/8	10 - 3/8
6 - 1/8	8 - 1/4	12 - 3/8
6 - 1/4	8 - 3/8	12 - 1/2

55906

 ORIENTING FLOW REGULATOR FOR CYLINDER
(PARALLEL)

New



6 - 1/4	10 - 3/8
8 - 1/8	12 - 3/8
8 - 1/4	12 - 1/2
8 - 3/8	

55916

 ORIENTING FLOW REGULATOR FOR VALVE
(PARALLEL)

New



6 - 1/4	10 - 3/8
8 - 1/8	12 - 3/8
8 - 1/4	12 - 1/2
8 - 3/8	

55926

 ORIENTING BI-DIRECTIONAL FLOW
REGULATOR (PARALLEL)

New



6 - 1/4	10 - 3/8
8 - 1/8	12 - 3/8
8 - 1/4	12 - 1/2
8 - 3/8	

56900

ORIENTING FLOW REGULATOR FOR CYLINDER

New



4 - M5
6 - M5

56910

ORIENTING FLOW REGULATOR FOR VALVE

New



4 - M5
6 - M5

56920

 ORIENTING BI-DIRECTIONAL FLOW
REGULATOR

New



4 - M5
6 - M5

56935

ORIENTING FLOW REGULATOR FOR CYLINDER

New



4 - M5
6 - M5
4 - 1/8
6 - 1/8

56945

ORIENTING FLOW REGULATOR FOR VALVE

New



4 - M5
6 - M5
4 - 1/8
6 - 1/8

56955

 ORIENTING BI-DIRECTIONAL FLOW
REGULATOR

New



4 - M5
6 - M5
4 - 1/8
6 - 1/8

57901

ORIENTING FLOW REGULATOR FOR CYLINDER
"UNIVERSAL SHORT"



4 - M5	6 - 1/8	10 - 3/8
4 - 1/8	6 - 1/4	12 - 3/8
5 - M5	8 - 1/8	12 - 1/2
5 - 1/8	8 - 1/4	14 - 1/2
5 - 1/4	8 - 3/8	
6 - M5	10 - 1/4	

57915

ORIENTING FLOW REGULATOR FOR VALVE
"UNIVERSAL SHORT"



4 - M5	6 - 1/8	10 - 3/8
4 - 1/8	6 - 1/4	12 - 3/8
5 - M5	8 - 1/8	12 - 1/2
5 - 1/8	8 - 1/4	14 - 1/2
5 - 1/4	8 - 3/8	
6 - M5	10 - 1/4	

57910

ORIENTING FLOW REGULATOR FOR VALVE
"UNIVERSAL SHORT"



4 - M5	6 - 1/8	10 - 3/8
4 - 1/8	6 - 1/4	12 - 3/8
5 - M5	8 - 1/8	12 - 1/2
5 - 1/8	8 - 1/4	14 - 1/2
5 - 1/4	8 - 3/8	
6 - M5	10 - 1/4	

57920

ORIENTING BI-DIRECTIONAL FLOW
REGULATOR "UNIVERSAL SHORT"



4 - M5	6 - 1/8	10 - 3/8
4 - 1/8	6 - 1/4	12 - 3/8
5 - M5	8 - 1/8	12 - 1/2
5 - 1/8	8 - 1/4	14 - 1/2
5 - 1/4	8 - 3/8	
6 - M5	10 - 1/4	

57905

ORIENTING FLOW REGULATOR FOR CYLINDER
"UNIVERSAL SHORT"



4 - M5	6 - 1/8	10 - 3/8
4 - 1/8	6 - 1/4	12 - 3/8
5 - M5	8 - 1/8	12 - 1/2
5 - 1/8	8 - 1/4	14 - 1/2
5 - 1/4	8 - 3/8	
6 - M5	10 - 1/4	

FLOW REGULATORS VALVES 8900 SERIES
8900

FLOW REGULATOR FOR CYLINDER



M5
1/8
1/4
3/8
1/2

8910

FLOW REGULATOR FOR VALVE



M5
1/8
1/4
3/8
1/2

8920

BI-DIRECTIONAL FLOW REGULATOR



M5
1/8
1/4
3/8
1/2

8905

FLOW REGULATOR FOR CILINDER



M5
1/8
1/4
3/8
1/2

8915

FLOW REGULATOR FOR VALVE



M5
1/8
1/4
3/8
1/2

8925

BL-DIRECTIONAL FLOW REGULATOR



M5
1/8
1/4
3/8
1/2

1500

SINGLE BANJO BODY
(ADJUSTABLE RESTRICTOR VALVES M5)



4/2.7 - M6
6/4 - M6

1500

SINGLE BANJO BODY



4/2.7 - 1/8	8/6 - 1/4	10/8 - 1/2
5/3 - 1/8	8/6 - 3/8	12/10 - 3/8
6/4 - 1/8	8/6 - 1/2	12/10 - 1/2
6/4 - 1/4	10/8 - 1/8	15/12.5 - 1/2
6/4 - 3/8	10/8 - 1/4	
8/6 - 1/8	10/8 - 3/8	

50505

SINGLE BANJO BODY
(ADJUSTABLE RESTRICTOR VALVES M5)



3 - M6
4 - M6
5 - M6
6 - M6

50500

SINGLE BANJO BODY



4 - 1/8	8 - 1/8	12 - 3/8
5 - 1/8	8 - 1/4	12 - 1/2
5 - 1/4	8 - 3/8	14 - 1/2
6 - 1/8	10 - 1/4	
6 - 1/4	10 - 3/8	

57505

SINGLE BANJO BODY
(ADJUSTABLE RESTRICTOR VALVES M5)



4 (5/32) - M6
5 - M6
6 - M6

57500

SINGLE BANJO BODY



4 - 1/8	8 - 1/8	12 - 3/8
5 - 1/8	8 - 1/4	12 - 1/2
5 - 1/4	8 - 3/8	14 - 1/2
6 - 1/8	10 - 1/4	
6 - 1/4	10 - 3/8	

89505
SINGLE BANJO BODY
(ADJUSTABLE RESTRICTOR VALVES M5)



5/32 (4) - M6
1/8 - M6
1/4 - M6

6090
FEMALE SINGLE BANJO BODY



1/8
1/4
3/8

IN LINE ADJUSTABLE RESTRICTOR VALVES



Component Parts and Materials

- Nickel-Plated Brass Nipple
- Technopolymeric Body
- NBR O-Ring seal



Temperatures

- 20 °C
+ 80 °C



Pressures

1 bar (0.1 MPa)
10 bar (1 MPa)



Fluids

- Compressed air



Reference Standard

1907/2006 REACH ✓	2011/65/CE RoHS ✓	97/23/CE (PED)	SILICON FREE
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Connection Tubes

Plastic tubes:
PA6, PA11, PA12, Polyethylene, *Polyurethane, PTFE, FEP.
**For Polyurethane hoses it is required a minimum hardness of 98 shore.*



Threads

- "UNIVERSAL SHORT" Threads (See p. 18).

55940
TUBE IN-LINE NEEDLE VALVE
(UNIDIRECTIONAL FLOW)



4
6
8
10

55945
MALE "UNIVERSAL SHORT" - TUBE IN-LINE
FLOW CONTROL (CONTROLLED FLOW OUT)



4 - 1/8
6 - 1/8
6 - 1/4
8 - 1/4
8 - 3/8
10 - 3/8
10 - 1/2

55950
MALE "UNIVERSAL SHORT" - TUBE IN-LINE
FLOW CONTROL (CONTROLLED FLOW IN)



4 - 1/8
6 - 1/8
6 - 1/4
8 - 1/4
8 - 3/8
10 - 3/8
10 - 1/2

55955
TUBE IN-LINE NEEDLE VALVE
(BIDIRECTIONAL FLOW)



4
6
8
10

55960
MALE "UNIVERSAL SHORT" - TUBE IN-LINE
FLOW CONTROL (BIDIRECTIONAL FLOW)



4 - 1/8
6 - 1/8
6 - 1/4
8 - 1/4
8 - 3/8
10 - 3/8
10 - 1/2

IN LINE PRESSURE REGULATOR



Component Parts and Materials

- Nickel-Plated Brass Nipple
- Techopolymeric Body
- NBR O-Ring seal



Temperatures

- 20 °C
+ 80 °C



Inlet Pressures (Set the pressure always uphill)

2 bar (0.2 MPa)
10 bar (1 MPa)



Fluids

- Compressed air



Reference Standard

1907/2006
REACH ✓

2011/65/CE
RoHS ✓

97/23/CE
(PED)

**SILICON
FREE**



Connection Tubes

Plastic tubes:

PA6, PA11, PA12, Polyethylene, *Polyurethane, PTFE, FEP.

**For Polyurethane hoses it is required a minimum hardness of 98 shore.*



Threads

- "UNIVERSAL SHORT" Threads (See p. 18).



Regulation Range

1 ÷ 8 bar (0.1 ÷ 0.8 MPa)

55970

TUBE IN LINE PRESSURE REGULATOR



6
8

55975

TUBE - MALE "UNIVERSAL SHORT" IN-LINE
PRESSURE REGULATOR



6 - 1/8
6 - 1/4
8 - 1/4
8 - 3/8

55980

MALE "UNIVERSAL SHORT" - TUBE IN-LINE
PRESSURE REGULATOR



6 - 1/8
6 - 1/4
8 - 1/4
8 - 3/8

ALUMINIUM FLOW REGULATOR



Component Parts and Materials

- Anodized aluminium Body
- Brass Nipple
- NBR O-Ring seal



Pressures

1 bar (0,1 MPa)
10 bar (1 MPa)



Temperatures

- 20 °C
+ 80 °C

8850

UNI DIRECTIONAL FLOW REGULATOR



M5
1/8
1/4
3/8
1/2

8860

BI-DIRECTIONAL FLOW REGULATOR



M5
1/8
1/4
3/8
1/2

LOGIC ELEMENTS



Component Parts and Materials

- Anodised aluminium body
- NBR seals
- Internal parts in brass



Threaded
G 1/8



Nominal orifice
2.5 mm



Pressures

2 bar (0.2 MPa)
10 bar (1 MPa)



Temperatures

- 10 °C
+ 60 °C



Fluids

- Compressed air

8870

IN-LINE "OR" LOGIC ELEMENT



1/8

8872

IN-LINE "AND" LOGIC ELEMENT



1/8

QUICK EXHAUST VALVES



Component Parts and Materials

- Nickel-plated Brass Body
- PA66 Flat Seals
- NBR Pad



Reference Standard

1907/2006
REACH ✓

2011/65/CE
RoHS ✓

97/23/CE
(PED)

SILICON
FREE



Pressures

0.3 bar (0.03 MPa)
10 bar (1 MPa)



Temperatures

- 20 °C
+ 80 °C



Fluids

- Compressed air



Threads

- Parallel gas in conformity with ISO 228.
- Metric in conformity with ISO R/262.

6050

QUICK EXHAUST VALVE



M5
1/8
1/4
3/8

1/2
3/4
1"

6052

PAD FOR QUICK EXHAUST VALVE
MADE IN NBR



M5
1/8
1/4
3/8

1/2
3/4
1"

6052

PAD FOR QUICK EXHAUST VALVE
MADE IN POLYURETHANE



1/8
1/4
1/2
3/4

6053

CAP SEAL



M5
1/8
1/4
3/8

1/2
3/4
1"

SLIDE VALVES



Component Parts and Materials

- Grey anodized Aluminium Sleeve
- Chrome-Nickel plated Brass Stem
- NBR O-RING Seals



Reference Standard

1907/2006
REACH ✓

2011/65/CE
RoHS ✓

97/23/CE
(PED)

SILICON
FREE


Pressures

0.3 bar (0.03 MPa)
10 bar (1 MPa)


Temperatures

- 20 °C
+ 80 °C


Fluids

- Compressed air

6060
SLIDE VALVE


1/8
1/4
3/8
1/2

UNIDIRECTIONAL VALVES OR NON RETURN VALVES



Component Parts and Materials

- Nickel-plated Brass Body
- NBR O-RING Seals



Reference Standard

1907/2006
REACH ✓

2011/65/CE
RoHS ✓

97/23/CE
(PED)

SILICON
FREE


Pressures

2 bar (0.2 MPa)
8 bar (0.8 MPa)

Approximate opening pressure:
0.2 bar (0.02 MPa)



Threads

- Parallel gas in conformity with ISO 228.



Temperatures

- 20 °C
+ 80 °C

FKM:

6062	6063	6064
-15 °C	-15 °C	-15 °C
+200 °C	+200 °C	+130 °C



Fluids

- Compressed air

6062
FEMALE-FEMALE NON RETURN VALVE


M5
1/8
1/4
3/8
1/2

6063
MALE-FEMALE NON-RETURN VALVE


M5
1/8
1/4
3/8
1/2

6064
PUSH-IN CONNECTIONS NON-RETURN VALVE


4
6
8

BLOCK VALVES



Component Parts and Materials

- Nickel-plated Brass Body
- NBR O-RING Seals



Reference Standard

1907/2006
REACH ✓

2011/65/CE
RoHS ✓

97/23/CE
(PED)

SILICON
FREE

**Bar**

Pressures
0.3 bar (0.03 MPa)
10 bar (1 MPa)

**Temperatures**
- 20 °C
+ 80 °C

**6 bar Flow rate (Δp 1 bar)**

1/8	1/4
750 NI/min	1420 NI/min

**Size**
1/8 - 1/4

**Nominal orifice**

1/8	1/4
Ø 5.5 mm	Ø 8 mm

**Fluids**

- Filtered and lubricated compressed air as well as non lubricated air

8880

UNI-DIRECTIONAL BLOCK VALVE



1/8

1/4

8890

BI-DIRECTIONAL BLOCK VALVE



1/8

1/4

36

Ghilux 系列

球阀



应用

- 压缩空气、工具
- 气动自动化
- 流体技术
- 食品饮料
- 生命科学
- 惰性气体、真空
- 水暖管道



参考标准

1907/2006
REACH ✓

2011/65/CE
RoHS ✓

97/23/CE
(PED)

ISO
14743:2004

SILICON
FREE



部件及材料

- 铜镀镍铬本体
- PTFE 基座
- NBR O型圈密封 (可订制FKM-EPDM-HNBR密封材料)



螺纹

- 锥螺纹-符合 ISO7.1、BS21及DIN2999 标准
- 直螺纹-符合 ISO228-A 标准



工作压力

-0.99 bar (-0.099 MPa)
20 bar (2 MPa)



工作温度

- 20 °C
+ 80 °C

FKM
- 15 °C
+ 130 °C

EPDM
- 40 °C
+ 130 °C

HNBR
- 30 °C
+ 130 °C



适合流体

- 压缩空气
- 水
- 油
- 第一和二类 中压燃气
- 第三类 低压燃气

6300

双内螺纹球阀 RP内螺纹-RP内螺纹



1/8 - 1/8
1/4 - 1/4
3/8 - 3/8

1/2 - 1/2
3/4 - 3/4

6310

内外螺纹球阀 R外螺纹-RP内螺纹



1/8 - 1/8
1/4 - 1/8
1/4 - 1/4

3/8 - 3/8
1/2 - 1/2
3/4 - 3/4

6320

内外螺纹球阀 G外螺纹-RP内螺纹



1/8 - 1/8
1/4 - 1/8
1/4 - 1/4

3/8 - 3/8
1/2 - 1/2
3/4 - 3/4

6330

双外螺纹球阀 R外螺纹-G外螺纹



1/8 - 1/8
1/8 - 1/4
1/4 - 1/8
1/4 - 1/4

3/8 - 3/8
1/2 - 1/2
3/4 - 3/4

6340

内螺纹卡套球阀 RP内螺纹



6 - 1/8
8 - 1/8
8 - 1/4

10 - 3/8
12 - 3/8
14 - 1/2

15 - 1/2
16 - 3/4
18 - 3/4

6350

外螺纹卡套球阀 R外螺纹



1/8 - 6
1/8 - 8
1/4 - 6
1/4 - 8

3/8 - 10
3/8 - 12
1/2 - 14
1/2 - 15

3/4 - 16
3/4 - 18

6400

双内螺纹球阀 G内螺纹-G内螺纹



1/8 - 1/8
1/4 - 1/4
3/8 - 3/8

1/2 - 1/2
3/4 - 3/4

6410

内外螺纹球阀 G外螺纹-G内螺纹



1/8 - 1/8
1/4 - 1/8
1/4 - 1/4

3/8 - 3/8
1/2 - 1/2
3/4 - 3/4

6420
双外螺纹球阀 G外螺纹-G外螺纹



1/8 - 1/8	3/8 - 1/4	1/2 - 1/2
1/8 - 1/4	3/8 - 3/8	3/4 - 1/2
1/4 - 1/4	1/2 - 3/8	3/4 - 3/4

6430
内螺纹卡套球阀 G内螺纹



6 - 1/8	10 - 3/8	15 - 1/2
8 - 1/8	12 - 3/8	16 - 3/4
8 - 1/4	14 - 1/2	18 - 3/4

6440
外螺纹卡套球阀 G外螺纹



1/8 - 6	3/8 - 12	3/4 - 14
1/8 - 8	3/8 - 14	3/4 - 15
1/4 - 6	3/8 - 15	3/4 - 16
1/4 - 8	1/2 - 10	3/4 - 18
1/4 - 10	1/2 - 12	
3/8 - 8	1/2 - 14	
3/8 - 10	1/2 - 15	

6450
管对管卡套球阀



6 - 6	14 - 10	16 - 14
6 - 8	14 - 12	16 - 15
8 - 8	15 - 10	18 - 14
10 - 8	15 - 12	18 - 15
10 - 10	14 - 14	18 - 16
10 - 12	15 - 14	18 - 18
12 - 12	15 - 15	

6460
卡口式球阀 R外螺纹

NO GAS



1/8
1/4
3/8

6470
卡口式球阀 G内螺纹

NO GAS



1/8
1/4

6490
双内螺纹球阀 带安装脚



1/4 - 1/4
3/8 - 3/8

6500
管对管卡套球阀 带安装脚



8 - 8

6540
双外螺纹直角球阀 R外螺纹-G外螺纹



1/4 - 1/4

6560
管对管快插球阀

NO GAS



4 - 4	10 - 10
6 - 6	12 - 12
8 - 8	

6570
外螺纹快插球阀 R外螺纹

NO GAS



1/8 - 4	1/4 - 6
1/8 - 6	1/4 - 8
1/8 - 8	

6600
双内螺纹球阀 G内螺纹-G内螺纹
带排气孔

NO GAS



1/8 - 1/8
1/4 - 1/4
3/8 - 3/8

86300
双内螺纹球阀
NPTF内螺纹-NPTF内螺纹



1/8 - 1/8
1/4 - 1/4
3/8 - 3/8
1/2 - 1/2

86310
内外螺纹球阀
NPTF外螺纹-NPTF内螺纹



1/8 - 1/8
1/4 - 1/4
3/8 - 3/8
1/2 - 1/2

GHINOX 系列 不锈钢迷你球阀

AISS 316L



工作压力

- 0.99 bar (-0.099 MPa)
40 bar (4 MPa)



工作温度

- 15 °C 最低温度
+ 150 °C 最高持续温度
+ 180 °C 最高短时温度

66300
双内螺纹球阀 RP内螺纹-RP内螺纹



1/8 - 1/8
1/4 - 1/4

66310
内外螺纹球阀 R外螺纹-RP内螺纹



1/8 - 1/8
1/4 - 1/4

两通-三通 迷你球阀

6700
内螺纹三通球阀 L型 中封式 G内螺纹



1/8 - 1/8 - 1/8
1/4 - 1/4 - 1/4
3/8 - 3/8 - 3/8

6910
长手柄



A = 球阀螺纹 1/8 - 1/4 - 3/8
B = 球阀螺纹 1/2 - 3/4

6710
内螺纹三通球阀 T型 中通式 G内螺纹



1/8 - 1/8 - 1/8
1/4 - 1/4 - 1/4
3/8 - 3/8 - 3/8

6915
加高阀杆 (带长手柄及螺钉)



A = 球阀螺纹 1/8 - 1/4 - 3/8
B = 球阀螺纹 1/2 - 3/4

6720
内螺纹直角球阀 L型 G内螺纹



1/8 - 1/8
1/4 - 1/4
3/8 - 3/8

6920
彩色标识贴



可选颜色 :
RO 红色
GI 黄色
BL 蓝色
VE 绿色
BN 白色

A = 球阀螺纹 1/8 - 1/4 - 3/8
B = 球阀螺纹 1/2 - 3/4

6900
短手柄



A = 球阀螺纹 1/8 - 1/4 - 3/8
B = 球阀螺纹 1/2 - 3/4

6680
螺母



6 - 1/8 12 - 3/8 16 - 3/4
8 - 1/4 14 - 1/2 18 - 3/4
10 - 3/8 15 - 1/2

10740
黄铜卡套



6 12
8 15
10 18

10741
黄铜卡套



14
16

10760
PTFE卡套



6 12
8 15
10 18

10761
PTFE卡套



14
16

迷你球阀

6065 **NO GAS**
双内螺纹迷你球阀 G内螺纹-G内螺纹



1/8 1/2
1/4 3/4
3/8

6066 **NO GAS**
内外螺纹迷你球阀 G外螺纹-G内螺纹



1/8 1/2
1/4 3/4
3/8

球阀

6067
双内螺纹球阀 G内螺纹-G内螺纹



1/2 1"1/4
3/4 1"1/2
1" 2"

6068
双内螺纹燃气球阀 G内螺纹-G内螺纹



1/4 3/4 1"1/2
3/8 1" 2"
1/2 1"1/4

6069
内外螺纹球阀 G外螺纹-G内螺纹



1/2 - 1/2 1"1/4 - 1"1/4
3/4 - 3/4 1"1/2 - 1"1/2
1" - 1" 2" - 2"

3 WAYS BALL VALVES FEMALE - "T" & "L"

6074

3 WAYS BALL VALVE "L" FEMALE
G ISO 228

New



1/4"	1"
3/8"	1 - 1/4"
1/2"	1 - 1/2"
3/4"	2"

6075

3 WAYS BALL VALVE "T" FEMALE
G ISO 228

New



1/4"	1"
3/8"	1 - 1/4"
1/2"	1 - 1/2"
3/4"	2"

Y FILTER

6035

"Y" FILTER



1/4	1"1/2
3/8	2"
1/2	2"1/2
3/4	3"
1"	4"
1"1/4	

NO RETURN VALVES

6036

NON RETURN VALVE



3/8	1"1/4
1/2	1"1/2
3/4	2"
1"	

6037

FINAL VALVE



1/2	1"1/4
3/4	1"1/2
1"	2"

6038

STRECHED NET FILTER



1/2	1"1/4
3/4	1"1/2
1"	2"

Serie Adapters

NICKEL-PLATED BRASS ADAPTORS



Application

- Compressed Air
- Pneumatic Automation
- Industrial water circuits
- Inert Gases, Fluids, Steam
- Vacuum



Component Parts and Materials

- The main part of these fittings is made in brass and undergo to a nickel-plating process.
- Different materials will be specified in the General catalogue.



Maximum temperature

+ 300 °C



Size	Maximum Pressure Advised
1/8	150 bar
1/4	100 bar
3/8	75 bar
1/2	50 bar
3/4	85 bar
1"	80 bar



Reference Standard

1907/2006 REACH ✓	2011/65/CE RoHS ✓	97/23/CE (PED)	ISO 14743:2004	SILICON FREE
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Connection Tubes

Tubes and fittings in general.



Threads

- Tapered gas in conformity with ISO7.1, BS 21, DIN 2999.
- Parallel gas in conformity with ISO 228 Class A.
- Metric in conformity with ISO R/262.



Fluids

- Water
- Oils
- Compressed air
- Fluids in general for the hydraulic, pneumatic and oildynamic plants etc.

2000 NIPPLE (TAPER)



1/8 1/2
1/4 3/4
3/8 1"

2010 NIPPLE (PARALLEL)



M5 1/2
1/8 3/4
1/4 1"
3/8

2020 REDUCING NIPPLE (TAPER)



1/8 - 1/4 1/4 - 3/8 1/2 - 3/4
1/8 - 3/8 1/4 - 1/2 3/4 - 1"
1/8 - 1/2 3/8 - 1/2

2030 REDUCING NIPPLE (PARALLEL)



M5 - 1/8 1/4 - 1/2
1/8 - 1/4 3/8 - 1/2
1/8 - 3/8 1/2 - 3/4
1/4 - 3/8

2040 REDUCER (TAPER)



1/8 - 1/8 1/4 - 3/8 1/2 - 1/2
1/8 - 1/4 1/4 - 1/2 1/2 - 3/4
1/8 - 3/8 3/8 - 3/8
1/4 - 1/4 3/8 - 1/2

2050 REDUCER (PARALLEL)



M5 - 1/8 1/4 - 1/4 3/8 - 1/2
1/8 - 1/8 1/4 - 3/8 1/2 - 1/2
1/8 - 1/4 1/4 - 1/2
1/8 - 3/8 3/8 - 3/8

2060 TAPER NIPPLE (3 PIECES)



1/8 3/4
1/4 1"
3/8
1/2

2070 EXTENSION (PARALLEL)



1/8 - 1/8 - L=22 1/4 - 1/4 - L=35
1/8 - 1/8 - L=32 1/4 - 1/4 - L=51
1/8 - 1/8 - L=42 3/8 - 3/8 - L=32
1/8 - 1/8 - L=51 1/2 - 1/2 - L=35
1/4 - 1/4 - L=28

2080 REDUCER (TAPER)



1/4 - 1/8	1/2 - 3/8	1"1/4 - 1/2
3/8 - 1/8	3/4 - 3/8	1"1/4 - 3/4
1/2 - 1/8	3/4 - 1/2	1"1/4 - 1"
3/8 - 1/4	1" - 1/2	1"1/2 - 1"
1/2 - 1/4	1" - 3/4	2" - 1"

2096 NUT



1/8
1/4
3/8
1/2

3000 SLEEVE



M5	1/2
1/8	3/4
1/4	1"
3/8	

3020 MALE PLUG (PARALLEL)



M5	1/2
1/8	3/4
1/4	1"
3/8	

3030 FEMALE PLUG



1/8
1/4
3/8
1/2

3050 FEMALE HOSE ADAPTER



6 - 1/8	8 - 1/4	10 - 3/8
6 - 1/4	9 - 1/4	12 - 3/8
7 - 1/8	9 - 3/8	12 - 1/2
7 - 1/4	10 - 1/4	

2090 REDUCER (PARALLEL)



1/8 - M5	3/8 - 1/4	3/4 - 3/8
1/4 - 1/8	1/2 - 1/4	3/4 - 1/2
3/8 - 1/8	1/2 - 3/8	
1/2 - 1/8	3/4 - 1/4	

2110 ORIENTING NIPPLE (TAPER)



1/8
1/4
3/8

3010 REDUCING SLEEVE



M5 - 1/8	1/4 - 3/8	1/2 - 1"
1/8 - 1/4	1/4 - 1/2	3/4 - 1"
1/8 - 3/8	3/8 - 1/2	
1/8 - 1/2	1/2 - 3/4	

3021 MALE PLUG (TAPER)



1/8	1/2
1/4	3/4
3/8	1"

3040 MALE HOSE ADAPTER (TAPER)



4 - 1/8	10 - 1/8	17 - 3/8
6 - 1/8	10 - 1/4	17 - 1/2
6 - 1/4	10 - 3/8	18 - 3/8
7 - 1/8	10 - 1/2	18 - 1/2
7 - 1/4	12 - 1/4	18 - 3/4
8 - 1/8	12 - 3/8	20 - 3/8
8 - 1/4	12 - 1/2	20 - 1/2
8 - 3/8	14 - 3/8	20 - 3/4
9 - 1/8	14 - 1/2	25 - 3/4
9 - 1/4	16 - 3/8	25 - 1"
9 - 3/8	16 - 1/2	
9 - 1/2	16 - 3/4	

3055 MALE HOSE ADAPTER ELBOW



6 - 1/8	7 - 1/4
6 - 1/4	9 - 1/4
7 - 1/8	

2092 REDUCER (PARALLEL) WITH NBR O-RING



1/8 - M5	3/8 - 1/4	3/4 - 1/4
1/4 - M5	1/2 - 1/8	3/4 - 3/8
1/4 - 1/8	1/2 - 1/4	3/4 - 1/2
3/8 - 1/8	1/2 - 3/8	

2115 ORIENTING NIPPLE (PARALLEL)



1/8
1/4
3/8

3015 MALE PLUG (PARALLEL) WITH EXAGON EMBEDDED AND NBR O-RING



M5	1/2	3/4
1/8	M8x1	1"
1/4	M10x1	
3/8	M12x1,25	

3025 MALE PLUG (TAPER)



1/8
1/4
3/8
1/2

3044 MALE HOSE ADAPTER (PARALLEL) WITH O-RING



4.5 - M5	9 - 1/4	14 - 3/8
6 - 1/4	9 - 3/8	14 - 1/2
7 - 1/8	10 - 1/4	13 - 1/2
7 - 1/4	10 - 3/8	17 - 3/8
8 - 1/8	10 - 1/2	17 - 1/2
8 - 1/4	12 - 1/4	19 - 3/4
8 - 3/8	12 - 3/8	20 - 3/4
8 - 1/2	12 - 1/2	25 - 1"
9 - 1/8	13 - 1/2	27 - 1"

3060 BULKHEAD CONNECTOR



M5	3/8
1/8	1/2
1/4	3/4

2095 REDUCER (PARALLEL)



1/4 - 1/8	3/4 - 1/2
3/8 - 1/4	1" - 3/4
1/2 - 3/8	

2116 MALE ORIENTING NIPPLE WITH OR (PARALLEL) New



1/8
1/4
3/8

3015V MALE PLUG (PARALLEL) WITH EXAGON EMBEDDED AND FKM O-RING



M5	3/8
1/8	1/2
1/4	

3026 MALE PLUG (PARALLEL)



1/8	1/2
1/4	3/4
3/8	

3045 MALE HOSE ADAPTER (PARALLEL)



4.5 - M5	8 - 1/4	12 - 3/8
6 - 1/8	9 - 1/8	12 - 1/2
6 - 1/4	9 - 1/4	17 - 3/8
7 - 1/8	9 - 3/8	17 - 1/2
7 - 1/4	9 - 1/2	
8 - 1/8	12 - 1/4	

1704 NUT



M10x1	M26x1.5
M16x1.5	M28x1.5
M20x1.5	M33x1.5

4000 FEMALE TEE



1/8	1/2
1/4	3/4
3/8	1"

4010 MALE TEE



1/8	1/2
1/4	3/4
3/8	1"

4020 CENTRE LEG FEMALE TEE



1/8	1/2
1/4	3/4
3/8	1"

4030 OFF SET FEMALE TEE



1/8	1/2
1/4	3/4
3/8	1"

4040 CENTRE LEG MALE TEE



1/8	1/2
1/4	3/4
3/8	1"

4050 OFF SET MALE TEE



M5	1/2
1/8	3/4
1/4	1"
3/8	

5000 MALE ELBOW



M5	1/2
1/8	3/4
1/4	1"
3/8	

5010 FEMALE ELBOW



M5	1/2
1/8	3/4
1/4	1"
3/8	

5020 MALE-FEMALE ELBOW



M5	1/2
1/8	3/4
1/4	1"
3/8	

5050 FEMALE BRACKET FITTING 90°



1/2

6000 CENTRAL MALE Y 90°



1/8
1/4
3/8
1/2

6010 FEMALE Y 90°



1/8
1/4
3/8
1/2

6020 FEMALE EQUAL CROSS



1/8
1/4
3/8
1/2

6025 MALE-FEMALE EQUAL CROSS



1/8
1/4
3/8
1/2

6030 MALE EQUAL CROSS



1/8
1/4
3/8
1/2

6040 ALUMINIUM TEE CROSS



1/8
1/4
3/8
1/2

6047 ALUMINIUM DISTRIBUTION MANIFOLD



1/4 - 1/8 - L=65	3/8 - 1/4 - L=184
1/4 - 1/8 - L=95	3/8 - 1/4 - L=220
1/4 - 1/8 - L=125	1/2 - 3/8 - L=90
1/4 - 1/8 - L=155	1/2 - 3/8 - L=130
1/4 - 1/8 - L=185	1/2 - 3/8 - L=170
3/8 - 1/4 - L=76	1/2 - 3/8 - L=210
3/8 - 1/4 - L=112	1/2 - 3/8 - L=250
3/8 - 1/4 - L=148	

6048 ALUMINIUM DOUBLE DISTRIBUTION MANIFOLD



1/4 - 1/8 - L=65	3/8 - 1/4 - L=184
1/4 - 1/8 - L=95	3/8 - 1/4 - L=220
1/4 - 1/8 - L=125	1/2 - 3/8 - L=90
1/4 - 1/8 - L=155	1/2 - 3/8 - L=130
1/4 - 1/8 - L=185	1/2 - 3/8 - L=170
3/8 - 1/4 - L=76	1/2 - 3/8 - L=210
3/8 - 1/4 - L=112	1/2 - 3/8 - L=250
3/8 - 1/4 - L=148	

6070 MALE-FEMALE ELBOW FITTING



1/8 - 1/8
1/4 - 1/4

6080 MALE-FEMALE-FEMALE TEE FITTING



1/8 - 1/8
1/4 - 1/4

6090 FEMALE SINGLE BANJO BODY



1/8
1/4
3/8

82241 ADAPTER FEMALE BSP - MALE NPTF



1/8 - 1/8
1/4 - 1/4
3/8 - 3/8

82242 ADAPTER FEMALE NPTF - MALE G THREAD



1/8 - 1/8
1/4 - 1/4
3/8 - 3/8
1/2 - 1/2

7000 SILENCER



1/8	1/2
1/4	3/4
3/8	1"

7010 SILENCER  1/8 1/4 3/8 1/2 3/4	7020 SILENCER WITH WIRE MESH STAINLESS STEEL 304  M5 1/8 1/4 3/8 1/2 3/4 1"	7030 SILENCER  M5 1/8 1/4 3/8 1/2 3/4 1"	7040 SILENCER  1/8 1/4 3/8 1/2 3/4
7050 SILENCER  1/8 1/4 3/8 1/2	7060 PUSH-ON SILENCER  4 - 5/3 6 - 6/4	7070 SILENCER MADE IN ACETALIC RESIN WITH PLASTIC SOUNDPROOFING MATERIAL  1/8 1/4 3/8 1/2 3/4 1"	7080 SILENCER MADE IN PA66 WITH FELT  1/8 1/4 3/8 1/2 3/4 1"
AS7100 POROUS POLYETHYLENE SILENCER FOR PUSH-IN  4 6 8 10 12	7100 POROUS POLYETHYLENE SILENCER  M5 1/8 1/4 3/8 1/2 3/4 1"	7110 POROUS POLYETHYLENE RESTRICTOR SILENCER  M5 1/8 1/4 3/8 1/2	7120 PAD SILENCER WITH SLOT FOR SCREWDRIVER  1/8 1/4 3/8 1/2 3/4 1"
7130 SILENCER WITH FILTERING PAD - (TAPER) WITH SLOT FOR SCREWDRIVER  1/8 1/4 3/8 1/2 3/4 1"	7140 INTEGRAL SILENCER WITH SLOT FOR SCREWDRIVER  1/8 1/4 3/8 1/2 3/4 1"	7150 INTEGRAL SILENCER WITH HEXAGONAL WRENCH  1/8 1/4 3/8 1/2 3/4 1"	

SERIE 1800 FITTINGS WITH BAYONET CONNECTION

Pressures

-0.99 bar (-0.099 MPa)
15 bar (1.5 MPa)


Temperatures

- 20 °C
+ 70 °C

1810
FITTING FOR HOSES


For rubber hoses
14/6 - 1/4
17/8 - 1/4
19/10 - 1/4
23/13 - 1/2

For braided
polyurethane hoses
10/6 - 1/4
12/8 - 1/4
15/10 - 1/4

1/8
1/4
3/8

1830
MALE BAYONET


1/8
1/4
3/8

1831
FEMALE BAYONET


6
7
8

9
10
12

1832
BAYONET WITH REST

1833
BAYONET FOR RUBBER HOSE


14 - 6
17 - 8
19 - 10

1840
MALE FOR RUBBER HOSE


10/6 - 1/4
12/8 - 1/4
14/6 - 1/4

15/10 - 1/4
17/8 - 1/4
17/8 - 3/8

17/10 - 1/4
19/10 - 1/4
19/10 - 3/8

1841
FEMALE FOR RUBBER HOSE


10/6 - 1/4
12/8 - 1/4
14/6 - 1/4

15/10 - 1/4
17/8 - 1/4
17/8 - 3/8

17/10 - 1/4
19/10 - 1/4
19/10 - 3/8

1850
MALE WITH MILLED NUT


1/8
1/4
3/8

1851
FEMALE WITH MILLED NUT


1/4
3/8

1852
DOUBLE MILLED NUT


1/4

1853
TEE WITH MILLED NUTS


1/4

1855
STRAIGHT FITTING WITH BAYONET
CONNECTION + NUT AND SPRING


6/4
8/6

10/8
12/10

1860
STRAIGHT FITTING WITH BAYONET
CONNECTION + NUT AND SPRING


6/4
8/6

10/8
12/10

1808
MILLED NUT


1/4

1864
TIGHTENING SEAL FOR FITTINGS
WITH BAYONET CONNECTION

SERIE 1500 HOSE ADAPTERS FOR PLASTIC TUBES

Pressures

-0.99 bar (-0.099 MPa)
10 bar (1 MPa)


Temperatures

- 10 °C
+ 80 °C

15000
STRAIGHT HOSE MALE ADAPTOR


2 - M5
3 - M5
4 - M5
6 - M5

15040
STRAIGHT HOSE ADAPTOR


2 - 2
3 - 2
3 - 3
4 - 3

4 - 4
6 - 4
6 - 6

15130
ELBOW HOSE ADAPTOR


2
3
4
6

15230
TEE HOSE ADAPTOR


2
3
4
6

Serie Tubes

PLASTIC TUBES

Materials

- POLYAMIDE
- POLYURETHANE 98 SHORE A
- PTFE
- FEP
- PVC
- NBR/PVC

Standard colours

	NT	WHITE TRANSLUCENT
	AZ	LIGHT BLUE
	BL	BLUE
	NE	BLACK
	TT	TRANSLUCENT
	GI	YELLOW
	GR	GREY
	RO	RED
	VE	GREEN



Reference Standard

1907/2006
REACH ✓

2011/65/CE
RoHS ✓

97/23/CE
(PED)

SILICON
FREE

POLYAMIDE TUBES



TB12

POLYAMIDE TUBE

									Ø Ext.	Ø Int.
TB12 00 427	NT	AZ	NE	GI	GR	RO	VE		4	2.7
TB12 00 530	NT	AZ	NE	-	-	-	-	-	5	3
TB12 00 640	NT	AZ	NE	GI	GR	RO	VE		6	4
TB12 00 860	NT	AZ	NE	GI	GR	RO	VE		8	6
TB12 01 075	NT	-	NE	-	-	-	-	-	10	7.5
TB12 01 080	NT	AZ	NE	GI	GR	RO	VE		10	8
TB12 12 100	NT	AZ	NE	-	-	-	-	-	12	10
TB12 14 120	NT	AZ	NE	-	-	-	-	-	14	12
TB12 15 125	NT	AZ	NE	-	-	-	-	-	15	12.5

POLYAMIDE TUBE INCHES DIMENSIONS

		Ø Ext.	Ø Int.
TB12 31 721	NE	1/8 (3.17)	2.18
TB12 63 543	NE	1/4 (6.35)	4.35
TB12 95 271	NE	3/8 (9.52)	7.14
TB12 12 795	NE	1/2 (12.7)	9.52

TS12

POLYAMIDE TUBE - LENGHT 25 MT

									Ø Ext.	Ø Int.
TS12 00 427	NT	AZ	NE	GI	GR	RO	VE		4	2.7
TS12 00 640	NT	AZ	NE	GI	GR	RO	VE		6	4
TS12 00 860	NT	AZ	NE	GI	GR	RO	VE		8	6
TS12 01 080	NT	AZ	NE	-	-	-	-	-	10	8
TS12 12 100	NT	AZ	NE	-	-	-	-	-	12	10



Temperatures

- 40 °C
+ 100 °C

Table of pressure values expressed in% as a function of temperature.

20°	40°	60°	80°	100°
100%	85%	60%	40%	20%

TB12A

PA SELF-EXTINGUISHING TUBE

UL 94 V2

		Ø Ext.	Ø Int.
TB12A 00 427	AZ	4	2.7
TB12A 00 640	AZ	6	4
TB12A 00 860	AZ	8	6
TB12A 01 080	AZ	10	8
TB12A 12 100	AZ	12	10
TB12A 15 125	AZ	15	12.5



Temperatures

- 30 °C
+ 70 °C

Table of pressure values expressed in% as a function of temperature.

20°	30°	40°	50°	60°
100%	72%	64%	52%	47%

TB12X

PA MULTILAYER ANTISTATIC TUBE

New

			Ø Ext.	Ø Int.
TB12X 00 425	NE	■	4	2.5
TB12X 00 640	NE		6	4
TB12X 00 860	NE		8	6
TB12X 01 080	NE		10	8
TB12X 12 100	NE		12	10


Temperatures

 - 30 °C
+ 80 °C

 Table of pressure values expressed
in% as a function of temperature.

20°	40°	60°	80°
100%	85%	60%	40%

TB12P

PA TUBE WITH PU LAYER – FIREPROOF ANTI-SPARK

New

UL 94 V0

			Ø Ext.	Ø Int.
TB12P 00 420	NE	■	4	2
TB12P 00 640	NE		6	4
TB12P 00 860	NE		8	6
TB12P 01 075	NE		10	7.5
TB12P 01 290	NE		12	9


Temperatures

 - 40 °C
+ 80 °C

 Table of pressure values expressed
in% as a function of temperature.

20°	40°	60°	80°
100%	85%	60%	40%

**98 SHORE A
POLYURETHANE POLYESTER TUBE**
TBPU

98 SHORE A POLYURETHANE POLYESTER TUBE

	□	■	■	■	■	■	Ø Ext.	Ø Int.
TBPU 00 425	NT	AZ	NE	-	RO	TT	4	2.5
TBPU 00 530	NT	AZ	NE	-	-	-	5	3
TBPU 00 640	NT	AZ	NE	GI	RO	TT	6	4
TBPU 00 855	NT	AZ	NE	-	RO	TT	8	5.5
TBPU 00 860	NT	AZ	NE	-	RO	TT	8	6
TBPU 01 080	NT	AZ	NE	-	RO	TT	10	8
TBPU 01 290	NT	AZ	NE	-	RO	TT	12	9

TSPU

98 SHORE POLYURETHANE POLYESTER TUBE - LENGHT 25 MT

	□	■	■	Ø Ext.	Ø Int.
TSPU 00 425	NT	AZ	NE	4	2.5
TSPU 00 640	NT	AZ	NE	6	4
TSPU 00 855	NT	AZ	NE	8	5.5
TSPU 00 860	NT	AZ	NE	8	6
TSPU 01 080	NT	AZ	NE	10	8
TSPU 01 290	NT	AZ	NE	12	9


Temperatures

 - 40 °C
+ 60 °C

 Table of pressure values expressed
in% as a function of temperature.

-20°	0°	20°	30°	40°	50°	60°
185%	140%	100%	85%	70%	60%	50%

TB66

POLYAMIDE SEMIRIGID TUBE

New

serie 58000

			Ø Ext.	Ø Int.
TB66 00 420	NT	□	4	2
TB66 00 630	NT		6	3


Temperatures

 0 °C
+ 100 °C

 Table of pressure values expressed
in% as a function of temperature.

20°	30°	40°	50°	60°	70°	80°
100%	83%	72%	64%	58%	52%	47%

**90 SHORE A
POLYURETHANE POLYETHER TUBE**
TBPO

90 SHORE A POLYURETHANE POLYETHER TUBE

	□	■	■	■	■	■	■	Ø Ext.	Ø Int.
TBPO 00 425	NT	AZ	NE	GI	GR	RO	VE	4	2.5
TBPO 00 640	NT	AZ	NE	GI	GR	RO	VE	6	4
TBPO 00 855	NT	AZ	NE	GI	GR	RO	VE	8	5.5
TBPO 01 070	NT	AZ	NE	-	GR	RO	-	10	7
TBPO 01 280	NT	AZ	NE	-	GR	RO	-	12	8
TBPO 14 100	NT	AZ	NE	GI	-	RO	-	14	10

TSPPO

90 SHORE A POLYURETHANE POLYETHER TUBE - LENGHT 25 MT

	□	■	■	■	■	■	■	Ø Ext.	Ø Int.
TSPPO 00 425	NT	AZ	NE	GI	GR	RO	VE	4	2.5
TSPPO 00 640	NT	AZ	NE	GI	GR	RO	VE	6	4
TSPPO 00 855	NT	AZ	NE	GI	GR	RO	VE	8	5.5
TSPPO 01 070	NT	AZ	NE	-	GR	RO	-	10	7
TSPPO 01 280	NT	AZ	NE	-	GR	RO	-	12	8
TSPPO 14 100	NT	AZ	NE	GI	-	RO	-	14	10


Temperatures

 - 40 °C
+ 60 °C

 Table of pressure values expressed
in% as a function of temperature.

20°	30°	40°
100%	60%	40%

FEP - PTFE TUBES
TBFE
FEP TUBE


		Ø Ext.	Ø Int.
TBFE 00 425	NT	4	2.5
TBFE 00 640	NT	6	4
TBFE 00 860	NT	8	6
TBFE 01 080	NT	10	8
TBFE 12 100	NT	12	10

TSFE
FEP TUBE - LENGHT 25 MT


		Ø Ext.	Ø Int.
TSFE 00 425	NT	4	2.5
TSFE 00 640	NT	6	4
TSFE 00 860	NT	8	6
TSFE 01 080	NT	10	8
TSFE 12 100	NT	12	10


Temperatures
**- 60 °C
+ 205 °C**

 Table of pressure values expressed
in% as a function of temperature.

20°	50°	100°	150°
100%	80%	45%	20%

TBPF
PTFE FLEXIBLE TUBE


		Ø Ext.	Ø Int.
TBPF 00 420	NT	4	2
TBPF 00 427	NT	4	2.7
TBPF 00 530	NT	5	3
TBPF 00 640	NT	6	4
TBPF 00 860	NT	8	6
TBPF 01 080	NT	10	8
TBPF 01 210	NT	12	10


Temperatures
**- 60 °C
+ 260 °C**

 Table of pressure values expressed
in% as a function of temperature.

20°	50°	100°	150°	200°	250°
100%	85%	65%	50%	35%	25%

SPIRALS
SS12
POLYAMIDE SPIRAL WITHOUT TANGS


		Ø Ext.	Ø Int.	Ø Ext.
SS12 0064 030	BL	6	4	63
SS12 0086 030	BL	8	6	87
SS12 0108 030	BL	10	8	106
SS12 0121 030	BL	12	10	135


Temperatures
**- 40 °C
+ 70 °C**

 Table of pressure values expressed
in% as a function of temperature.

-20°	0°	20°	30°	40°	50°	60°	70°
180%	140%	100%	90%	80%	70%	60%	50%

SDPU
SPIRAL POLYURETHANE POLYETHER 95 SHORE A WITH TANGS


Size	1	2
mm		
6 - 4	100	100
8 - 5.5	120	500
10 - 6.5	120	500
12 - 8	120	500

		Ø Ext.	Ø Int.	Ø Ext.
SDPU 0064 004	AZ	6	4	32
SDPU 0085 505	AZ	8	5.5	41
SDPU 0106 505	AZ	10	6.5	60
SDPU 0120 805	AZ	12	8	80
SDPU 0085 075	AZ	8	5.5	41
SDPU 0106 575	AZ	10	6.5	60
SDPU 0120 875	AZ	12	8	80


Temperatures
**- 40 °C
+ 60 °C**

 Table of pressure values expressed
in% as a function of temperature.

-20°	0°	20°	30°	40°	50°	60°
110%	100%	100%	85%	70%	60%	50%

PVC TUBE FOOD GRADE

TBPV

PVC TUBE FOOD GRADE



	□		Ø Ext.	Ø Int.
TBPV 01 370	NT		13	7
TBPV 16 100	NT		16	10
TBPV 23 150	NT		23	15
TBPV 26 190	NT		26	19
TBPV 33 250	NT		33	25



Temperatures

- 5 °C
+ 60 °C

PUSH-LOCK HOSE

TBPL

PUSH-LOCK HOSE



	■	■	■	■	Ø Int. inch	Ø Int. mm	Ø Ext. mm
TBPL1/4 OR O1 00	TBPL1/4 OB L1 00	TBPL1/4 OV E1 00	TBPL1/4 ON E1 00		1/4	6.3	12.4
TBPL3/8 OR O1 00	TBPL3/8 OB L1 00	TBPL3/8 OV E1 00	TBPL3/8 ON E1 00		3/8	9.6	15.5
TBPL1/2 OR O1 00	TBPL1/2 OB L1 00	TBPL1/2 OV E1 00	TBPL1/2 ON E1 00		1/2	12.7	18.7
TBPL5/8 OR O0 80	TBPL5/8 OB L0 80	TBPL5/8 OV E0 80	TBPL5/8 ON E0 80		5/8	16	22.9
TBPL3/4 OR O0 80	TBPL3/4 OB L0 80	TBPL3/4 OV E0 80	TBPL3/4 ON E0 80		3/4	19.2	26.5



Temperature with compressed air	-20°C	+110°C peak +125°C
Temperature with water	0°C	+100°C peak +110°C
Temperature with hydraulic oil	-20°C	+70°C peak +90°C
Temperature with Water Glycol	-20°C	+70°C peak +90°C



Pressures

16 bar (1.6 MPa)



Fluids

- Compressed air
- Water
- Hydraulic Oil
- Water Glycol
- Diesel Fuel
- Petrol

ACCESSORIES

NAFE

PTFE TAPE



12 mm x 0,1 mm x 12 Mt

1740

FIXED BRACKET TUBE



10 x 4 mm
10 x 6 mm
10 x 8 mm
10 x 10 mm
4 x 12 mm
4 x 14 mm

1750

TECHNOPOLYMER PIPE CUTTER



14 mm max

1752

METAL CUTTER FOR PLASTIC PIPE



15 mm max
25 mm max

1753

SPARE BLADE 1752



15 mm max
25 mm max

1755

ANTI-SPARK TUBE CUTTER



6 - 8 mm
10 - 12 mm

New

Serie Quick Couplings

AUTOMATIC QUICK COUPLINGS



Application

- Compressed Air & Tools
- Pneumatic & Fluidtechnology
- Food & Beverage
- Life & Sciences
- Cooling System
- Inert Gases, Vacuum



Reference Standard

1907/2006

REACH ✓

2011/65/CE

RoHS ✓

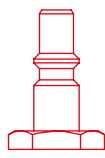
97/23/CE
(PED)

SILICON
FREE

SERIE 100 UNI ISO 6150 A-6

DN 2.5 mm

UNI ISO 6150 A-6



1:1



Pressure

0 bar
10 bar

Maximum static pressure (no pulsations):
35 bar



Fluids

- Compressed air
- For other fluids, consult the technical department Aignep.



Temperatures

- 20 °C
+ 80 °C

With FKM O-ring:
- 10 °C
+ 200 °C



Flow Rate

NI/min

6 bar Δ 1	6 bar Δ 0.5	6 bar Δ 0 (Exhaust Free)
240	190	320

101 MALE SOCKET



1/8

102 FEMALE SOCKET



1/8

104 COMPRESSION SOCKET



4/2,7
6/4

105 SOCKET WITH REST FOR RUBBER HOSE



4
6

201 MALE PLUG



1/8

202 FEMALE PLUG



1/8

204 COMPRESSION PLUG



4/2,7
6/4

205 PLUG WITH REST FOR RUBBER HOSE

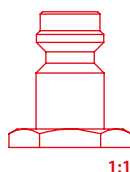


4
6

SERIE 110 MIGNON

DN 5 mm

MIGNON



1:1



Pressure

0 bar
12 bar

Maximum static pressure (no pulsations):
35 bar



Fluids

• Compressed air
For other fluids, consult the technical department Aignep.



Temperatures

- 20 °C
+ 80 °C

With FKM O-ring:
- 10 °C
+ 200 °C



Flow Rate

NI/min

6 bar Δ 1	6 bar Δ 0.5	6 bar Δ 0 (Exhaust Free)
650	480	1100

111
MALE SOCKET



1/8
1/4
3/8

112
FEMALE SOCKET



1/8
1/4
3/8

113
COMPRESSION SOCKET WITH SPRING



6/4
8/6

114
COMPRESSION SOCKET



6/4
8/6

115
SOCKET WITH REST FOR RUBBER HOSE



4
6
8

116
BULKHEAD SOCKET WITH MALE THREADED CONNECTION



1/8
1/4
3/8

117
BULKHEAD SOCKET WITH COMPRESSION CONNECTION WITH SPRING



6/4
8/6

118
BULKHEAD SOCKET WITH COMPRESSION CONNECTION



6/4
8/6

119
BULKHEAD SOCKET WITH SPIGOT FOR RUBBER HOSE



4
6
8

111SW
MALE SOCKET WITHOUT SHUTTER



1/8
1/4

112SW
FEMALE SOCKET WITHOUT SHUTTER



1/8
1/4

211
MALE PLUG



1/8
1/4
3/8

212
FEMALE PLUG



1/8
1/4
3/8

213
COMPRESSION PLUG WITH SPRING



6/4
8/6

214
COMPRESSION PLUG



6/4
8/6

215
PLUG WITH REST FOR RUBBER HOSE

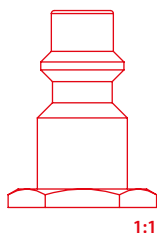
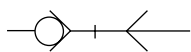


4
6
8

SERIE 120 UNI ISO 6150 B-12

DN 5.5 mm

UNI ISO 6150 B-12



1:1



Pressure

0 bar
16 bar

Maximum static pressure (no pulsations):
35 bar



Fluids

• Compressed air
For other fluids, consult the technical department Aignep.



Temperatures

- 20 °C
+ 80 °C

With FKM O-ring:
- 10 °C
+ 200 °C



Flow Rate

NI/min

6 bar Δ 1	6 bar Δ 0.5	6 bar Δ 0 (Exhaust Free)
1100	800	1500

121
MALE SOCKET



1/4
3/8
1/2

122
FEMALE SOCKET



1/4
3/8
1/2

123
COMPRESSION SOCKET WITH SPRING



6/4
8/6
10/8

124
COMPRESSION SOCKET



6/4
8/6
10/8

125
SOCKET WITH REST FOR RUBBER HOSE



6
8
10
12

126
SOCKET FOR RUBBER HOSE



14/6
17/8
19/10

221
MALE PLUG



1/4
3/8
1/2

221AC **HARDENED STEEL**
STEEL MALE PLUG



1/4
3/8
1/2

222
FEMALE PLUG



1/4
3/8
1/2

222AC **HARDENED STEEL**
STEEL FEMALE PLUG



1/4
3/8
1/2

223
COMPRESSION PLUG WITH SPRING



6/4
8/6
10/8
12/10

224
COMPRESSION PLUG



6/4
8/6
10/8
12/10

225
PLUG WITH REST FOR RUBBER HOSE



6
8
10
12

225AC **HARDENED STEEL**
STEEL PLUG WITH REST FOR RUBBER HOSE



6
8
10
12

227
BAYONET PLUG



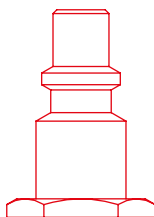
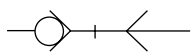
15

228
PLUG WITH GRADUAL EXHAUST



1/4

SERIE 120 ITALIAN PROFILE
DN 5 mm

ITALIAN


1:1


Pressure
0 bar
16 bar
Maximum static pressure (no pulsations):
35 bar

Fluids

• Compressed air
For other fluids, consult the technical department Aignep.

Temperatures
- 20 °C
+ 80 °C
With FKM O-ring:
- 10 °C
+ 200 °C

Flow Rate
NI/min

6 bar Δ 1	6 bar Δ 0.5	6 bar Δ 0 (Exhaust Free)
1100	800	1500

121
MALE SOCKET

1/4
3/8
1/2

122
FEMALE SOCKET

1/4
3/8
1/2

123
COMPRESSION SOCKET WITH SPRING

6/4
8/6
10/8

124
COMPRESSION SOCKET

6/4
8/6
10/8

125
SOCKET WITH REST FOR RUBBER HOSE

6
8
10
12

126
SOCKET FOR RUBBER HOSE

14/6
17/8
19/10

251
MALE PLUG

1/4
3/8
1/2

251AC
STEEL MALE PLUG
HARDENED STEEL

1/4
3/8
1/2

252
FEMALE PLUG

1/4
3/8
1/2

252AC
STEEL FEMALE PLUG
HARDENED STEEL

1/4
3/8
1/2

253
COMPRESSION PLUG WITH SPRING

6/4
8/6
10/8
12/10

254
COMPRESSION PLUG

6/4
8/6
10/8
12/10

255
PLUG WITH REST FOR RUBBER HOSE

6
8
10
12

255AC
STEEL PLUG WITH REST FOR RUBBER HOSE
HARDENED STEEL

6
8
10
12

256
PLUG FOR RUBBER HOSE

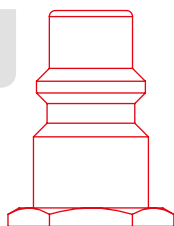
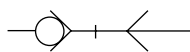
14/6
17/8
19/10

257
BAYONET PLUG


15

258
PLUG WITH GRADUAL EXHAUST


1/4

SERIE 130 UNI ISO 6150 B-15
UNI ISO 6150 B-15

1:1

Pressure
0 bar
16 bar
Maximum static pressure (no pulsations):
35 bar

Fluids

• Compressed air
For other fluids, consult the technical department Aignep.

Temperatures
- 20 °C
+ 80 °C
With FKM O-ring:
- 10 °C
+ 200 °C

Flow Rate
NI/min

6 bar Δ 1	6 bar Δ 0.5	6 bar Δ 0 (Exhaust Free)
2500	2050	3300

131
MALE SOCKET

3/8
1/2

132
FEMALE SOCKET

3/8
1/2

133
COMPRESSION SOCKET WITH SPRING

10/8
12/10

134
COMPRESSION SOCKET

10/8
12/10

135
SOCKET WITH REST FOR RUBBER HOSE

8
10
12

231
MALE PLUG

3/8
1/2

232
FEMALE PLUG

3/8
1/2

233
COMPRESSION PLUG WITH SPRING

10/8
12/10

234
COMPRESSION PLUG

10/8
12/10

235
PLUG WITH REST FOR RUBBER HOSE

8
10
12

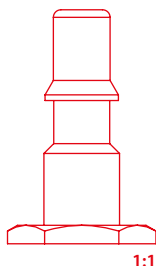
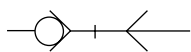
237
BAYONET PLUG


15

SERIE 140 UNI ISO 6150 C-10

DN 5.5 mm

UNI ISO 6150 C-10



1:1



Pressure

0 bar
25 bar

Maximum static pressure (no pulsations):
35 bar



Fluids

• Compressed air
For other fluids, consult the technical department Aignep.



Temperatures

- 20 °C
+ 80 °C

With FKM O-ring:
- 10 °C
+ 200 °C



Flow Rate

NI/min

6 bar Δ 1	6 bar Δ 0.5	6 bar Δ 0 (Exhaust Free)
1160	900	1550

141
MALE SOCKET



1/4
3/8
1/2

142
FEMALE SOCKET



1/4
3/8
1/2

143
COMPRESSION SOCKET WITH SPRING



6/4
8/6
10/8

144
COMPRESSION SOCKET



6/4
8/6
10/8

145
SOCKET WITH REST FOR RUBBER HOSE



6
8
10
12

241
MALE PLUG



1/4
3/8
1/2

241AC **HARDENED STEEL**
STEEL MALE PLUG



1/4

242
FEMALE PLUG



1/4
3/8
1/2

242AC **HARDENED STEEL**
STEEL FEMALE PLUG



1/4

243
COMPRESSION PLUG WITH SPRING



6/4
8/6
10/8

244
COMPRESSION PLUG



6/4
8/6
10/8

245
PLUG WITH REST FOR RUBBER HOSE



6
8
10
12

247
BAYONET PLUG



15

248
PLUG WITH GRADUAL EXHAUST

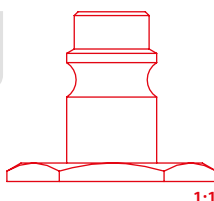
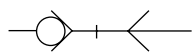


1/4

SERIE 160 EUROPEAN PROFILE

DN 7.5-7.8 mm

EUROPEAN



1:1



Pressure

0 bar
16 bar

Maximum static pressure (no pulsations):
35 bar



Fluids

• Compressed air
For other fluids, consult the technical department Aignep.



Temperatures

- 20 °C
+ 80 °C

With FKM O-ring:
- 10 °C
+ 200 °C



Flow Rate

NI/min

DN	6 bar Δ 1	6 bar Δ 0.5	6 bar Δ 0 (Exhaust Free)
7.5	1750	1100	2400
7.8	1900	1300	2450

161
MALE SOCKET



1/4
3/8
1/2

162
FEMALE SOCKET



1/4
3/8
1/2

163
COMPRESSION SOCKET WITH SPRING



6/4
8/6
10/8
12/10

164
COMPRESSION SOCKET



6/4
8/6
10/8
12/10

165
SOCKET WITH REST FOR RUBBER HOSE



6
8
10
12

166
SOCKET FOR RUBBER HOSE



14/6
17/8
19/10

261
MALE PLUG



1/4
3/8
1/2

261AC **HARDENED STEEL**
STEEL MALE PLUG



1/4
3/8
1/2

262
FEMALE PLUG



1/4
3/8
1/2

262AC **HARDENED STEEL**
STEEL FEMALE PLUG



1/4
3/8
1/2

263
COMPRESSION PLUG WITH SPRING



6/4
8/6
10/8
12/10

264
COMPRESSION PLUG



6/4
8/6
10/8
12/10

265
PLUG WITH REST FOR RUBBER HOSE



6
8
10
12

265AC **HARDENED STEEL**
STEEL PLUG WITH REST FOR RUBBER HOSE



6
8
10
12

266
PLUG FOR RUBBER HOSE



14/6
17/8
19/10

267
BAYONET PLUG



15

268
PLUG WITH GRADUAL EXHAUST

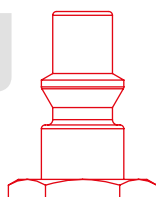


1/4

SERIE 170 SWISS PROFILE

DN 5.5 mm

SWISS



1:1



Pressure

0 bar
16 bar

Maximum static pressure (no pulsations):
35 bar



Fluids

• Compressed air
For other fluids, consult the technical department Aignep.



Temperatures

- 20 °C
+ 80 °C

With FKM O-ring:
- 10 °C
+ 200 °C



Flow Rate

NI/min

6 bar Δ 1	6 bar Δ 0.5	6 bar Δ 0 (Exhaust Free)
1300	1000	1650

171
MALE SOCKET



1/4
3/8
1/2

172
FEMALE SOCKET



1/4
3/8
1/2

271
MALE PLUG



1/4
3/8
1/2

271AC
STEEL MALE PLUG

HARDENED STEEL



1/4
3/8
1/2

272
FEMALE PLUG



1/4
3/8
1/2

272AC
STEEL FEMALE PLUG

HARDENED STEEL



1/4
3/8
1/2

273
COMPRESSION PLUG WITH SPRING



6/4
8/6
10/8
12/10

274
COMPRESSION PLUG



6/4
8/6
10/8
12/10

275
PLUG WITH REST FOR RUBBER HOSE



6
8
10
12

275AC
STEEL PLUG WITH REST FOR RUBBER HOSE

HARDENED STEEL



6
8
10
12

277
BAYONET PLUG

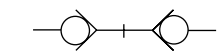
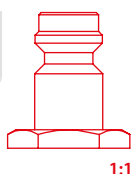


15

278
PLUG WITH GRADUAL EXHAUST



1/4

SERIE 180 MIGNON PROFILE - AUTOMATIC QUICK COUPLINGS WITH DOUBLE SHUT-OFF
 **5 mm**
MIGNON

Pressure
0 bar
12 bar
Maximum static pressure (no pulsations):
35 bar

Fluids

- Compressed air

For other fluids, consult the technical department Aignep.


Temperatures
- 20 °C
+ 80 °C
With FKM O-ring:
- 10 °C
+ 200 °C

Flow Rate
NI/min

6 bar Δ 1	6 bar Δ 0.5	6 bar Δ 0 (Exhaust Free)
285	240	445

181
 MALE SOCKET FOR SHUTTER PLUG

 1/8
 1/4
 3/8

182
 FEMALE SOCKET FOR SHUTTER PLUG

 1/8
 1/4
 3/8

183
 COMPRESSION SOCKET WITH NUT
 AND SPRING FOR SHUTTER PLUG

 6/4
 8/6

184
 COMPRESSION SOCKET FOR SHUTTER PLUG

 6/4
 8/6

185
 SOCKET WITH REST FOR RUBBER HOSE FOR
 SHUTTER PLUG

 4
 6
 8

281
 MALE SHUTTER PLUG

 1/8
 1/4
 3/8

282
 FEMALE SHUTTER PLUG

 1/8
 1/4
 3/8

283
 COMPRESSION SHUTTER PLUG WITH NUT
 AND SPRING

 6/4
 8/6

284
 COMPRESSION SHUTTER PLUG

 6/4
 8/6

285
 SHUTTER PLUG WITH REST FOR RUBBER HOSE

 4
 6
 8

SERIE 190 MULTISOCKET

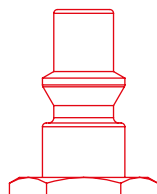


One socket for 4 different plugs

PROFIL SWISS

SERIE 270

DN 5.5 mm



1:1

PROFIL EUROPEAN

SERIE 260

DN 7.5-7.8 mm

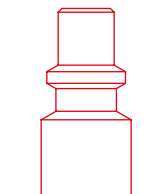


1:1

PROFIL ITALIAN

SERIE 250

DN 5 mm

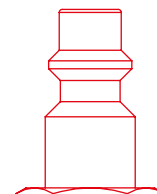


1:1

PROFIL
UNI ISO 6150 B-12

SERIE 220

DN 5.5 mm



1:1



Pressure

0 bar

16 bar

Maximum static pressure (no pulsations):
35 bar



Fluids

• Compressed air

For other fluids, consult the technical department Aignep.



Temperatures

- 20 °C

+ 80 °C

With FKM O-ring:
- 10 °C
+ 200 °C



Flow Rate

NI/min

DN	6 bar Δ 1	6 bar Δ 0.5	6 bar Δ 0 (Exhaust Free)
220	900	700	1450
250	800	700	1300
260	1350	1000	2150
260	1510	1200	2250
270	1100	750	1600

191

MALE SOCKET



1/4
3/8
1/2

192

FEMALE SOCKET



1/4
3/8
1/2

193

COMPRESSION SOCKET WITH SPRING



6/4
8/6
10/6.5
10/8
12/10

194

COMPRESSION SOCKET



6/4
8/6
10/8
12/10

195

SOCKET WITH REST FOR RUBBER HOSE



6
8
10
12

196

SOCKET FOR RUBBER HOSE



14/6
17/8
19/10

STAINLESS STEEL MULTISOCKET

AIISI 316L



Pressure

0 bar

16 bar

Maximum static pressure (no pulsations):
35 bar



Fluids

• Compressed air

For other fluids, consult the technical department Aignep.



Temperatures

- 15 °C

+ 200 °C

63190

MALE SOCKET "UNIVERSAL SHORT"



1/4
3/8
1/2

63192

FEMALE SOCKET



1/4
3/8
1/2

63260

MALE PLUG EUROPEAN PROFILE "UNIVERSAL SHORT"



1/4
3/8
1/2

63262

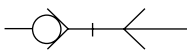
FEMALE PLUG EUROPEAN PROFILE



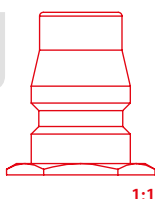
1/4
3/8
1/2

SERIE 400 JAPANESE PROFILE

DN 7.5 mm



JAPANESE



Pressure

0 bar
25 bar

Maximum static pressure (no pulsations):
35 bar



Fluids

• Compressed air
For other fluids, consult the technical department Aignep.



Temperatures

- 20 °C
+ 80 °C

With FKM O-ring:
- 10 °C
+ 200 °C



Flow Rate

NI/min

6 bar Δ 1	6 bar Δ 0.5	6 bar Δ 0 (Exhaust Free)
1350	1050	2050

401

MALE SOCKET



1/4
3/8
1/2

402

FEMALE SOCKET



1/4
3/8
1/2

405

SOCKET WITH REST FOR RUBBER HOSE



8
10
12

501AC

STEEL MALE PLUG

HARDENED STEEL



1/4
3/8
1/2

502AC

STEEL FEMALE PLUG

HARDENED STEEL



1/4
3/8
1/2

505AC

STEEL PLUG WITH REST FOR RUBBER HOSE

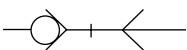
HARDENED STEEL



8
10
12

SERIE 700 MINI - DN 2,7

DN 2,7 mm



Pressure

0 bar
12 bar

Maximum static pressure (no pulsations):
35 bar



Fluids

• Compressed air
For other fluids, consult the technical department Aignep.



Temperatures

- 20 °C
+ 80 °C

With FKM O-ring:
- 10 °C
+ 200 °C



Flow Rate

NI/min

6 bar Δ 1	6 bar Δ 0.5	6 bar Δ 0 (Exhaust Free)
235	175	295

701

MALE SOCKET



M5
1/8

702

FEMALE SOCKET



M5
1/8

704

COMPRESSION SOCKET



4/2,7
6/4

801

MALE PLUG



M5
1/8

802

FEMALE PLUG



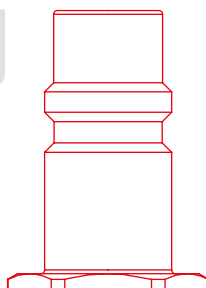
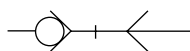
M5
1/8

804

COMPRESSION PLUG



4/2,7
6/4

SERIE 710 UNI ISO 6150-B17
DN 12 mm
UNI ISO 6150-B17

1:1

Pressure
**0 bar
16 bar**
**Maximum static pressure (no pulsations):
35 bar**

Fluids

- Compressed air

For other fluids, consult the technical department Aignep.


Temperatures
**- 20 °C
+ 80 °C**
**With FKM O-ring:
- 10 °C
+ 200 °C**

Flow Rate
NI/min

6 bar Δ 1	6 bar Δ 0.5	6 bar Δ 0 (Exhaust Free)
4200	3200	4750

711
MALE SOCKET

1/2
3/4

712
FEMALE SOCKET

1/2
3/4

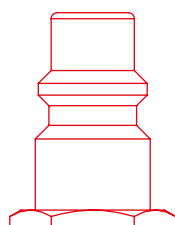
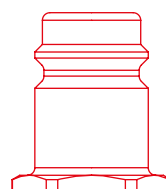
811
MALE PLUG

1/2
3/4

812
FEMALE PLUG

1/2
3/4

SERIE 720 B-SOCKET UNI ISO 6150 B-15 - DN 9 / EUROPEAN - DN 10

One socket for 2 different plugs
UNI ISO 6150 B-15
DN 9 mm

1:1
EUROPEAN DN 10
DN 10 mm

1:1

Pressure
**0 bar
16 bar**
**Maximum static pressure (no pulsations):
35 bar**

Fluids

- Compressed air

For other fluids, consult the technical department Aignep.


Temperatures
**- 20 °C
+ 80 °C**
**With FKM O-ring:
- 10 °C
+ 200 °C**

Flow Rate
NI/min

DN	6 bar Δ 1	6 bar Δ 0.5	6 bar Δ 0 (Exhaust Free)
9	3150	2500	3650
10	3300	2600	3800

721
MALE SOCKET

3/8
1/2

722
FEMALE SOCKET

3/8
1/2

821
MALE PLUG

3/8
1/2

822
FEMALE PLUG

3/8
1/2

SERIE 600 - SAFETY QUICK COUPLINGS



Flow Rate

Plug	6 bar Δ 1	6 bar Δ 0.5	6 bar Δ 0 (Exhaust Free)
220 AC	950	700	1400
250 AC	850	700	1170
260 AC	1300	1050	1830
270 AC	1000	750	1350

NI/min



Reference Standard

1907/2006
REACH

2011/65/CE
RoHS

97/23/CE
(PED)

SILICON
FREE

ISO
4414

SUVA APPROVED



Temperatures

- 20 °C
+ 80 °C



Pressure

-0.99 bar (-0.099 MPa)
15 bar (1.5 MPa)

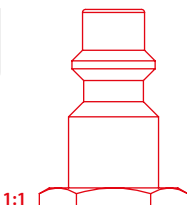


Fluids

• Compressed air

DN 5.5 mm

UNI ISO 6150-B12



1:1

SERIE 620 UNI ISO 6150-B12

621
MALE SOCKET



1/4
3/8
1/2

622
FEMALE SOCKET



1/4
3/8
1/2

624
COMPRESSION SOCKET



6/4 10/8
8/6 12/8
10/6.5 12/10

625
SOCKET WITH REST FOR RUBBER HOSE



6
8
10
12

221AC
STEEL MALE PLUG

HARDENED STEEL



1/4
3/8
1/2

222AC
STEEL FEMALE PLUG

HARDENED STEEL



1/4
3/8
1/2

225AC
STEEL PLUG WITH REST FOR RUBBER HOSE

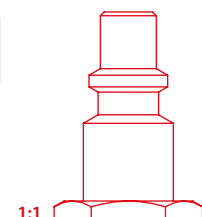
HARDENED STEEL



6
8
10
12

DN 5 mm

ITALIAN



1:1

SERIE 650 ITALIAN

651
MALE SOCKET



1/4
3/8
1/2

652
FEMALE SOCKET



1/4
3/8
1/2

654
COMPRESSION SOCKET



6/4 10/8
8/6 12/8
10/6.5 12/10

655
SOCKET WITH REST FOR RUBBER HOSE



6
8
10
12

251AC
STEEL MALE PLUG

HARDENED STEEL



1/4
3/8
1/2

252AC
STEEL FEMALE PLUG

HARDENED STEEL



1/4
3/8
1/2

255AC
STEEL PLUG WITH REST FOR RUBBER HOSE

HARDENED STEEL

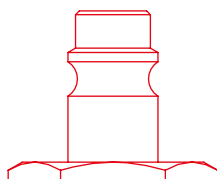
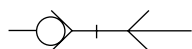


6
8
10
12

SERIE 660 EUROPEAN

DN 7.8 mm

EUROPEAN



1:1

661
MALE SOCKET



1/4
3/8
1/2

662
FEMALE SOCKET



1/4
3/8
1/2

664
COMPRESSION SOCKET



6/4
8/6
10/6.5
10/8
12/8
12/10

665
SOCKET WITH REST FOR RUBBER HOSE



6
8
10
12

261AC
STEEL MALE PLUG

HARDENED STEEL



1/4
3/8
1/2

262AC
STEEL FEMALE PLUG

HARDENED STEEL



1/4
3/8
1/2

265AC
STEEL PLUG WITH REST FOR RUBBER HOSE

HARDENED STEEL

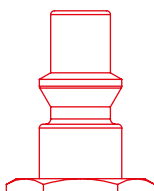
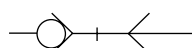


6
8
10
12

SERIE 670 SWISS

DN 5.5 mm

SWISS



1:1

671
MALE SOCKET



1/4
3/8
1/2

672
FEMALE SOCKET



1/4
3/8
1/2

674
COMPRESSION SOCKET



6/4
8/6
10/6.5
10/8
12/8
12/10

675
SOCKET WITH REST FOR RUBBER HOSE



6
8
10
12

271AC
STEEL MALE PLUG

HARDENED STEEL



1/4
3/8
1/2

272AC
STEEL FEMALE PLUG

HARDENED STEEL



1/4
3/8
1/2

275AC
STEEL PLUG WITH REST FOR RUBBER HOSE

HARDENED STEEL



6
8
10
12

628
EPDM SOCKET PROTECTION



6
8
10
12

SERIE 410-420 FRENCH PROFILE



Pressure

15 bar (1.5 MPa)



Fluids

- Water
- Cooling water
- Oil



Temperatures

- 15 °C
+ 200 °C

With identification ring
art. 513-523:
+ 110 °C

SERIE 410 - 510 FRENCH PROFILE - DN8

412
FEMALE PLUG



1/4

415
STRAIGHT PLUG WITH REST FOR RUBBER HOSE



8
10
12

3/8
1/2

416
PLUG WITH REST FOR RUBBER HOSE TO 135°



8
10
12

418
PLUG WITH REST FOR RUBBER HOSE TO 90°



8
10
12

511
MALE SOCKET



1/8
1/4
3/8

512
EXTENDED MALE SOCKET



1/8 - L=50 1/4 - L=150
1/8 - L=100 1/4 - L=200
1/8 - L=150 3/8 - L=50
1/8 - L=200 3/8 - L=100
1/4 - L=50 3/8 - L=150
1/4 - L=100 3/8 - L=200

514
MALE SOCKET TAPER

PRE-COATING THREAD



1/8
1/4
3/8

513
IDENTIFICATION RING



BL
RO

SERIE 420-520 FRENCH PROFILE - DN12

422
FEMALE PLUG



1/2

425
STRAIGHT PLUG WITH REST FOR RUBBER HOSE



13
16

521
MALE SOCKET



3/8
1/2

522
MALE SOCKET TAPER

PRE-COATING THREAD



3/8
1/2

523
IDENTIFICATION RING



BL
RO

SERIE 430-440 INTERNATIONAL



Pressure

15 bar (1.5 MPa)



Fluids

- Water
- Cooling water
- Oil

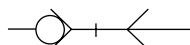


Temperatures

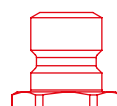
- 15 °C
+ 200 °C

SERIE 430 INTERNATIONAL PROFILE - DN 6

DN 6 mm



INTERNATIONAL



1:1

431 **PRE-COATING THREAD**
MALE PARALLEL SOCKET



1/4

432
FEMALE SOCKET



1/4

435
STRAIGHT SOCKET WITH REST FOR RUBBER HOSE



6
9

436
STRAIGHT SOCKET WITH 90° REST FOR RUBBER HOSE



6
9

431SW **PRE-COATING THREAD**
MALE PARALLEL SOCKET WITHOUT SHUTTER



1/4

432SW
FEMALE SOCKET WITHOUT SHUTTER



1/4

435SW
STRAIGHT SOCKET WITH REST FOR RUBBER HOSE WITHOUT SHUTTER



6
9

436SW
STRAIGHT SOCKET WITH 90° REST FOR RUBBER HOSE WITHOUT SHUTTER



6
9

531 **PRE-COATING THREAD**
MALE PLUG (TAPER)



1/8
1/4
3/8

532
FEMALE PLUG



1/8
1/4
3/8

534 **PRE-COATING THREAD**
MALE SHUTTER PLUG (TAPER)



Use only with: 431 - 432 - 435 - 436

1/4
3/8

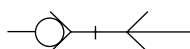
535
STRAIGHT PLUG WITH REST FOR RUBBER HOSE



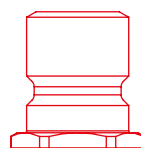
9

SERIE 440 INTERNATIONAL PROFILE - DN9

DN 9 mm



INTERNATIONAL



1:1

441 PRE-COATING THREAD

MALE PARALLEL SOCKET



3/8

442

FEMALE SOCKET



1/4

445

STRAIGHT SOCKET WITH REST FOR RUBBER HOSE



11
13

446

STRAIGHT SOCKET WITH 90° REST FOR RUBBER HOSE



11
13

441SW PRE-COATING THREAD

MALE PARALLEL SOCKET WITHOUT SHUTTER



3/8

442SW

FEMALE SOCKET WITHOUT SHUTTER



1/4

445SW

STRAIGHT SOCKET WITH REST FOR RUBBER HOSE WITHOUT SHUTTER



11
13

446SW

STRAIGHT SOCKET WITH 90° REST FOR RUBBER HOSE WITHOUT SHUTTER



11
13

541 PRE-COATING THREAD

MALE PLUG (TAPER)



1/4
3/8
1/2

542

FEMALE PLUG



1/4
3/8
1/2

544

PRE-COATING THREAD
MALE SHUTTER PLUG (TAPER)



3/8
1/2

Use only with: 441 - 442 - 445 - 446

545

STRAIGHT PLUG WITH REST FOR RUBBER HOSE



13

SERIE 460-470 EUROPEAN



Pressure
15 bar (1.5 MPa)



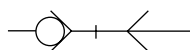
Temperatures
- 15 °C
+ 200 °C



Fluids
• Water
• Cooling water
• Oil

SERIE 460 EUROPEAN PROFILE - DN6

DN 6 mm



EUROPEAN



1:1

461 PRE-COATING THREAD
MALE PARALLEL SOCKET



1/4

462
FEMALE SOCKET



1/4

465
STRAIGHT SOCKET WITH REST FOR RUBBER HOSE



6
9

466
STRAIGHT SOCKET WITH 90° REST FOR RUBBER HOSE



6
9

461SW PRE-COATING THREAD
MALE PARALLEL SOCKET WITHOUT SHUTTER



1/4

462SW
FEMALE SOCKET WITHOUT SHUTTER



1/4

465SW
STRAIGHT SOCKET WITH REST FOR RUBBER HOSE WITHOUT SHUTTER



6
9

466SW
STRAIGHT SOCKET WITH 90° REST FOR RUBBER HOSE WITHOUT SHUTTER



6
9

561 PRE-COATING THREAD
MALE PLUG (PARALLEL)



1/8
1/4
3/8

562
FEMALE PLUG



1/8
1/4
3/8

564 PRE-COATING THREAD
MALE SHUTTER PLUG (PARALLEL)



1/4
3/8

Use only with: 461 - 462 - 465 - 466

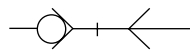
565
STRAIGHT PLUG WITH REST FOR RUBBER HOSE



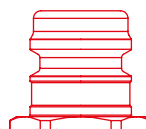
9

SERIE 470 EUROPEAN PROFILE - DN9

DN 9 mm



EUROPEAN



1:1

471 PRE-COATING THREAD
MALE PARALLEL SOCKET



3/8

472
FEMALE SOCKET



1/4

475
STRAIGHT SOCKET WITH REST FOR RUBBER HOSE



11
13

476
STRAIGHT SOCKET WITH 90° REST FOR RUBBER HOSE



11
13

471SW PRE-COATING THREAD

MALE PARALLEL SOCKET WITHOUT SHUTTER



3/8

472SW

FEMALE SOCKET WITHOUT SHUTTER



1/4

475SW

STRAIGHT SOCKET WITH REST FOR RUBBER HOSE WITHOUT SHUTTER



11
13

476SW

STRAIGHT SOCKET WITH 90° REST FOR RUBBER HOSE WITHOUT SHUTTER



11
13

571 PRE-COATING THREAD

MALE PLUG (PARALLEL)



G1/4
G3/8
G1/2

572

FEMALE PLUG



G1/4
G3/8
G1/2

574 PRE-COATING THREAD

MALE SHUTTER PLUG (PARALLEL)



G1/4
G3/8
G1/2

Use only with: 471 - 472 - 475 - 476

575

STRAIGHT PLUG WITH REST FOR RUBBER HOSE



13

SERIE 300 BLOW GUNS



Pressure
10 bar (1 MPa)



Fluids
• Compressed air



Reference Standard

1907/2006
REACH ✓

2011/65/CE
RoHS ✓

97/23/CE
(PED)

SILICON
FREE



Temperatures
- 20 °C
+ 80 °C

321

BLOW GUN FEMALE CONNECTION



L=90
L=200
L=290

322

BLOW GUN WITH PROTECTIVE AIR-SCREEN FEMALE CONNECTION



L=90
L=200
L=290

325

BLOW GUN - PUSH-ON CONNECTION WITH SPRING



L=90 - 8/6 L=200 - 10/8
L=90 - 10/8 L=200 - 8/6
L=200 - 8/6 L=200 - 10/8

326

BLOW GUN WITH PROTECTIVE AIR SCREEN PUSH-ON CONNECTION WITH SPRING



L=90 - 8/6 L=200 - 10/8
L=90 - 10/8 L=200 - 8/6
L=200 - 8/6 L=200 - 10/8

310

STRAIGHT NOZZLE (SPARE PART)



L=100
L=210
L=300

311

ELBOW NOZZLE (SPARE PART)



L=90
L=200
L=290

312

VENTURI'S EFFECT NOZZLE (SPARE PART)



L=55 - D=17

340

BLOWGUN WITH Ø 6 MM BENT PIPE FEMALE POLYMER THREAD



L=215

341

BLOWGUN WITH Ø 6 MM BENT PIPE WITH METAL BUSHING



L=217

342 SUVA APPROVED

BLOWGUN WITH Ø 6 MM STAINLESS BENT PIPE SUPER SILENT



L=215

343

BLOWGUN WITH Ø 8 MM BENT PIPE - 3,5 BAR



L=217

Serie Compression Fittings

COMPRESSION FITTINGS, DOUBLE CONE
FITTINGS AND UNIVERSAL FITTINGS



Application

- Heavy Pneumatic Automation
- Automotive
- Industrial cooling
- Inert Gases, Steam
- Vacuum



Reference Standard

1907/2006
REACH ✓

2011/65/CE
RoHS ✓

97/23/CE
(PED)

SILICON
FREE



Component Parts and Materials

- Nickel-plated Brass Nut (Serie 9000 - 10000)
- Annealed Brass Olive
- Nickel-plated Brass Body (Serie 13000)



Connection Tubes

Tubes made in copper, steel, iron, aluminium, brass, PA.
Serie 10000 PA tubes with support bush (art. 10770).



Temperatures

- 60 °C
+ 300 °C



Threads

- Tapered gas in conformity with ISO7.1, BS 21, DIN 2999.
- Parallel gas in conformity with ISO 228 Class A.
- Metric in conformity with ISO R/262.



Fluids

- Water
- Oils
- Compressed air
- Fluids in general for the hydraulic, pneumatic and oildynamic plants etc.

SERIE 9000 COMPRESSION FITTINGS

9200 TEE CONNECTOR



4	10	15
6	12	16
8	14	18

9220 TEE MALE ADAPTOR - CENTRE LEG



4 - 1/8	8 - 3/8	14 - 1/2
6 - 1/8	10 - 1/4	15 - 1/2
6 - 1/4	10 - 3/8	16 - 1/2
8 - 1/8	12 - 3/8	18 - 1/2
8 - 1/4	12 - 1/2	

9230 TEE MALE ADAPTOR OFF SET LEG



4 - 1/8	8 - 3/8	14 - 1/2
6 - 1/8	10 - 1/4	15 - 1/2
6 - 1/4	10 - 3/8	16 - 1/2
8 - 1/8	12 - 3/8	18 - 1/2
8 - 1/4	12 - 1/2	

9260 ELBOW CONNECTOR



4	10	15
6	12	16
8	14	18

9280 ELBOW MALE ADAPTOR



4 - 1/8	8 - 3/8	14 - 1/2
6 - 1/8	10 - 1/4	15 - 1/2
6 - 1/4	10 - 3/8	16 - 1/2
8 - 1/8	12 - 3/8	18 - 1/2
8 - 1/4	12 - 1/2	

9460 STRAIGHT CONNECTOR



4	10	15
6	12	16
8	14	18

9480 STRAIGHT MALE ADAPTOR



4 - 1/8	8 - 3/8	14 - 1/2
6 - 1/8	10 - 1/4	15 - 1/2
6 - 1/4	10 - 3/8	16 - 1/2
8 - 1/8	12 - 3/8	18 - 1/2
8 - 1/4	12 - 1/2	

9500 STRAIGHT FEMALE ADAPTOR



4 - 1/8	8 - 3/8	14 - 1/2
6 - 1/8	10 - 1/4	15 - 1/2
6 - 1/4	10 - 3/8	16 - 1/2
8 - 1/8	12 - 3/8	18 - 1/2
8 - 1/4	12 - 1/2	

9550 SINGLE BANJO BODY



4 - 1/8	8 - 1/8	10 - 1/4
6 - 1/8	8 - 1/4	10 - 3/8
6 - 1/4	8 - 3/8	12 - 3/8

9680 NUT



4 LL	10 L	15 L
6 LL	12 L	16 S
8 LL	14 S	18 L

9740 OLIVE



4 LL	10 L	15 L
6 LL	12 L	16 S
8 LL	14 S	18 L

10770 INTERNAL SUPPORT BUSH



4/2.7 - 2.7	12/10 - 10	18/16 - 16
6/4 - 4	14/12 - 12	22/18 - 18
8/6 - 6	15/12.5 - 12.5	
10/8 - 8	16/13 - 13	
12/9 - 9	18/15 - 15	

SERIE 10000 UNIVERSAL DOUBLE CONE FITTINGS

10200 TEE CONNECTOR



4	12	18
6	14	22
8	15	
10	16	

10220 TEE MALE ADAPTOR CENTRE LEG



4 - 1/8	10 - 3/8	15 - 1/2
6 - 1/8	10 - 1/2	16 - 1/2
6 - 1/4	12 - 1/4	18 - 1/2
8 - 1/8	12 - 3/8	18 - 3/4
8 - 1/4	12 - 1/2	22 - 3/4
8 - 3/8	14 - 3/8	
10 - 1/4	14 - 1/2	

10230 TEE MALE ADAPTOR OFF SET LEG



4 - 1/8	8 - 1/4	12 - 3/8
6 - 1/8	8 - 3/8	12 - 1/2
6 - 1/4	10 - 1/4	14 - 1/2
8 - 1/8	10 - 3/8	

10240 TEE FEMALE CENTRE LEG



4 - 1/8	10 - 3/8	15 - 1/2
6 - 1/8	10 - 1/2	16 - 1/2
6 - 1/4	12 - 1/4	18 - 1/2
8 - 1/8	12 - 3/8	18 - 3/4
8 - 1/4	12 - 1/2	
10 - 1/4	14 - 1/2	

10260 ELBOW CONNECTOR



4	12	18
6	14	22
8	15	
10	16	

10280 ELBOW MALE ADAPTOR



4 - 1/8	10 - 3/8	15 - 1/2
6 - 1/8	10 - 1/2	16 - 1/2
6 - 1/4	12 - 1/4	18 - 1/2
8 - 1/8	12 - 3/8	18 - 3/4
8 - 1/4	12 - 1/2	22 - 3/4
8 - 3/8	14 - 3/8	
10 - 1/4	14 - 1/2	

10290 ELBOW FEMALE ADAPTOR



4 - 1/8	10 - 1/4	14 - 1/2
6 - 1/8	10 - 3/8	15 - 1/2
6 - 1/4	10 - 1/2	16 - 1/2
8 - 1/8	12 - 1/4	18 - 1/2
8 - 1/4	12 - 3/8	18 - 3/4
8 - 3/8	12 - 1/2	

10460 STRAIGHT CONNECTOR



4	12	18
6	14	22
8	15	
10	16	

10465 STRAIGHT CONNECTOR



4	10
6	12
8	14

10480 STRAIGHT MALE ADAPTOR (TAPER)



4 - 1/8	10 - 1/4	15 - 1/2
4 - 1/4	10 - 3/8	16 - 1/2
6 - 1/8	10 - 1/2	16 - 3/4
6 - 1/4	12 - 1/4	18 - 1/2
6 - 3/8	12 - 3/8	18 - 3/4
8 - 1/8	12 - 1/2	22 - 1/2
8 - 1/4	14 - 3/8	22 - 3/4
8 - 3/8	14 - 1/2	

10485 STRAIGHT MALE ADAPTOR (PARALLEL)



4 - 1/8	8 - 1/4	14 - 3/8
6 - 1/8	8 - 3/8	14 - 1/2
6 - 1/4	10 - 1/4	22 - 3/4
8 - 1/8	10 - 3/8	22 - 1"

10500 STRAIGHT FEMALE ADAPTOR



4 - 1/8	10 - 1/4	14 - 1/2
4 - 1/4	10 - 3/8	15 - 1/2
6 - 1/8	10 - 1/2	16 - 1/2
6 - 1/4	12 - 1/4	16 - 3/4
8 - 1/8	12 - 3/8	18 - 1/2
8 - 1/4	12 - 1/2	18 - 3/4
8 - 3/8	14 - 3/8	22 - 3/4

10510 EQUAL CROSS



4	10
6	12
8	14

13530 ORIENTING MALE ADAPTOR PARALLEL



6 - 1/8	8 - 1/4	10 - 3/8
6 - 1/4	8 - 3/8	14 - 3/8
8 - 1/8	10 - 1/4	14 - 1/2

13540 SLEEVE HOSE ADAPTER FOR CAOUTCHOUX TUBES



6 - 7 - 9	10 - 7 - 9	12 - 13 - 15.5
8 - 7 - 9	10 - 10 - 12	14 - 13 - 15.5
8 - 10 - 12	12 - 10 - 12	

10550 STRAIGHT MALE ADAPTOR WITH OR (PARALLEL)



4 - 1/8	8 - 1/4	14 - 1/4
6 - 1/8	8 - 3/8	14 - 3/8
6 - 1/4	10 - 1/4	14 - 1/2
8 - 1/8	10 - 3/8	22 - 3/4

10680

NUT



4	12	18
6	14	22
8	15	
10	16	

10740

BRASS OLIVE



4	12	18
6	14	22
8	15	
10	16	

10760

PTFE OLIVE



4	12	18
6	14	22
8	15	
10	16	

10770

INTERNAL SUPPORT BUSH



4/2.7 - 2.7	12/10 - 10	18/16 - 16
6/4 - 4	14/12 - 12	22/18 - 18
8/6 - 6	15/12.5 - 12.5	
10/8 - 8	16/13 - 13	
12/9 - 9	18/15 - 15	

13780

PLUG FOR UNIVERSAL FITTINGS



4	12	18
6	14	22
8	15	
10	16	

1612

STEEL AND NBR BIMATERIAL WASHER



1/8	1/2
1/4	3/4
3/8	1"

1613

STEEL AND NBR CENTERING BIMATERIAL WASHER



1/8	1/2
1/4	3/4
3/8	1"

SERIE 13000 UNIVERSAL FITTINGS

13200

TEE CONNECTOR



4	12	18
6	14	22
8	15	
10	16	

13220

TEE MALE ADAPTOR CENTRE LEG



4 - 1/8	10 - 3/8	15 - 1/2
6 - 1/8	10 - 1/2	16 - 1/2
6 - 1/4	12 - 1/4	18 - 1/2
8 - 1/8	12 - 3/8	18 - 3/4
8 - 1/4	12 - 1/2	22 - 3/4
8 - 3/8	14 - 3/8	
10 - 1/4	14 - 1/2	

13230

TEE MALE ADAPTOR OFF SET LEG



4 - 1/8	8 - 1/4	12 - 3/8
6 - 1/8	8 - 3/8	12 - 1/2
6 - 1/4	10 - 1/4	14 - 1/2
8 - 1/8	10 - 3/8	

13240

TEE FEMALE CENTRE LEG



4 - 1/8	10 - 3/8	15 - 1/2
6 - 1/8	10 - 1/2	16 - 1/2
6 - 1/4	12 - 1/4	18 - 1/2
8 - 1/8	12 - 3/8	18 - 3/4
8 - 1/4	12 - 1/2	
10 - 1/4	14 - 1/2	

13260

ELBOW CONNECTOR



4	12	18
6	14	22
8	15	
10	16	

13280

ELBOW MALE ADAPTOR



4 - 1/8	10 - 3/8	15 - 1/2
6 - 1/8	10 - 1/2	16 - 1/2
6 - 1/4	12 - 1/4	18 - 1/2
8 - 1/8	12 - 3/8	18 - 3/4
8 - 1/4	12 - 1/2	22 - 3/4
8 - 3/8	14 - 3/8	
10 - 1/4	14 - 1/2	

13290

ELBOW FEMALE ADAPTOR



4 - 1/8	10 - 1/4	14 - 1/2
6 - 1/8	10 - 3/8	15 - 1/2
6 - 1/4	10 - 1/2	16 - 1/2
8 - 1/8	12 - 1/4	18 - 1/2
8 - 1/4	12 - 3/8	18 - 3/4
8 - 3/8	12 - 1/2	

13300

ORIENTING ELBOW MALE ADAPTOR



4 - 1/8	8 - 3/8	18 - 1/2
4 - 1/4	10 - 1/4	18 - 3/4
6 - 1/8	10 - 3/8	22 - 3/4
6 - 1/4	10 - 1/2	22 - 1"
8 - 1/8	14 - 3/8	
8 - 1/4	14 - 1/2	

New

13460

STRAIGHT CONNECTOR



4	12	18
6	14	22
8	15	
10	16	

13465

BULKHEAD CONNECTOR



4	10
6	12
8	14

13480

STRAIGHT MALE ADAPTOR (TAPER)



4 - 1/8	10 - 1/4	15 - 1/2
4 - 1/4	10 - 3/8	16 - 1/2
6 - 1/8	10 - 1/2	16 - 3/4
6 - 1/4	12 - 1/4	18 - 1/2
6 - 3/8	12 - 3/8	18 - 3/4
8 - 1/8	12 - 1/2	22 - 1/2
8 - 1/4	14 - 3/8	22 - 3/4
8 - 3/8	14 - 1/2	

13483

STRAIGHT MALE ADAPTOR WITH OR (PARALLEL)



4 - 1/8	10 - 3/8	15 - 1/2
6 - 1/8	12 - 1/4	16 - 3/8
6 - 1/4	12 - 3/8	16 - 1/2
8 - 1/8	12 - 1/2	18 - 1/2
8 - 1/4	14 - 3/8	18 - 3/4
8 - 3/8	14 - 1/2	22 - 3/4
10 - 1/4	15 - 3/8	22 - 1"

New

13485

STRAIGHT MALE ADAPTOR (PARALLEL)



4 - 1/8	8 - 1/4	14 - 3/8
6 - 1/8	8 - 3/8	14 - 1/2
6 - 1/4	10 - 1/4	22 - 3/4
8 - 1/8	10 - 3/8	22 - 1"

13540

SLEEVE HOSE ADAPTER FOR CAOUTCHOUX TUBES



6 - 7 - 9	10 - 7 - 9	12 - 13 - 15.5
8 - 7 - 9	10 - 10 - 12	14 - 13 - 15.5
8 - 10 - 12	12 - 10 - 12	

13600

REDUCTION



4 - 6	10 - 12
6 - 8	12 - 14
8 - 10	

10770

INTERNAL SUPPORT BUSH



4/2.7 - 2.7	12/10 - 10	18/16 - 16
6/4 - 4	14/12 - 12	22/18 - 18
8/6 - 6	15/12.5 - 12.5	
10/8 - 8	16/13 - 13	
12/9 - 9	18/15 - 15	

13500

STRAIGHT FEMALE ADAPTOR



4 - 1/8	10 - 1/4	14 - 1/2
4 - 1/4	10 - 3/8	15 - 1/2
6 - 1/8	10 - 1/2	16 - 1/2
6 - 1/4	12 - 1/4	16 - 3/4
8 - 1/8	12 - 3/8	18 - 1/2
8 - 1/4	12 - 1/2	18 - 3/4
8 - 3/8	14 - 3/8	22 - 3/4

13550

SINGLE BANJO BODY WITH STEM



4 - 1/8	8 - 1/4	14 - 1/4
6 - 1/8	8 - 3/8	14 - 3/8
6 - 1/4	10 - 1/4	14 - 1/2
8 - 1/8	10 - 3/8	22 - 3/4

13680

NUT



4	12	18
6	14	22
8	15	
10	16	

1612

STEEL AND NBR BIMATERIAL WASHER



1/8	1/2
1/4	3/4
3/8	1"

13510

EQUAL CROSS



4	10
6	12
8	14

13550BI

SINGLE BANJO BODY WITH STEM AND BIMATERIAL WASHER (1613)

New



4 - 1/8	10 - 1/4	14 - 1/2
6 - 1/8	10 - 3/8	15 - 3/8
6 - 1/4	12 - 1/4	15 - 1/2
8 - 1/8	12 - 3/8	16 - 1/2
8 - 1/4	14 - 1/4	18 - 1/2
8 - 3/8	14 - 3/8	22 - 3/4

13740

BRASS OLIVE



4	12	18
6	14	22
8	15	
10	16	

1613

STEEL AND NBR CENTERING BIMATERIAL WASHER



1/8	1/2
1/4	3/4
3/8	1"

13530

ORIENTING MALE ADAPTOR PARALLEL



6 - 1/8	8 - 1/4	10 - 3/8
6 - 1/4	8 - 3/8	14 - 3/8
8 - 1/8	10 - 1/4	14 - 1/2

13570BI

DOUBLE BANJO BODY WITH STEM AND BIMATERIAL WASHER (1619)

New



4 - 1/8	10 - 1/4	14 - 1/2
6 - 1/8	10 - 3/8	15 - 3/8
6 - 1/4	12 - 1/4	15 - 1/2
8 - 1/8	12 - 3/8	16 - 1/2
8 - 1/4	14 - 1/4	18 - 1/2
8 - 3/8	14 - 3/8	22 - 3/4

13780

PLUG FOR UNIVERSAL FITTINGS



4	12	18
6	14	22
8	15	
10	16	

HOSE ADAPTER FOR LOCKING HOSE SELF

13800

FEMALE HOSE ADAPTER FOR LOCKING HOSE SELF



10x1 - 6 - 1/4	20x1.5 - 14 - 1/2
12X1 - 8 - 1/4	24x1.5 - 18 - 1/2
16x1.5 - 10 - 1/4	24x1.5 - 18 - 5/8
16x1.5 - 10 - 3/8	30x1.5 - 22 - 3/4
20x1.5 - 14 - 3/8	

13810

MALE HOSE ADAPTER FOR LOCKING HOSE SELF



G 1/8 - 1/4	G 1/2 - 1/2
G 1/4 - 1/4	G 1/2 - 5/8
G 1/4 - 3/8	G 3/4 - 5/8
G 3/8 - 3/8	G 3/4 - 3/4
G 3/8 - 1/2	

13820

NIPPLE



10x1 - 6 - 1/8	16x1,5 - 10 - 1/2
10x1 - 6 - 1/4	20x1,5 - 14 - 3/8
10x1 - 6 - 3/8	20x1,5 - 14 - 1/2
12x1 - 8 - 1/8	24x1,5 - 18 - 1/2
12x1 - 8 - 1/4	24x1,5 - 18 - 3/4
12x1 - 8 - 3/8	30x1,5 - 22 - 3/4
16x1,5 - 10 - 1/4	30x1,5 - 22 - 1/2
16x1,5 - 10 - 3/8	

Serie Valves

MANUAL, PNEUMATIC AND SOLENOID PILOT VALVE



SERIE 01V MANUAL, PNEUMATIC, SOLENOID PILOT AND ASSISTED VALVES



Application

- Pneumatic Automation, Robotics, Handling
- Automotive Process
- Textile, Packaging, Heavy Duty
- Food Process
- Atex Zone



Component Parts and Materials

- Anodised and painted aluminium body
- Nickel-plated spool
- NBR seals



Reference Standard

1907/2006
REACH ✓

2011/65/CE
RoHS ✓

97/23/CE
(PED)

ATEX
94/9/CE

Solenoid Pilot Valve



		1/8	1/4	1/2
	THREADED	1/8	1/4	1/2
	6 bar FLOW RATE with Δp 1 bar	740 NI/min	1200 NI/min	5000 NI/min
	OPERATING PRESSURE	Monostable		
		2 ÷ 10 bar		
	TEMPERATURE	Bistable		
		1 ÷ 10 bar		
	TEMPERATURE	min		
		-10 °C		
	TEMPERATURE	max		
		+60 °C		
	SOLENOID VOLTAGE	24V DC - 12V DC - 24V AC		
		110V AC - 220V AC		
	MINIMUM POWER	2W - 3VA		
	MANUAL CONTROL	BISTABLE		
	TORQUE OF TIGHTENING THE NUT SOLENOID	0.6 Nm		

Serie	Actuation	Reactuation	Ways	Function	Size
0 1 V	S	0	3	N C	0 2
	S = Solenoid	0 = Monostable spring return 1 = Bistable	3 = 3/2 5 = 5/2 7 = 5/3	NO = Normally open NC = Normally closed CC = Normally closed OC = Normally exhausted PC = Normally pressurized 00 = Function not provided	02 = 1/8 03 = 1/4 05 = 1/2

Solenoid Assisted



		1/8	1/4
	THREADED	1/8	1/4
	6 bar FLOW RATE with Δp 1 bar	740 NI/min	1200 NI/min
	OPERATING PRESSURE	Vacuum ÷ 10 bar	
	PRESSURE DRIVE	Monostable	2 ÷ 10 bar
		Bistable	1 ÷ 10 bar
	TEMPERATURE	min	-10 °C
		max	+60 °C
	SOLENOID VOLTAGE	24V DC - 12V DC - 24V AC 110V AC - 220V AC	
	MINIMUM POWER	2W - 3VA	
	MANUAL CONTROL	BISTABLE	
	TORQUE OF TIGHTENING THE NUT SOLENOID	0.6 Nm	

Serie	Actuation	Reactuation	Ways	Function	Size
0 1 V	A A = Solenoid Assisted	0 0 = Monostable spring return 1 = Bistable	3 3 = 3/2 5 = 5/2 7 = 5/3	N C NO = Normally open NC = Normally closed CC = Normally closed OC = Normally exhausted PC = Normally pressurized 00 = Function not provided	0 2 02 = 1/8 03 = 1/4

Pneumatic Valve



		1/8	1/4	1/2
	THREADED	1/8	1/4	1/2
	6 bar FLOW RATE with Δp 1 bar	740 NI/min	1200 NI/min	5000 NI/min
	OPERATING PRESSURE	0 ÷ 10 bar		
	PRESSURE DRIVE	Monostable	2 ÷ 10 bar	
		Bistable	1 ÷ 10 bar	
	TEMPERATURE	min	-10 °C	
		max	+60 °C	

Serie	Actuation	Reactuation	Ways	Function	Size
0 1 V	P P = Pneumatic	0 0 = Monostable spring return 1 = Bistable	3 3 = 3/2 5 = 5/2 7 = 5/3	N C NO = Normally open NC = Normally closed CC = Normally closed OC = Normally exhausted PC = Normally pressurized 00 = Function not provided	0 2 02 = 1/8 03 = 1/4 05 = 1/2

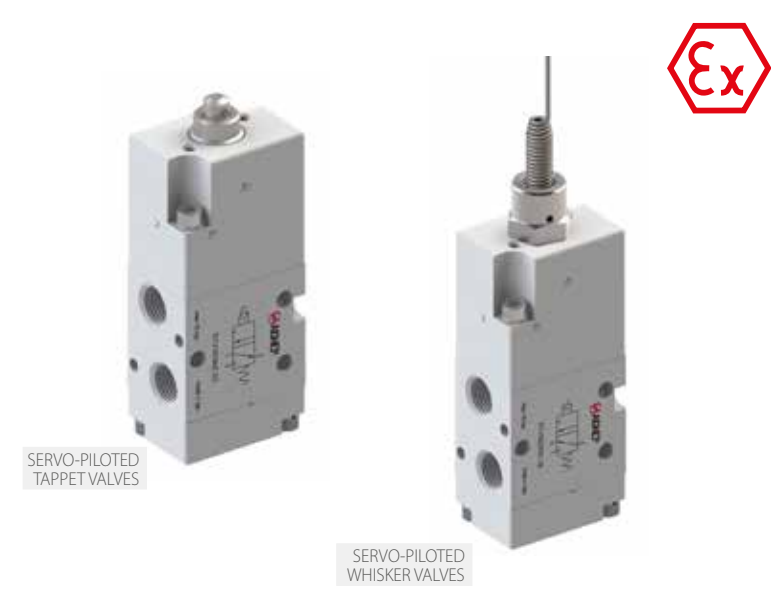
Manual Valve



		1/8	1/4
	THREADED	1/8	1/4
	6 bar FLOW RATE with Δp 1 bar	740 NI/min	1200 NI/min
	OPERATING PRESSURE	Vacuum ÷ 10 bar	
	TEMPERATURE	min	-10 °C
		max	+60 °C
	PANEL MOUNT	M 16x1	

Serie	Actuation	Reactuation	Ways	Function	Size
0 1 V	T L = 90° Lever	0 = Monostable spring return 1 = Bistable 2 = Stable in 3 positions	3 = 3/2 5 = 5/2 7 = 5/3	N C NO = Normally open NC = Normally closed CC = Normally closed OC = Normally exhausted PC = Normally pressurized 00 = Function not provided	0 2 02 = 1/8 03 = 1/4

Mechanically Actuated Valve

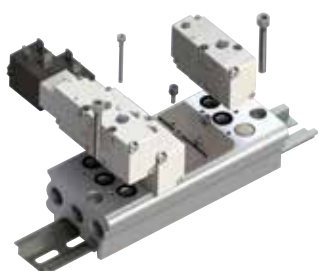


		1/8	
	THREADED	1/8	
	6 bar FLOW RATE with Δp 1 bar	740 NI/min	
	OPERATING PRESSURE	2 ÷ 10 bar	
	DRIVING FORCE	5.8 N	
	TEMPERATURE	min	-10 °C
		max	+60 °C

Serie	Actuation	Reactuation	Ways	Function	Size
0 1 V	V = Servo-piloted tappet N = Servo-piloted Whisker	0 = Monostable spring return	3 = 3/2 5 = 5/2	N C NC = Normally closed 00 = Function not provided	0 2 02 = 1/8

SERIE 01V MULTIPLE BASES

The bases are supplied with screws and O-Ring for attachment of the valves.


Manifold Plates 1/8

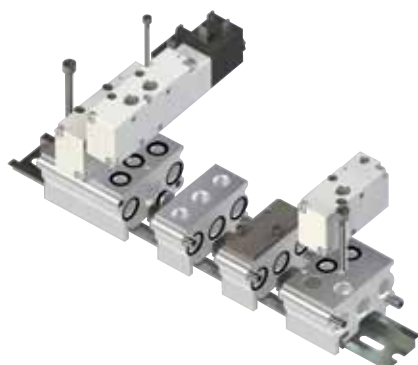
Code	Ways	Size
01V B0 0 00 02	2	1/8
01V B0 0 00 03	3	1/8
01V B0 0 00 04	4	1/8
01V B0 0 00 05	5	1/8
01V B0 0 00 06	6	1/8
01V B0 0 00 07	7	1/8
01V B0 0 00 08	8	1/8
01V B0 0 00 09	9	1/8
01V B0 0 00 10	10	1/8

Manifold Plates 1/4

Code	Ways	Size
01V B0 1 00 02	2	1/4
01V B0 1 00 03	3	1/4
01V B0 1 00 04	4	1/4
01V B0 1 00 05	5	1/4
01V B0 1 00 06	6	1/4
01V B0 1 00 07	7	1/4
01V B0 1 00 08	8	1/4
01V B0 1 00 09	9	1/4
01V B0 1 00 10	10	1/4

SERIE 01V MODULAR BASES

All the accessories are supplied with screws and seals to secure the correct assembly.


Front terminal-based integrated


Code	Size
01V B1 0 00 00	1/8
01V B1 0 00 01	1/4

Rear terminal-based integrated


Code	Size
01V B2 0 00 00	1/8
01V B2 0 00 01	1/4

Modular base


Code	Size
01V B3 0 00 00	1/8
01V B3 0 00 01	1/4

Intermediate power


Code	Size
01V B4 0 00 00	1/8
01V B4 0 00 01	1/4

Plug for 3 way valve connection


Code	Size
01V B6 0 00 00	1/8
01V B6 0 00 01	1/4

Intermediate steps for modular base


Code	Size
01V B8 0 00 00	1/8
01V B8 0 00 01	1/4

Cover plate


Code	Size
01V B8 0 00 01	1/8
01V B9 0 00 01	1/4

Omega bar bracket


Code	Size
01V B7 0 00 00	1/8 - 1/4

SERIE 02V MICROVALVES



Component Parts and Materials

- Anodised aluminium body
- Stainless Steel Spring
- NBR seals



Reference Standard

1907/2006
REACH ✓

2011/65/CE
RoHS ✓

97/23/CE
(PED)



Series	Actuation	Reactuation	Ways	Function	Size
0 2 V	G	0	3	N C	B 5
G = Tappet R = Short Roller U = Uni-directional Roller E = Panel Mounting Taper Microvalve 0 = Monostable spring return 3 = 3/2 NO = Normally open NC = Normally closed B5 = M5					

SERIE 03V 16 MM VALVES WITH MECHANICAL AND MANUAL DRIVE



Component Parts and Materials

- Anodised aluminium body
- Stainless Steel Spring
- NBR seals



Reference Standard

1907/2006
REACH ✓

2011/65/CE
RoHS ✓

97/23/CE
(PED)



Series	Actuation	Reactuation	Ways	Function	Size
0 3 V	G	0	3	N C	0 2
G = Tappet R = Short Roller H = Lever Z = Long Roller 0 = Monostable spring return 3 = 3/2 5 = 5/2 NC = Normally closed 00 = Function not provided 02 = 1/8					

SERIE 04V PANEL VALVES, PUSH BUTTONS AND SELECTORS



02VD03NCB5

Microvalve for panel mounting actuator



02VG03NCB5

Tappet microvalve

Interface for connection button



Code
04V 06 0 00 02
Double

Code
04V 06 0 00 01
Single

Protected push button



Code
04V 01 0 00 01

Colours
[Red] [Black] [White]



Code
04V 01 P 00 VE
04V 01 P 00 GI
04V 01 P 00 AZ

Colours
[Green] [Yellow] [Blue]

Axial mono-stable mushroom



Code
04V 02 0 0N 01
04V 02 0 0R 01

Colours
[Black] [Red]

Turn to unlock mushroom



Code
04V 02 0 0R 02

Key selector



Code
04V 03 0 00 01
04V 03 0 00 02
04V 03 0 00 03

Colours
[Black] [Black] [Black]

Short lever selector



Code
04V 04 0 0N 01
04V 04 0 0N 02
04V 04 0 0N 03
04V 04 0 0N 04

Colours
[Black] [Black] [Black] [Black]

Long lever selector



Code
04V 05 0 0N 01
04V 05 0 0N 02
04V 05 0 0N 03
04V 05 0 0N 04

Colours
[Black] [Black] [Black] [Black]

SERIE 05V VDMA 18 MM VALVES



Component Parts and Materials

- Anodised aluminium body
- Nickel-plated spool
- NBR seals



Reference Standard

1907/2006
REACH ✓

2011/65/CE
RoHS ✓

97/23/CE
(PED)

ISO 15407-1
VDMA 24563 TAGLIA 02
(18 mm)

Solenoid pilot valve 18 mm VDMA



	6 bar FLOW RATE with Δp 1 bar	550 NI/min
	OPERATING PRESSURE	Monostable: $2.5 \div 10$ bar Bistable: $1 \div 10$ bar
	TEMPERATURE	min: -10 °C max: $+60$ °C
	SOLENOID VOLTAGE	$24V$ DC $\div$ $24V$ AC
	MINIMUM POWER	$2W$ - $3VA$
	MANUAL CONTROL	MONOSTABLE
	RESPONSE TIME	Monostable: TRA = 13ms Bistable: TRR = 26ms TRA=TRR = 24ms

TRA = Response time with energised coil
TRR = Response time with deenergised coil

Serie	Actuation	Reaction	Ways	Function	Size
0 5 V	S	0	7	C C	0 0
	S = Solenoid	0 = Monostable spring return 1 = Bistable	3 = 3/2 5 = 5/2 7 = 5/3	CC = Normally closed OC = Normally exhausted 00 = Function not provided	00 = 24V DC 01 = 24V AC

Pneumatic valve 18 mm VDMA



	6 bar FLOW RATE with Δp 1 bar	550 NI/min
	PRESSURE DRIVE	$0 \div 10$ bar
	OPERATING PRESSURE	Monostable: $2 \div 10$ bar Bistable: $1 \div 10$ bar
	TEMPERATURE	min: -10 °C max: $+60$ °C
	RESPONSE TIME	Monostable: TRA = 12ms Bistable: TRR = 24ms TRA=TRR = 21ms

TRA = Response time with energised coil
TRR = Response time with deenergised coil

Serie	Actuation	Reaction	Ways	Function	Size
0 5 V	P	0	5	0 0	0 0
	P = Pneumatic	0 = Monostable spring return 1 = Bistable	5 = 5/2 7 = 5/3	CC = Normally closed OC = Normally exhausted 00 = Function not provided	

SERIE 05V MULTIPLE BASES

All the bases are supplied with screws and seals to secure the correct assembly.

Front terminal-based integrated



Code
05V B1 0 00 00

Rear terminal-based integrated



Code
05V B2 0 00 00

Modular base



Code
05V B3 0 00 00

Intermediate power



Code
05V B4 0 00 00

Intermediate plug



Code
05V B8 0 00 00

Gasket for intermediate plug



Code
05V B7 0 00 00

Cover plate



Code
05V B9 0 00 00

Individual base



Code
05V B5 0 00 00

SERIE 06V PEDAL VALVE



Codes:	Ways	Reactuation
06V 00 0 00 01	5/2	Monostable pedal valve with protection cover
06V 00 0 00 02	5/2	Monostable pedal valve with protection cover and safety feature
06V 00 0 00 03	5/2	Bistable pedal valve with protection cover
06V 00 0 00 04	5/2	Bistable with protection cover and safety lock

1/4		
	THREADED	1/4
	OPERATING PRESSURE	Monostable 2.5 ÷ 10 bar
		Bistable 1 ÷ 10 bar
	TEMPERATURE	+60 °C
	PROTECTION	TECHNOPOLYMER

SERIE 07V SOLENOID VALVES

Solenoid with manual override



Component Parts and Materials

- Anodised aluminium body
- NBR seals





Reference Standard

1907/2006
REACH

2011/65/CE
RoHS

97/23/CE
(PED)

ATEX
94/9/CE

	THREADED	1/8 - automatic Ø 4
	6 bar FLOW RATE with Δp 1 bar	30 NI/min
	OPERATING PRESSURE	0 ÷ 10 bar
	TEMPERATURE min	-10 °C
	max	+60 °C
	SOLENOID VOLTAGE	24V DC - 12V DC - 24V AC 110V AC - 220V AC
	MINIMUM POWER	3W - 5VA
	MANUAL CONTROL	BISTABLE
	TORQUE OF TIGHTENING THE NUT SOLENOID	0.6 Nm

Serie	Actuation	Reactuation	Ways	Function	Size
0 7 V	S	0	3	N C	0 2
	S = Solenoid with manual override	0 = Monostable spring return	3 = 3/2	NO = Normally open NC = Normally closed	02 = 1/8 X1 = Ø 4

SERIE 07V SOLENOID VALVES ON MANIFOLD

3/2 NC Solenoid valves on manifold with manual override



Codes:	Ways	Size
07V B0 0 00 02	2	1/8
07V B0 0 00 03	3	1/8
07V B0 0 00 04	4	1/8
07V B0 0 00 05	5	1/8
07V B0 0 00 06	6	1/8
07V B0 0 00 07	7	1/8
07V B0 0 00 08	8	1/8
07V B0 0 00 09	9	1/8
07V B0 0 00 10	10	1/8

Miniature solenoid valves 10 mm



Reference Standard

1907/2006
REACH ✓

2011/65/CE
RoHS ✓

97/23/CE
(PED)

	MAX PRESSURE	Vacuum ÷ 7 bar	
	TEMPERATURE	min	-5 °C
		max	+50 °C
	6 bar FLOW RATE with Δp 1 bar	14 NI/min	
	EXHAUST FLOW	22 NI/min	
	ORIFICE SIZE	0.7 mm	
	MAX NUMBER OF CYCLES PER MINUTE	2700	

	LIFE EXPECTANCY	50 million cycles
	SOLENOID VOLTAGE	12V DC ÷ 24V DC
	VOLTAGE TOLLERANCE	-5% +10%
	POWER	1.3 W
	RESPONSE TIME	energized 8 ms
		de-energized 10 ms
	CLASS OF PROTECTION	F (155 °C)

Serie	Actuation	Reactuation	Ways	Function	Orifice size	Voltage
0 7 V	1	1	3	N C	0	0
	1 = 10 mm	1 = line connector + led 2 = 90° connector + led 3 = Cable (300 mm)	3 = 3/2	NO = Normally open NC = Normally closed	0 = 0.7 mm	0 = 12 V DC 1 = 24 V DC

Miniature solenoid valves 15 mm



Reference Standard

1907/2006
REACH ✓

2011/65/CE
RoHS ✓

97/23/CE
(PED)

ISO 15218

	MAX PRESSURE	NO	0 ÷ 7 bar
		NC	0 ÷ 10 bar
	TEMPERATURE	min	-5 °C
		max	+50 °C
	6 bar FLOW RATE with Δp 1 bar	30 NI/min	
	ORIFICE SIZE	1.1 mm	
	LIFE EXPECTANCY	50 million cycles	

	SOLENOID VOLTAGE	12V DC ÷ 24V DC
	VOLTAGE TOLLERANCE	-5% +10%
	POWER	2.3 W
	RESPONSE TIME	10 ÷ 12 ms
	CLASS OF PROTECTION	F (155 °C)

Serie	Actuation	Reactuation	Ways	Function	Orifice size	Voltage
0 7 V	2	0	3	N C	1	0
	2 = 15 mm	0 = For terminals DIN 43650C	3 = 3/2	NO = Normally open NC = Normally closed	1 = 1.1 mm	0 = 12 V DC 1 = 24 V DC

SERIE 07V MULTIPLE BASES AND ACCESSORIES
Individuals and multiples bases


Miniature solenoid valves 10 mm

Code	Ways
07V 1B 0 00 01	1
07V 1B 0 00 02	2
07V 1B 0 00 06	6
07V 1B 0 00 08	8



Miniature solenoid valves 15 mm

Code	Ways
07V 2B 0 00 01	1
07V 2B 0 00 02	2
07V 2B 0 00 06	6
07V 2B 0 00 08	8

Closing plate


Miniature solenoid valves 10 mm

Code
07V B1 9 00 00

Miniature solenoid valves 15 mm

Code
07V 2B 9 00 00

Connector with PVC cable


Miniature solenoid valves 10 mm

Code	Characteristics
CON 21 0 24 00	0÷24v
CON 21 0 24 01	0÷24v

Connector 15 mm


□ TRANSPARENT ■ BLACK

Miniature solenoid valves 15 mm

Code	Characteristics
CON 11 000 01	STANDARD A 2 POLI (2 PIN)
CON 12 024 00	LED + VDR 0 - 24V

SERIE 08V NAMUR VALVES

Component Parts and Materials

- Anodised and painted aluminium body
- Chemical nickel-plated spool
- NBR seals


Reference Standard

1907/2006 REACH ✓	2011/65/CE RoHS ✓	97/23/CE (PED)	ATEX 94/9/CE	VDI/VDE 3845
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Solenoid pilot valve


	1/4
THREADED	1/4
6 bar FLOW RATE with Δp 1 bar	1200 NI/min
OPERATING PRESSURE	Monostable: 2 ÷ 10 bar Bistable: 1 ÷ 10 bar
TEMPERATURE	min: -10 °C max: +60 °C
SOLENOID VOLTAGE	24V DC - 12V DC - 24V AC 110V AC - 220V AC
MINIMUM POWER	2W - 3VA
MANUAL CONTROL	BISTABLE
TORQUE OF TIGHTENING THE NUT SOLENOID	0.6 Nm

Serie

Actuation

Reactuation

Ways

Function

Size

0 8 V
S
0
4
N C
0 3

S = Solenoid

 0 = Monostable spring return
1 = Bistable

 4 = 4/2
5 = 5/2

 NC = Normally closed
00 = Function not provided

03 = 1/4

Pneumatic valve



1/4		
	THREADED	1/4
	6 bar FLOW RATE with Δp 1 bar	1200 NI/min
	OPERATING PRESSURE	0 ÷ 10 bar
	PRESSURE DRIVE	Monostable
		Bistable
	TEMPERATURE	min
		max

Serie	Actuation	Reactuation	Ways	Function	Size
0 8 V	P	0	4	N C	0 3
	P = Pneumatic	0 = Monostable spring return 1 = Bistable	4 = 4/2 5 = 5/2	NC = Normally closed 00 = Function not provided	03 = 1/4

New

SERIE 12V ROTARY HAND LEVER VALVES



Component Parts and Materials

- Anodised and painted aluminium body
- NBR seals



Reference Standard

1907/2006 REACH ✓	2011/65/CE RoHS ✓	97/23/CE (PED)
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	OPERATING PRESSURE	0 ÷ 10 bar
	TEMPERATURE	min
		max
	RESPONSE TIME	CC
		OC
		NO

Serie	Actuation	Reactuation	Ways	Function	Size
1 2 V 1	L	1	4	N 0	0 2
12V1 12V2 12V3	L = Lever	1 = Bistable 2 = Stable in 3 positions	4 = 4/2 6 = 4/3	NO = Normally open CC = Normally closed OC = Normally exhausted	02 = 1/8 03 = 1/4 04 = 3/8 05 = 1/2 07 = 3/4

SOLENOIDS AND CONNECTORS

Solenoid SOL01 22 mm



Code	Voltage	Power
SOL01 012 C 1 000	12V DC	3W
SOL01 024 C 1 000	24V DC	3W
SOL01 024 C 3 000	24V DC	2W
SOL01 024 A 2 000	24V AC	5VA
SOL01 110 A 2 000	110V AC	5VA
SOL01 220 A 2 000	220V AC	5VA

Connector 22 mm



Code	Color	Characteristics
CON01 000 01	Black	STANDARD A 2 POLI (2 PIN)
CON02 024 00	White	LED + VDR 0 - 24V
CON02 110 00	White	LED + VDR 110V
CON02 250 00	White	LED + VDR 220V

Solenoid SOLU1 22 mm
UL1446 CAN/CSA C22.2



Code	Voltage	Power
SOLU1 012 C 1 000	12V DC	3W
SOLU1 024 C 3 000	24V DC	2W
SOLU1 024 A 2 000	24V AC	5VA
SOLU1 110 A 2 000	110V AC	5VA
SOLU1 220 A 2 000	220V AC	5VA

CONU1 22 mm
EN 175301-803 A/ISO 4400
UL/CSA APPROVED



Code	Color	Characteristics
CONU1 000 01	Black	STANDARD A 2 POLI (2 PIN)

Solenoid SOLX2 30 mm
ATEX II2G EX DMD IIC T5 GB



Code	Voltage	Power
SOLX2 012 C 1 000	12V DC	3W
SOLX2 024 C 1 000	24V DC	3W
SOLX2 024 A 2 000	24V AC	4,8VA
SOLX2 110 A 2 000	110V AC	4,8VA
SOLX2 220 A 2 000	220V AC	4,8VA

Connector 15mm



Code	Color	Characteristics
CON11 000 01	Black	STANDARD A 2 POLI (2 PIN)
CON12 024 00	White	LED + VDR 0 - 24V



Serie Actuators

PNEUMATIC ACTUATORS



Application

- Pneumatic Automation, Robotics, Handling
- Automotive Process
- Textile, Packaging, Heavy Duty
- Food Process
- Atex Zone



Fluids

- Filtered and lubricated compressed air as well as non lubricated air.

CARTRIDGE CYLINDERS



Reference Standard

1907/2006
REACH ✓

2011/65/CE
RoHS ✓

97/23/CE
(PED)

SILICON
FREE

ATEX
94/9/CE



Pressures

2 bar (0.2 MPa)
7 bar (0.7 MPa)



Temperatures

0 °C (-20 °C with dry air)
+ 80 °C

Serie	Ø mm	Stroke
C A F	0 6	0 0 1 0
▲ CA Single acting no-threaded piston rod	06	0005
▲ CAF Single acting threaded piston rod	10	0010
	16	0015

Ø (mm)	Strokes (mm)		
	5	10	15
6	▲	▲	▲
10	▲	▲	▲
16	▲	▲	▲



1907/2006



1 bar (0.1 MPa)

10 bar (1 MPa)



0 °C (-20 °C with dry air)

+ 80 °C

Series	Ø mm	Stroke	Special version
M F	0 0 8	0 0 2 5	V S
▲ MB Single-Acting Magnetic	008	0010 0150	VS Rod Seals in FKM
■ MD Single-Acting Magnetic Spring Thrust	010	0025 0160	V Seals in FKM
	012	0050 0200	
● MF Double Acting Magnetic	016	0080 0250	
○ MFN Double Acting Magnetic Head Cut, Feed At 90°	020	0100 0320	
	025	0125	
		Intermediate or higher strokes are available upon request.	
○ MFX Double Acting Magnetic HHead Cut, Feed On Axis			
◆ MH Double Acting Cushioned Magnetic			
○ MJ Double Acting Magnetic With Double Rod End			
◆ ML Double Acting Cushioned Magnetic With Double Rod End			

Ø (mm)	Strokes (mm)							
	10	25	50	80	100	125	160	200
8	▲ ●	▲ ●	▲ ●	●	●	●		

Ø (mm)	Strokes (mm)									
	10	25	50	80	100	125	160	200	250	320
8	▲●	▲●	▲●	●	●	●				
10	▲●	▲●	▲●	●	●	●				
12	▲●	▲●	▲●	●	●	●	●	●	●	
16	▲■●○	▲■●○	▲■●○	●●○	●●○	●●○	●●○	●●○	●●○	
20	▲■●○	▲■●○	▲■●○	●●○	●●○	●●○	●●○	●●○	●●○	●●○
25	▲■●○	▲■●○	▲■●○	●●○	●●○	●●○	●●○	●●○	●●○	●●○

ACCESSORIES

Code	Ø
MRL 020	20
MRL 025	25

Code	Ø
MFL 008	8-10
MFL 012	12-16
MFL 020	20-25

Code	Ø
MPD 008	8-10
MPD 012	12-16
MPD 020	20-25

Code	Ø
MCC 008	8-10
MCC 012	12-16
MCC 020	20-25

NUT FOR COVERS	
Code	Ø
ODA00 00 5I D5 ZI	M12x1.25
ODA00 00 5I E3 ZI	M16x1.5
ODA00 00 5I F6 ZI	M22x1.5

NUT FOR RODS	
Code	Ø
0DA00 00 51 B1 ZI	M4
0DA00 00 51 B8 ZI	M6
0DA00 00 51 C3 ZI	M8x1.25
0DA00 00 51 C9 ZI	M10x1.25

Code	Ø
FC 008	M4
FC 012	M6
FC 020	M8
FC 025	M10x1.25

Code	Ø
TF 008	M4x0,7
TF 012	M6x1
TF 020	M8x1.25
TF 025	M10x1.25

MINI CYLINDERS INOX ISO 6432



Reference Standard

1907/2006
REACH ✓

2011/65/CE
RoHS ✓

97/23/CE
(PED)

SILICON
FREE

ATEX
94/9/CE



Pressures

2 bar (0.2 MPa)

10 bar (1 MPa)



Temperatures

0 °C (-20 °C with dry air)

+ 80 °C

Serie

Ø mm

Stroke

Special version

M F I

● **MFI** Inox Double Acting Magnetic

0 1 6

016
020
025

0 0 2 5

0010
0025
0050
0080
0100
0125
0150
0160
0200
0250
0320

Intermediate or higher strokes are
available upon request.

V S

VS Rod Seals in FKM
V Seals in FKM

Ø (mm)	Strokes (mm)									
	10	25	50	80	100	125	160	200	250	320
16	•	•	•	•	•	•	•	•	•	•
20	•	•	•	•	•	•	•	•	•	•
25	•	•	•	•	•	•	•	•	•	•

ACCESSORIES

MFLI
FLANGE



Code
MFLI 016
MFLI 020

Ø
16
20-25

MPDI
FOOT



Code
MPDI 016
MPDI 020

Ø
16
20-25

MCCI
CLEVIS BRACKET



Code
MCCI 016
MCCI 020

Ø
16
20-25

DA



NUT FOR COVERS

Code
0DA00 00 43 E3 00
0DA00 00 43 F6 00

Ø
M16x1.5
M22x1.5

NUT FOR RODS

Code
0DA00 00 43 B8 00
0DA00 00 43 C3 00
0DA00 00 43 C9 00

Ø
M6
M8x1.25
M10x1.25

CYLINDERS A95



Reference Standard

1907/2006
REACH

2011/65/CE
RoHS

97/23/CE
(PED)

SILICON
FREE

ATEX
94/9/CE



Pressures

1 bar (0.1 MPa)

10 bar (1 MPa)



Temperatures

0 °C (-20 °C with dry air)

+ 80 °C

Serie

Ø mm

Stroke

A B

0 3 2

0 0 2 5

- ▲ **AB** Single-Acting Magnetic
- ▲ **AD** Single-Acting Magnetic - Spring Thrust
- **AF** Double Acting Magnetic
- ◆ **AH** Double Acting Cushioned Magnetic
- **AJ** Double Acting Magnetic With Double Rod End
- ◆ **AL** Double Acting Cushioned Magnetic With Double Rod End

032
040
050
063

0010 0160
0025 0200
0050 0250
0080 0320
0100 0400
0125 0500
0150

Intermediate or higher strokes are available upon request.

Ø (mm)	Strokes (mm)											
	10	25	50	80	100	125	160	200	250	320	400	500
32	▲●	▲◆	▲◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
40	▲●	▲◆	▲◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
50	▲●	▲◆	▲◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
63	▲●	▲◆	▲◆	◆	◆	◆	◆	◆	◆	◆	◆	◆

ACCESSORIES

ACC

CLEVIS BRACKET



Code	Ø
ACC 032	32
ACC 040	40
ACC 050	50
ACC 063	63

APD

FOOT FLANGE



Code	Ø
APD 032	32
APD 040	40
APD 050	50
APD 063	63

AGT

NUT



Code	Ø
AGT 032	M30x1.5
AGT 040	M38x1.5
AGT 050	M45x1.5

APE

PIVOT



Code	Ø
APE 032	32
APE 040	40
APE 050	50
APE 063	63

DA

NUT FOR RODS



Code	Ø
ODA00 00 51 C9 ZI	M10x1.25
ODA00 00 51 D5 ZI	M12x1.25
ODA00 00 51 E3 ZI	M16x1.5

FC

YOKE WITH LOCABLE PIN



Code	Ø
FC 025	M10x1.25
FC 040	M12x1.25
FC 050	M16x1.5

TF

ROD ENDS SELF-LUBRIFICATING



Code	Ø
TF 025	M10x1.25
TF 040	M12x1.25
TF 050	M16x1.5

SERIE Q COMPACT CYLINDERS



Reference Standard

1907/2006
REACH

2011/65/CE
RoHS

97/23/CE
(PED)

SILICON
FREE

ATEX
94/9/CE



Pressures

1 bar (0.1 MPa)
10 bar (1 MPa)



Temperatures

0 °C (-20 °C with dry air)
+ 80 °C

Serie

Version

Ø mm

Stroke

Q F



0 1 2

0 0 2 5

- ▲ **QB** Single-Acting Magnetic
- ▲ **QD** Single-Acting Magnetic - Spring Thrust
- **QF** Double Acting Magnetic
- **QJ** Double Acting Magnetic With Double Rod End
- ◆ **QFA** Double Acting Magnetic Antirotation

= Standard female rod
M = Male rod (NO QFA)

012
016
020
025
032
040
050
063
080
100

0005 0050
0010 0060
0015 0080
0020 0100
0025 0125
0030 0150
0040 0200

Intermediate or higher strokes are available upon request.

Ø (mm)	Strokes (mm)													
	5	10	15	20	25	30	40	50	60	80	100	125	150	200
12	▲◆◆	▲◆◆	◆◆	◆◆	◆◆	◆◆	◆◆							
16	▲◆◆	▲◆◆	▲◆◆	▲◆◆	▲◆◆	◆◆	◆◆							
20	▲◆◆	▲◆◆	▲◆◆	▲◆◆	▲◆◆	◆◆	◆◆	◆◆						
25	▲◆◆	▲◆◆	▲◆◆	▲◆◆	▲◆◆	◆◆	◆◆	◆◆						
32	▲◆◆	▲◆◆	▲◆◆	▲◆◆	▲◆◆	◆◆	◆◆	◆◆	◆◆	◆◆	◆	◆	◆	
40	▲◆◆	▲◆◆	▲◆◆	▲◆◆	▲◆◆	◆◆	◆◆	◆◆	◆◆	◆◆	◆	◆	◆	◆
50	▲◆◆	▲◆◆	▲◆◆	▲◆◆	▲◆◆	◆◆	◆◆	◆◆	◆◆	◆◆	◆	◆	◆	◆
63	▲◆◆	▲◆◆	▲◆◆	▲◆◆	▲◆◆	◆◆	◆◆	◆◆	◆◆	◆◆	◆	◆	◆	◆
80	▲◆◆	▲◆◆	▲◆◆	▲◆◆	▲◆◆	◆◆	◆◆	◆◆	◆◆	◆◆	◆	◆	◆	◆
100	▲◆◆	▲◆◆	▲◆◆	▲◆◆	▲◆◆	◆◆	◆◆	◆◆	◆◆	◆◆	◆	◆	◆	◆

ACCESSORIES

QFL
FLANGE



Steel

Code
QFL 012 Ø 12 - 16
QFL 020 20
QFL 025 25

QFL
FLANGE



Steel

Code
QFL 032 Ø 32
QFL 040 40
QFL 050 50
QFL 063 63
QFL 080 80
QFL 100 100

QCP
LOW-RISE PEDESTAL



Steel

Code
QCP 012 Ø 12 - 16
QCP 020 20
QCP 025 25
QCP 032 32

QCP
LOW-RISE PEDESTAL



Steel

Code
QCP 040 Ø 40
QCP 050 50
QCP 063 63
QCP 080 80
QCP 100 100

QCM

MALE HINGE WITH SELF-LUBRICATING BUSHES



Aluminium

Code	Ø
QCM 012	12 - 16
QCM 020	20
QCM 025	25

TM

MALE ROD ENDS



Steel

Code	Ø
TM 020	M5x0.8
TM 032	M6x1
TM 050	M8x1.25
TM 080	M10x1.5
TM 100	M12x1.75

QCF

FEMALE HINGE WITH SELF-LUBRICATING BUSHES



Aluminium

Code	Ø
QCF 032	32
QCF 040	40
QCF 050	50
QCF 063	63
QCF 080	80
QCF 100	100

VAS

SQUARE JOINT



Aluminium ●
Inox ■

Code ●	Code ■	Ø
VAS 032	VASI 032	32
VAS 040	VASI 040	40
VAS 050	VASI 050	50
VAS 063	VASI 063	63
VAS 080	VASI 080	80
VAS 100	VASI 100	100

VPE

PIN WITH SEEGER



Steel ●
Inox ■

Code ●	Code ■	Ø
VPE 032	VPEI 032	32
VPE 040	VPEI 040	40
VPE 050	VPEI 050	50
VPE 063	VPEI 063	63
VPE 080	VPEI 080	80
VPE 100	VPEI 100	100

SERIE B SHORT STROKE CYLINDERS



Reference Standard

1907/2006
REACH ✓

2011/65/CE
RoHS ✓

97/23/CE
(PED)

SILICON
FREE

ATEX
94/9/CE



Pressures

1 bar (0.1 MPa)
10 bar (1 MPa)



Temperatures

0 °C (-20 °C with dry air)
+ 80 °C

Serie

Version

Ø mm

Stroke

B B



0 1 2

0 0 2 5

- ▲ **BB** Single-Acting Magnetic
- ▲ **BD** Single-Acting Magnetic - Spring Thrust
- **BF** Double Acting Magnetic
- **BJ** Double Acting Magnetic With Double Rod End
- **BFA** Double Acting Magnetic Antirotation

= Standard female rod
M = Male rod (NO QFA)

012
016
020
025
032
040
050
063
080
100

0005 0030
0010 0040
0015 0050
0020 0075
0025 0100

Intermediate or higher strokes are available upon request.

Ø (mm)	Strokes (mm)									
	5	10	15	20	25	30	40	50	75	100
12	●▲	●▲	●▲	●▲	●▲	●	●			
16	●▲	●▲	●▲	●▲	●▲	●	●			
20	●▲	●▲	●▲	●▲	●▲	●	●	●		
25	●▲	●▲	●▲	●▲	●▲	●	●	●		
32	●▲	●▲	●▲	●▲	●▲	●▲	●▲	●▲	●	●
40	●▲	●▲	●▲	●▲	●▲	●▲	●▲	●▲	●	●
50	●▲	●▲	●▲	●▲	●▲	●▲	●▲	●▲	●	●
63	●▲	●▲	●▲	●▲	●▲	●▲	●▲	●▲	●	●
80	●▲	●▲	●▲	●▲	●▲	●▲	●▲	●▲	●	●
100	●▲	●▲	●▲	●▲	●▲	●▲	●▲	●▲	●	●

QFL
FLANGE


Steel

Code	Ø
QFL 012	12 - 16
QFL 020	20
QFL 025	25

VFL
FLANGE

Steel ●
Inox ■

Code ●	Code ■	Ø
VFL 032	VFLI 032	32
VFL 040	VFLI 040	40
VFL 050	VFLI 050	50
VFL 063	VFLI 063	63
VFL 080	VFLI 080	80
VFL 100	VFLI 100	100
VFL 125	-	125
VFL 160	-	160
VFL 200	-	200
VFL 250	-	250
VFL 320	-	320

QCP
LOW-RISE PEDESTAL


Steel

Code	Ø
QCP 012	12 - 16
QCP 020	20
QCP 025	25

VCP
LOW-RISE PEDESTAL

Steel ●
Inox ■

Code ●	Code ■	Ø
VCP 032	VCPI 032	32
VCP 040	VCPI 040	40
VCP 050	VCPI 050	50
VCP 063	VCPI 063	63
VCP 080	VCPI 080	80
VCP 100	VCPI 100	100

QCM
MALE HINGE WITH SELF-LUBRICATING BUSHES


Aluminium

Code	Ø
QCM 012	12 - 16
QCM 020	20
QCM 025	25

VCM
MALE CLEVIS BRACKET

Aluminium ●
Inox ■
Iron ◆

Code ●	Code ■	Code ◆	Ø
VCM 032	VCMI 032	VCMZ 032 NE	32
VCM 040	VCMI 040	VCMZ 040 NE	40
VCM 050	VCMI 050	VCMZ 050 NE	50
VCM 063	VCMI 063	VCMZ 063 NE	63
VCM 080	VCMI 080	VCMZ 080 NE	80
VCM 100	VCMI 100	VCMZ 100 NE	100

VCF
FEMALE HINGE WITH SELF-LUBRICATING BUSHES

Aluminium ●
Inox ■

Code ●	Code ■	Ø
VCF 032	VCFI 032	32
VCF 040	VCFI 040	40
VCF 050	VCFI 050	50
VCF 063	VCFI 063	63
VCF 080	VCFI 080	80
VCF 100	VCFI 100	100

VAS
SQUARE JOINT

Aluminium ●
Inox ■

Code ●	Code ■	Ø
VAS 032	VASI 032	32
VAS 040	VASI 040	40
VAS 050	VASI 050	50
VAS 063	VASI 063	63
VAS 080	VASI 080	80
VAS 100	VASI 100	100

VPE
PIN WITH SEEGER

Steel ●
Inox ■

Code ●	Code ■	Ø
VPE 032	VPEI 032	32
VPE 040	VPEI 040	40
VPE 050	VPEI 050	50
VPE 063	VPEI 063	63
VPE 080	VPEI 080	80
VPE 100	VPEI 100	100

TM
MALE ROD ENDS


Steel

Code	Ø
TM 020	M5x0.8
TM 032	M6x1
TM 050	M8x1.25
TM 080	M10x1.5
TM 100	M12x1.75

SERIE X CYLINDER ISO 15552



Reference Standard

1907/2006
REACH ✓

2011/65/CE
RoHS ✓

97/23/CE
(PED)

SILICON
FREE

ATEX
94/9/CE



Pressures

1 bar (0.1 MPa)

10 bar (1 MPa)



Temperatures

0 °C (-20 °C with dry air)

+ 80 °C

Serie

Ø mm

Stroke

Special version

X H

- ▲ **XB** Single-Acting Magnetic
- **XH** Double acting cushioned magnetic
- **XL** Double Acting cushioned magnetic with double rod end

0 3 2

032
040
050
063
080
100
125

0 0 2 5

0025 0320
0050 0350
0075 0400
0080 0450
0100 0500
0125 0600
0150 0700
0160 0800
0200 0900
0250 1000
0300

Intermediate or higher strokes are
available upon request.
Maximum stroke 2700 mm.

V S

- VS** Only Rod Seals in FKM
- IS** Stainless steel rod
- V** All FKM seals
- R** Metal Scraper

Ø (mm)	Strokes (mm)																		
	25	50	75	80	100	125	150	160	200	250	300	320	350	400	450	500	600	700	800
32	▲●	▲●	▲●	▲●	▲●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
40	▲●	▲●	▲●	▲●	▲●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
50	▲●	▲●	▲●	▲●	▲●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
63	▲●	▲●	▲●	▲●	▲●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
80	▲●	▲●	▲●	▲●	▲●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
100	▲●	▲●	▲●	▲●	▲●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
125	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

XHB

CYLINDERS X SERIE ISO 15552 WITH PISTON ROD LOCK



Ø
32
40
50
63
80
100
125

XHT

TANDEM CYLINDERS X SERIE ISO 15552



Ø
32
40
50
63
80
100
125

SERIE E CYLINDER ISO 6431



Ø 32÷125

Aluminum jacket called "G" with longitudinal slots for the insertion of the retractable sensor.



Ø 32÷320

Shirt aluminum rods with rounded profile.



Reference Standard

1907/2006
REACH

2011/65/CE
RoHS

97/23/CE
(PED)

SILICON
FREE

ATEX
94/9/CE



Pressures

1 bar (0.1 MPa)

10 bar (1 MPa)



Temperatures

0 °C (-20 °C with dry air)

+ 80 °C

Serie

Ø mm

Stroke

Mounting type

Special version

E H

0 3 2

0 0 2 5

G

V S

- **EH** Double acting cushioned magnetic
- **EL** Double Acting cushioned magnetic with double rod end

032
040
050
063
080
100
125
160
200
250
320

0025 0320
0050 0350
0075 0400
0080 0450
0100 0500
0125 0600
0150 0700
0160 0800
0200 0900
0250 1000
0300

Intermediate or higher strokes are available upon request.
Maximum stroke 2700 mm.

- G** Anodized aluminium tube Mickey-mouse profile with slots (32÷125)
- T** Anodized aluminium tube round profile with tie rods (32÷320)

- VS** Only Rod Seals in FKM
- IS** Stainless steel rod
- V** All FKM seals
- R** Metal Scraper (160-200-250)

Ø (mm)	Strokes (mm)																				
	25	50	75	80	100	125	150	160	200	250	300	320	350	400	450	500	600	700	800	900	1000
32	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
40	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
50	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
63	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
80	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
100	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
125	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
160	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
200	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
250	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
320	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

SERIE V INOX CYLINDER ISO 15552



Reference Standard

1907/2006
REACH ✓

2011/65/CE
RoHS ✓

97/23/CE
(PED)

SILICON
FREE



Pressures

1 bar (0.1 MPa)

10 bar (1 MPa)



Temperatures

0 ÷ 80°C (-20 °C with dry air)

0 ÷ 150 °C (-20 °C with high temperature seal)

Serie

Ø mm

Stroke

Special version

V H I

0 3 2

0 0 2 5

V S

▲ **VHI** Double acting cushioned magnetic

▲ **VLI** Double Acting cushioned magnetic with double rod end

032
040
050
063
080
100

0025 0320
0050 0350
0075 0400
0080 0450
0100 0500
0125 0600
0150 0700
0160 0800
0200 0900
0250 1000
0300

Intermediate or higher strokes are available upon request.
Maximum stroke 2700 mm.

VS Only Rod Seals in FKM

V All FKM seals

Ø (mm)	Strokes (mm)																		
	25	50	75	80	100	125	150	160	200	250	300	320	350	400	450	500	600	700	800
32	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
40	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
50	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
63	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
80	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
100	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲

SERIE NHA - TWIN PISTON ROD CYLINDER ISO 15552



Reference Standard

1907/2006
REACH ✓

2011/65/CE
RoHS ✓

97/23/CE
(PED)

SILICON
FREE

ATEX
94/9/CE



Pressures

1 bar (0.1 MPa)

10 bar (1 MPa)



Temperatures

0 °C (-20 °C with dry air)

+ 80 °C

Serie	Ø mm	Stroke	Mounting type	Special version
N H A	0 3 2	0 0 2 5	G	I S
▲ NHA Double Acting Cushioned Magnetic ▲ NLA Double acting double rod cushioned magnetic ▲ NQA Double Acting cushioned magnetic with double rod end	032 040 050 063 080 100	0025 0200 0050 0250 0080 0320 0100 0350 0125 0400 0160	G Anodized aluminium tube Mickey-mouse profile with slots	IS Stainless steel rod
Intermediate or higher strokes are available upon request.				

Ø (mm)	Strokes (mm)											
	25	50	80	100	125	160	200	250	320	350	400	500
32	▲	▲	▲	▲	▲	▲	▲	▲	▲			
40	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲		
50	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲		
63	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	
80	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
100	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲

SERIE W COMPACT CYLINDERS ISO 21287



Reference Standard

1907/2006 REACH	2011/65/CE RoHS	97/23/CE (PED)	SILICON FREE	ATEX 94/9/CE
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Pressures

1 bar (0.1 MPa)
10 bar (1 MPa)



Temperatures

0 °C (-20 °C with dry air)
+ 80 °C

Serie	Version	Ø mm	Stroke
W B		0 2 0	0 0 2 5
▲ WB - WBM Single-Acting Magnetic ▲ WD - WDM Single-Acting Magnetic, Spring Thrust ● WF - WFM Double Acting Magnetic ● WJ - WJM Double Acting Magnetic With Double Rod End # WFA Double Acting Magnetic Antirotation	= Standard female rod M = Male rod (NO WFA)	020 025 032 040 050 063 080 100	0005 0060 0010 0080 0015 0100 0020 0125 0025 0150 0030 0160 0040 0200 0050
Intermediate or higher strokes are available upon request. Maximum stroke 2700 mm.			

Ø (mm)	Strokes (mm)															
	5	10	15	20	25	30	40	50	60	80	100	125	150	200		
20	▲●#	▲●#	▲●#	▲●#	▲●#	●#	●#	●#								
25	▲●#	▲●#	▲●#	▲●#	▲●#	●#	●#	●#								
32	▲●#	▲●#	▲●#	▲●#	▲●#	●#	●#	●#	●#	●#	●	●	●			
40	▲●#	▲●#	▲●#	▲●#	▲●#	●#	●#	●#	●#	●#	●	●	●			
50	▲●#	▲●#	▲●#	▲●#	▲●#	●#	●#	●#	●#	●#	●	●	●	●		
63	▲●#	▲●#	▲●#	▲●#	▲●#	●#	●#	●#	●#	●#	●	●	●	●	●	
80	▲●#	▲●#	▲●#	▲●#	▲●#	●#	●#	●#	●#	●#	●	●	●	●	●	
100	▲●#	▲●#	▲●#	▲●#	▲●#	●#	●#	●#	●#	●#	●	●	●	●	●	

SERIE P COMPACT CYLINDERS ISO 15552



Reference Standard

1907/2006 REACH	2011/65/CE RoHS	97/23/CE (PED)	SILICON FREE	ATEX 94/9/CE
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Pressures

1 bar (0.1 MPa)
10 bar (1 MPa)



Temperatures

0 °C (-20 °C with dry air)
+ 80 °C

Serie	Version	Ø mm	Stroke	Mounting Type	Special version
P F		1 2 5	0 0 2 5	T	I S
▲ PF Double Acting Magnetic	= Standard female rod	125	0005 0200	T = Anodized aluminium tube round profile with tie rods	IS Stainless steel rod
▲ PJ Double Acting Magnetic With Double Rod End	M = Male rod (NO QFA)	160	0010 0250		
		200	0015 0300		
		250	0020 0320		
			0025 0350		
			0030 0400		
			0040 0450		
			0050 0500		
			0060 0600		
			0080 0700		
			0100 0800		
			0125 0900		
			0150 1000		
Intermediate or higher strokes are available upon request.					

Ø (mm)	Strokes (mm)																			
	5	10	15	20	25	30	40	50	60	80	100	125	150	200	250	300	320	350	400	450
125	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
160	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
200	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
250	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲

ACCESSORIES FOR CYLINDERS ISO 6431 - ISO 15552 - ISO 21287 INCLUDING SCREWS
VRL
PISTON ROD LOCK


Aluminium

Code	Ø
VRL 032	32
VRL 040	40
VRL 050	50
VRL 063	63
VRL 080	80
VRL 100	100
VRL 125	125

VFT
JOINING FLANGE


Aluminium

Code	Ø
VFT 032	32
VFT 040	40
VFT 050	50
VFT 063	63
VFT 080	80
VFT 100	100
VFT 125	125

QFL
FLANGE


Steel

Code	Ø
QFL 012	12-16
QFL 020	20
QFL 025	25

VFL
FLANGE

Steel ●
Inox ■

Code ●	Code ■	Ø
VFL 032	VFLI 032	32
VFL 040	VFLI 040	40
VFL 050	VFLI 050	50
VFL 063	VFLI 063	63
VFL 080	VFLI 080	80
VFL 100	VFLI 100	100
VFL 125	-	125
VFL 160	-	160
VFL 200	-	200
VFL 250	-	250
VFL 320	-	320

QCP
LOW-RISE PEDESTAL


Steel

Code	Ø
QCP 012	12 - 16
QCP 020	20
QCP 025	25

VPC
LOW-RISE PEDESTAL

Steel ●
Inox ■

Code ●	Code ■	Ø
VCP 032	VCPi 032	32
VCP 040	VCPi 040	40
VCP 050	VCPi 050	50
VCP 063	VCPi 063	63
VCP 080	VCPi 080	80
VCP 100	VCPi 100	100
VCP 125	VCPi 125	125
VCP 160	-	160
VCP 200	-	200
VCP 250	-	250

VCB
LARGE LOW-RISE PEDESTAL


Steel

Code	Ø
VCB 032 NE	32
VCB 040 NE	40
VCB 050 NE	50
VCB 063 NE	63
VCB 080 NE	80
VCB 100 NE	100

VCF
FEMALE HINGE WITH SELF-LUBRICATING BUSHES

Aluminium ●
Inox ■

Code ●	Code ■	Ø
VCF 032	VCFi 032	32
VCF 040	VCFi 040	40
VCF 050	VCFi 050	50
VCF 063	VCFi 063	63
VCF 080	VCFi 080	80
VCF 100	VCFi 100	100
VCF 125	VCFi 125	125
VCF 160	VCFi 160	160
VCF 200	VCFi 200	200

QCM
MALE HINGE WITH SELF-LUBRICATING BUSHES


Aluminium

Code	Ø
QCM 012	12 - 16
QCM 020	20
QCM 025	25

VCM
MALE CLEVIS BRACKET

Aluminium ●
Inox ■
Iron ◆

Code ●	Code ■	Code ◆	Ø
VCM 032	VCMi 032	VCMZ 032 NE	32
VCM 040	VCMi 040	VCMZ 040 NE	40
VCM 050	VCMi 050	VCMZ 050 NE	50
VCM 063	VCMi 063	VCMZ 063 NE	63
VCM 080	VCMi 080	VCMZ 080 NE	80
VCM 100	VCMi 100	VCMZ 100 NE	100
VCM 125	VCMi 125	VCMZ 125 NE	125
VCM 160	VCMi 160	VCMZ 160 NE	160
VCM 200	VCMi 200	VCMZ 200 NE	200
VCM 250	-	VCMZ 250 NE	250

VCH
FEMALE CLEVIS BRACKET

Aluminium ●
Iron ◆

Code ●	Code ◆	Ø
VCH 032	VCHZ 032 NE	32
VCH 040	VCHZ 040 NE	40
VCH 050	VCHZ 050 NE	50
VCH 063	VCHZ 063 NE	63
VCH 080	VCHZ 080 NE	80
VCH 100	VCHZ 100 NE	100
VCH 125	VCHZ 125 NE	125
VCH 160	VCHZ 160 NE	160
VCH 200	VCHZ 200 NE	200
VCH 250	VCHZ 250 NE	250

VCD
NARROW FEMALE HINGE FOR SQUARE JOINT WITH ARTICULATED HEAD DIN648K

Aluminium ●
Iron ◆

Code ●	Code ◆	Ø
VCD 032	VCDZ 032 NE	32
VCD 040	VCDZ 040 NE	40
VCD 050	VCDZ 050 NE	50
VCD 063	VCDZ 063 NE	63
VCD 080	VCDZ 080 NE	80
VCD 100	VCDZ 100 NE	100
VCD 125	VCDZ 125 NE	125
VCD 160	-	160
VCD 200	-	200

VPS

PIN ANTI-ROTATION FOR NARROW FEMALE HINGE VCD



Steel ●
Inox ■

Code ●	Code ■	Ø
VPS 032	VPSI 032	32
VPS 040	VPSI 040	40
VPS 050	VPSI 050	50
VPS 063	VPSI 063	63
VPS 080	VPSI 080	80
VPS 100	VPSI 100	100
VPS 125	VPSI 125	125
VPS 160	-	160 - 200

VCS

NARROW MALE HINGE WITH ARTICULATED HEAD DIN648K



Aluminium ●
Inox ■
Iron ◆

Code ●	Code ■	Code ◆	Ø
VCS 032	VCSI 032	VCSZ 032 NE	32
VCS 040	VCSI 040	VCSZ 040 NE	40
VCS 050	VCSI 050	VCSZ 050 NE	50
VCS 063	VCSI 063	VCSZ 063 NE	63
VCS 080	VCSI 080	VCSZ 080 NE	80
VCS 100	VCSI 100	VCSZ 100 NE	100
VCS 125	VCSI 125	VCSZ 125 NE	125
VCS 160	-	-	160
VCS 200	-	-	200

VADZ

SQUADRE JOINT WITH ARTICULATED HEAD DIN648K



Steel

Code	Ø
VADZ 032 NE	32
VADZ 040 NE	40
VADZ 050 NE	50
VADZ 063 NE	63
VADZ 080 NE	80
VADZ 100 NE	100
VADZ 125 NE	125

XCN

INTERMEDIATE HINGE



Steel

Code	Ø
XCN 032	32
XCN 040	40
XCN 050	50
XCN 063	63
XCN 080	80
XCN 100	100
XCN 125	125

VCNT

INTERMEDIATE HINGE



Steel

Code	Ø
VCNT 032	32
VCNT 040	40
VCNT 050	50
VCNT 063	63
VCNT 080	80
VCNT 100	100
VCNT 125	125
VCNT 160	160
VCNT 200	200
VCNT 250	250

VCNL

INTERMEDIATE HINGE FOR SMOOTH TIE-RODS



Steel

Code	Ø
VCNL 032	32
VCNL 040	40
VCNL 050	50
VCNL 063	63
VCNL 080	80
VCNL 100	100
VCNL 125	125
VCNL 160	160
VCNL 200	200

VSI

SUPPORT FOR INTERMEDIATE HINGE



Steel

Code	Ø
VSI 032	32
VSI 040	40 - 50
VSI 063	63 - 80
VSI 100	100 - 125
VSI 160	160 - 200
VSI 250	250

VAS

SQUARE JOINT



Steel ●
Inox ■

Code ●	Code ■	Ø
VAS 032	VASI 032	32
VAS 040	VASI 040	40
VAS 050	VASI 050	50
VAS 063	VASI 063	63
VAS 080	VASI 080	80
VAS 100	VASI 100	100
VAS 125	VASI 125	125
VAS 160	-	160
VAS 200	-	200

VPE

PIN WITH SEEGER



Steel ●
Inox ■

Code ●	Code ■	Ø
VPE 032	VPEI 032	32
VPE 040	VPEI 040	40
VPE 050	VPEI 050	50
VPE 063	VPEI 063	63
VPE 080	VPEI 080	80
VPE 100	VPEI 100	100
VPE 125	VPEI 125	125
VPE 160	VPEI 160	160 - 200
VPE 250	-	250
VPE 320	-	320

FC

YOKE WITH LOCABLE PIN



Steel ●
Inox ■

Code ●	Code ■	Ø
FC 020	FCI 020	M8x1.25
FC 025	FCI 025	M10x1.25
FC 040	FCI 040	M12x1.25
FC 050	FCI 050	M16x1.5
FC 080	FCI 080	M20x1.5
FC 125	FCI 125	M27x2
FC 160	FCI 160	M36x2
FC 250	-	M42x2
FC 320	-	M48x2

TF

ROD ENDS SELF-LUBRICATING



Steel

Code	Ø
TF 020	M8x1.25
TF 025	M10x1.25
TF 040	M12x1.25
TF 050	M16x1.5
TF 080	M20x1.5
TF 125	M27x2
TF 160	M36x2
TF 250	M42x2
TF 320	M48x2

TS

SNODABLE YOKE



Steel

Code	Ø
TS 020	M8x1.25
TS 025	M10x1.25
TS 040	M12x1.25
TS 050	M16x1.5
TS 080	M20x1.5

TM

MALE ROD ENDS



Steel

Code	Ø
TM 020	M5x0.8
TM 032	M6x1
TM 050	M8x1.25
TM 080	M10x1.5
TM 100	M12x1.75

DA

NUT FOR RODS



Steel

Code	Ø
ODA00 00 51 C3 ZI	M8x1.25
ODA00 00 51 C9 ZI	M10x1.25
ODA00 00 51 D5 ZI	M12x1.25
ODA00 00 51 E3 ZI	M16x1.5
ODA00 00 51 F2 ZI	M20x1.5
ODA00 00 51 G8 ZI	M27x2
EDA00 00 51 I6 ZI	M36x2
EDA00 00 51 L0 ZI	M42x2
EDA00 00 51 DG ZI	M48x2

GUIDE UNITS



Reference Standard

1907/2006
REACH

2011/65/CE
RoHS

97/23/CE
(PED)

SILICON
FREE

ISO 6431 VDMA (from 32 to 100)

ISO 6432 (from 20 to 25)

ISO 15552 (from 32 to 100)

Serie	Ø mm	Stroke
M L C U B	0 1 2	0 0 5 0
◆ MLCUB Guide unit “u” with self lubricating sintered bronze	012	0050
○ MLCHB Guide unit “h” with self lubricating sintered bronze	020	0100
○ MLCHC Guide unit “h” with recirculating ball sleeves	025	0160
● VLCUB Guide unit “u” with self lubricating sintered bronze	032	0200
● VLCHB Guide unit “h” with self lubricating sintered bronz	040	0250
● VLCHC Guide unit “h” with recirculating ball sleeves	050	0320
	063	0400
	080	0500
	100	Intermediate or higher strokes are available upon request.

Ø (mm)	Strokes (mm)							
	50	100	160	200	250	320	400	500
12 - 16	◆○	◆○	◆○	◆○	○			
20	◆○	◆○	◆○	◆○	○			
25	◆○	◆○	◆○	◆○	○			
32	●	●	●	●	●	●	●	●
40	●	●	●	●	●	●	●	●
50	●	●	●	●	●	●	●	●
63	●	●	●	●	●	●	●	●
80	●	●	●	●	●	●	●	●
100	●	●	●	●	●	●	●	●

New

SERIE CG01 - DOUBLE-ACTING MAGNETIC TWIN-GUIDE CYLINDER



Reference Standard

1907/2006
REACH ✓

2011/65/CE
RoHS ✓

97/23/CE
(PED)



Pressures

1 bar (0.1 MPa)
10 bar (1 MPa)



Temperatures

- 5 °C (No freezing)
+ 60 °C

Serie

Ø mm

Stroke

C G 0 1

0 1 2

0 0 1 0

012 040
016 050
020 063
025
032

0005 0040 0175
0010 0050 0200
0015 0075 0250
0020 0100 0300
0025 0125 0350
0030 0150 0400

Ø (mm)	Strokes (mm)																	
	5	10	15	20	25	30	40	50	75	100	125	150	175	200	250	300	350	400
12		▲		▲		▲	▲	▲	▲	▲	▲	▲	▲	▲	▲			
16		▲		▲		▲	▲	▲	▲	▲	▲	▲	▲	▲	▲			
20				▲		▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
25				▲		▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
32					▲			▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
40					▲			▲	▲	▲								
50					▲			▲	▲	▲								
63					▲			▲	▲	▲								

New

SERIE CG02 - DOUBLE ACTING MAGNETIC DUAL-ROD CYLINDER



Reference Standard

1907/2006
REACH ✓

2011/65/CE
RoHS ✓

97/23/CE
(PED)



Pressures

Ø		6	12	16	20	25	32
bar	min	1,5	1		0,5		
	max	7					



Temperatures

- 5 °C (No freezing)
+ 60 °C

Serie

Ø mm

Stroke

C G 0 2

0 0 6

0 0 1 0

006
012
016
020
025
032

0010 0060
0020 0070
0030 0080
0040 0090
0050 0100

Ø (mm)	Strokes (mm)									
	10	20	30	40	50	60	70	80	90	100
6	▲	▲	▲							
12	▲	▲	▲	▲	▲	▲	▲			
16	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
20	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
25	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
32	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲

New

SERIE CG04 - DOUBLE ACTING MAGNETIC SLIDE CYLINDER



Reference Standard

1907/2006
REACH ✓

2011/65/CE
RoHS ✓

97/23/CE
(PED)



Pressures

1,5 bar (0.15 MPa)
7 bar (0.7 MPa)



Temperatures

- 5 °C (No freezing)
+ 60 °C

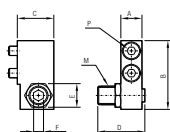
Serie	Ø mm	Stroke
C G 0 4	0 0 6	0 0 1 0
	006	0010 0075
	008	0020 0100
	012	0030 0125
	016	0040 0150
	020	
	025	

Ø (mm)	Strokes (mm)								
	10	20	30	40	50	75	100	125	150
6	▲	▲	▲	▲	▲				
8	▲	▲	▲	▲	▲	▲			
12	▲	▲	▲	▲	▲	▲	▲		
16	▲	▲	▲	▲	▲	▲	▲	▲	
20	▲	▲	▲	▲	▲	▲	▲	▲	▲
25	▲	▲	▲	▲	▲	▲	▲	▲	▲

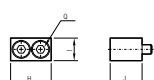
ACCESSORIES

Stroke adjuster at extension end

Mounted to body

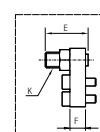
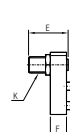
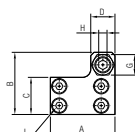


Mounted to table



Code	Ø
CG04 006 SX05	6
CG04 008 SX05	8
CG04 012 SX05	12
CG04 016 SX05	16
CG04 020 SX05	20
CG04 025 SX05	25

Stroke adjuster at retraction end



Code	Ø
CG04 006 DX05	6
CG04 008 DX05	8
CG04 012 DX05	12
CG04 016 DX05	16
CG04 020 DX05	20
CG04 025 DX05	25

New

SERIE R - RODLESS CYLINDER



Pressures

0.5 bar (0.05 MPa)
8 bar (0.8 MPa)



Temperatures

- 10 °C
+ 80 °C



Reference Standard

1907/2006
REACH ✓

2011/65/CE
RoHS ✓

97/23/CE
(PED)

SILICON
FREE

RH SERIE - Rodless cylinder standard version



Serie	Ø mm	Stroke
R H	0 1 6	0 1 0 0
RH Rodless Cylinder Cushioned Magnetic	016	Ø (mm) Stroke (mm) 16 100 to 4400
	025	
	032	25 - 63 100 to 5700
	040	
	050	
	063	

RHV SERIE - Rodless cylinder with "V" edge slide system



Serie	Ø mm	Stroke
R H V	0 2 5	0 1 0 0
RHV Rodless Cylinder Cushioned Magnetic	025 032 040 050	From 100 to 5700 mm

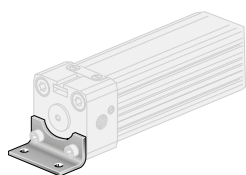
RHL SERIE - Rodless cylinder with linear guiding system



Serie	Ø mm	Stroke
R H L	0 3 2	0 1 0 0
RHL Rodless Cylinder Cushioned Magnetic	032 040 050 063	From 100 to 5700 mm

ACCESSORIES

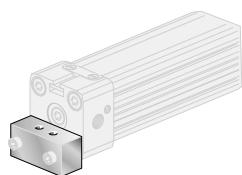
RCP FOOT



Code
RCP 016
RCP 025

Ø
16
25

RCP FOOT

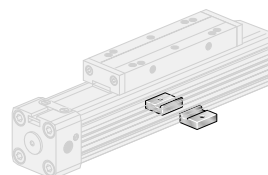


Code
RCP 032
RCP 040
RCP 050
RCP 063

Ø
32
40
50
63

RCN

SECTION SUPPORT

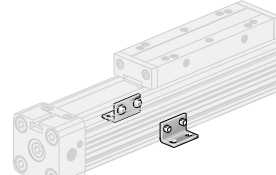


Code
RCN 016
RCN 025

Ø
16
25

RCN

SECTION SUPPORT

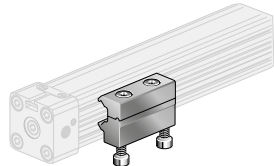


Code
RCN 032
RCN 040
RCN 050
RCN 063

Ø
32
40
50
63

RCNG

MOBILE MID SECTION SUPPORT

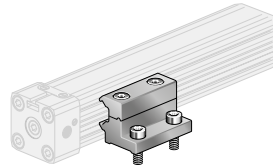


Code
RCNG 016
RCNG 025
RCNG 032

Ø
16
25
32

RCNN

MOBILE MID SECTION SUPPORT

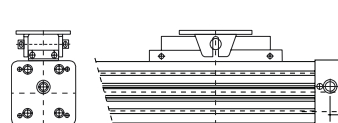


Code
RCNN 016
RCNN 025
RCNN 032

Ø
16
25
32

RCOL

ARTICULATED CARRIER

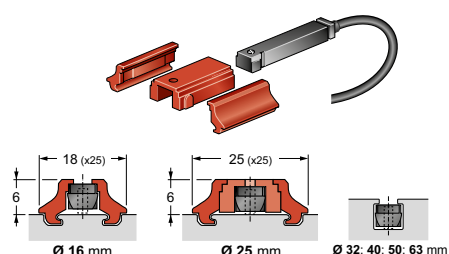


Code
RCOL 016
RCOL 025
RCOL 032
RCOL 040
RCOL 050
RCOL 063

Ø
16
25
32
40
50
63

New

SERIE DSH - MAGNETIC SWITCHES FOR RODLESS CYLINDERS



DSH

MAGNETIC SWITCHES - REED - 2 WIRE

Code
DSH0 R 2F 25
DSH3 R 2F M8

Characteristics
PVC - 2,5 MT
PVC - M8 CONNECTOR

DSH

MAGNETIC SWITCHES - PNP HALL - 3 WIRE

Code
DSH0 H 3F 20
DSH0 H 3F M8

Characteristics
PVC - 2 MT
PVC - M8 CONNECTOR

SERIE XR - ROTARY CYLINDERS ISO 15552



Pressures

1 bar (0.1 MPa)
10 bar (1 MPa)



Temperatures

0 °C (-20 °C with dry air)
+ 80 °C



Reference Standard

1907/2006
REACH ✓

2011/65/CE
RoHS ✓

97/23/CE
(PED)

SILICON
FREE

ATEX
94/9/CE



Serie	Ø mm	Rotation
X R M	0 3 2	0 9 0
XRM Male rotary cylinder with angle regulation +/- 5°	032 040 050 063 080 100	90° 180° 270° 360°
XRF Female rotary cylinder with angle regulation +/- 5°		



SERIE RT01 - ROTARY ACTUATORS



Pressures

1 bar (0.1 MPa)
8 bar (0.8 MPa)



Temperatures

0 °C (Not frozen)
+ 60 °C



Reference Standard

1907/2006
REACH ✓

2011/65/CE
RoHS ✓

97/23/CE
(PED)

SILICON
FREE



Serie	Ø mm
R T 0 1	0 1 0
	010 020 030 050 070 100



SERIE RT03S - COMPACT ROTARY ACTUATOR



Pressures

Ø	10	14	18	20
bar min	1,5		1	
bar max	7		10	



Temperatures

- 10 °C
+ 60 °C



Reference Standard

1907/2006
REACH ✓

2011/65/CE
RoHS ✓

97/23/CE
(PED)

SILICON
FREE



Serie	Ø mm	Stroke
R T 0 3 S	0 1 0	0 9 0
	010 015 020 030	090° 180°

New

SERIE GR01F - PNEUMATIC GRIPPER



Pressures

Ø	10	16	20	25
bar min	2		2,5	
bar max	7		7	



Temperatures

-10 °C
+ 60 °C


Reference Standard

1907/2006
REACH ✓

2011/65/CE
RoHS ✓

97/23/CE
(PED)

SILICON
FREE


Serie

Ø mm

G R 0 1 F

Double Acting Magnetic

0 1 0

010
016
020
025

New

SERIE GR02F - WIDE TYPE AIR GRIPPER



Pressures

Ø	10	16	20	25	32
bar min	1,5			1	
bar max	6			6	



Temperatures

-10 °C
+ 60 °C


Reference Standard

1907/2006
REACH ✓

2011/65/CE
RoHS ✓

97/23/CE
(PED)

SILICON
FREE


Serie

Ø mm

G R 0 2 F

Double Acting Magnetic

0 1 0

010
016
020
025
032

New

SERIE GR03F - PNEUMATIC ANGULAR GRIPPER



Pressures

1 bar (0.1 MPa)
6 bar (0.6 MPa)


Temperatures

-10 °C
+ 60 °C


Reference Standard

1907/2006
REACH ✓

2011/65/CE
RoHS ✓

97/23/CE
(PED)

SILICON
FREE


Serie

Ø mm

G R 0 3 F

Double Acting Magnetic

0 1 0

010
016
020
025

New

SERIE GR04F - PNEUMATIC ANGULAR GRIPPER



Pressures

1 bar (0.1 MPa)
6 bar (0.6 MPa)



Temperatures

-10 °C
+ 60 °C



Reference Standard

1907/2006
REACH ✓

2011/65/CE
RoHS ✓

97/23/CE
(PED)

SILICON
FREE



Serie

Ø mm

G R 0 4 F

Double Acting Magnetic

0 1 0

010
016
020
025

New

SERIE GR05F - PNEUMATIC 3 FINGERS GRIPPER



Pressures

ø 25
2 bar (0.2 MPa)
6 bar (0.6 MPa)
ø 32 ÷ 80
1 bar (0.1 MPa)
6 bar (0.6 MPa)



Temperatures

-10 °C
+ 60 °C



Reference Standard

1907/2006
REACH ✓

2011/65/CE
RoHS ✓

97/23/CE
(PED)

SILICON
FREE



Serie

Ø mm

G R 0 5 F

Double Acting Magnetic

0 1 0

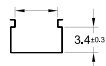
025
032
040
050
063
080

MAGNETIC SWITCHES

DT01

MAGNETIC SWITCHES - REED - 2 WIRE

New



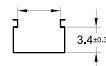
Code
DT01 R 2M
DT01 R M8

Characteristics
PU - 2MT
PU - M8 CONNECTOR

DT02

MAGNETIC SWITCHES - PNP HALL - 3 WIRE

New



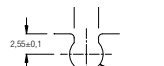
Code
DT02 P 2M
DT02 P M8

Characteristics
PU - 2MT
PU - M8 CONNECTOR

DC01

MAGNETIC SWITCHES - REED - 2 WIRE

New



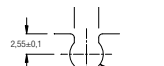
Code
DC01 R 2M
DC01 R M8

Characteristics
PUR - 2MT
PUR - M8 CONNECTOR

DC02

MAGNETIC SWITCHES - PNP HALL - 3 WIRE

New



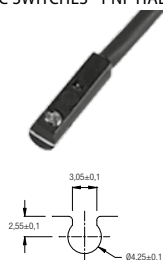
Code
DC02 P 2M
DC02 P M8

Characteristics
PU - 2MT
PU - M8 CONNECTOR

DC03

MAGNETIC SWITCHES - PNP HALL - 3 WIRE

New



Code
DC03 P 2M
DC03 P M8

Characteristics
PVC - 2MT
PVC - M8 CONNECTOR

DC04

MAGNETIC SWITCHES - PNP HALL - 3 WIRE

New



Code
DC04 P 2M
DC04 P M8

Characteristics
PVC - 2MT
PVC - M8 CONNECTOR

DTEX

MAGNETIC SWITCHES - PNP HALL - 3 WIRE

New

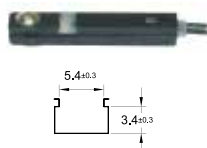


Code
DTEX03 P 2M

Characteristics
PU - 2MT

DSL1

MAGNETIC SWITCHES - REED - 2 WIRE

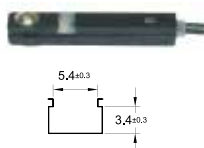


Code
DSL1 C 225
DSL1 M8

Characteristics
PVC - 2,5 MT
PVC - M8 CONNECTOR

DSL4

MAGNETIC SWITCHES - PNP HALL - 3 WIRE



Code
DSL4 N 225
DSL4 M8

Characteristics
PVC - 2,5 MT
PVC - M8 CONNECTOR

Bracket for DSL

FOR MINICYLINDERS ISO 6432
AND CYLINDERS A95 SERIE

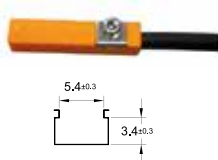


Code

MFX 008	Ø
MFX 010	8
MFX 012	10
MFX 016	12
MFX 020	16
MFX 025	20
AFX 032	25
AFX 040	32
AFX 050	40
AFX 063	50
	63

DSH2

MAGNETIC SWITCHES - REED - 2 WIRE

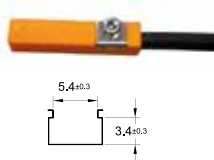


Code
DSH2 R 2F 20
DSH2 R 2F M8

Characteristics
PVC - 2 MT
PVC - M8 CONNECTOR

DSH4

MAGNETIC SWITCHES - PNP HALL - 3 WIRE



Code
DSH4 H 3F 20
DSH4 H 3F M8

Characteristics
PUR - 2 MT
PUR - M8 CONNECTOR

Bracket for DSH

FOR MINICYLINDERS ISO 6432



Code

MFH 012	Ø
MFH 016	12
MFH 020	16
MFH 025	20
	25

DSN0

MAGNETIC SWITCHES - REED - 2 WIRE



Code
DSN0 R 2F 20

Characteristics
PVC - 2 MT

DSN1

MAGNETIC SWITCHES - PNP HALL - 3 WIRE



Code
DSN1 H 3F 20

Characteristics
PVC - 3 MT

Bracket for DSN

FOR CYLINDERS WITH TIE RODS



Code

DSN2 XF 032T	Ø
DSN2 XF 125T	32-100
DSN2 XF 200T	125-160
	200-250

PX

THREE WIRES EXTENSION



Code

PX 2000 PUR	Length
PX 5000 PUR	2 MT
	5 MT

DC

SENSOR DC ADAPTER



Code

DC 00 001	Code
	DC 10 001

Serie FRL

AIR TREATMENT UNIT



Application

- Pneumatic Automation
- Compressed Air Circuit
- Compressors
- Compressed Air Pipeline



Pressures

15 bar (1.5 MPa)



Temperatures

- 10 °C
+ 50 °C



Reference Standard

1907/2006
REACH ✓

2011/65/CE
RoHS ✓

97/23/CE
(PED)

SERIE FRL MINI

T010 MINI FILTER



Code
T010 002 201 000
T010 003 201 000

Size
FIL 0
FIL 0

Thread
1/8
1/4

Filtration
20 µm
20 µm

Flow Rate
800 NI/min
800 NI/min

Code

Thread

Filtration
grade

Condensate
exhaust

T 0 1 0

0 0 3

2

0 1

0 0 0

02 = G 1/8
03 = G 1/4

1 = 5 µm
2 = 20 µm
3 = 50 µm

1 = Semiautomatic
Manual

T015 MINI COALESCER FILTER



Code
T015 002 401 000
T015 003 401 000

Size
FC 0
FC 0

Thread
1/8
1/4

Filtration
0.01 µm
0.01 µm

Flow Rate
450 NI/min
450 NI/min

Code

Thread

Filtration
grade

Condensate
exhaust

T 0 1 5

0 0 3

4

0 1

0 0 0

02 = G 1/8
03 = G 1/4

4 = 0,01 µm

1 = Semiautomatic
Manual

T020 MINI REGULATOR



Code
T020 002 030 000
T020 003 030 000

Size
REG 0
REG 0

Thread
1/8
1/4

Regulation
0 ÷ 8 bar
0 ÷ 8 bar

Flow Rate
600 NI/min
600 NI/min

Code

Thread

Regulation
range

T 0 2 0

0 0 3

0 3 0

0 0 0

02 = G 1/8
03 = G 1/4

1 = 0÷2 bar
2 = 0÷4 bar
3 = 0÷8 bar
4 = 0÷12 bar

T070 MINI
QUICK EXHAUST REGULATOR


Code	Size	Thread	Regulation	Flow Rate
T070 002 030 000	REG.S.RAP. 0	1/8	0 ÷ 8 bar	600 NI/min
T070 003 030 000	REG.S.RAP. 0	1/4	0 ÷ 8 bar	600 NI/min

Code	Thread	Regulation range	
T 0 7 0	0 0 3	0 3 0	0 0 0
	02 = G 1/8 03 = G 1/4	1 = 0÷2 bar 2 = 0÷4 bar 3 = 0÷8 bar 4 = 0÷12 bar	

T080 MINI
WATER REGULATOR


Code	Size	Thread	Regulation
T080 002 030 000	WATER REG. 0	1/8	0 ÷ 8 bar
T080 003 030 000	WATER REG. 0	1/4	0 ÷ 8 bar



Code	Thread	Regulation range	
T 0 8 0	0 0 3	0 3 0	0 0 0
	02 = G 1/8 03 = G 1/4	1 = 0÷2 bar 2 = 0÷4 bar 3 = 0÷8 bar 4 = 0÷12 bar	

T030 MINI
FILTER REGULATOR


Code	Size	Thread	Filtration	Regulation	Flow Rate
T030 002 231 000	FR 0	1/8	20µm	0 ÷ 8 bar	600 NI/min
T030 003 231 000	FR 0	1/4	20µm	0 ÷ 8 bar	600 NI/min

Code	Thread	Filtration grade	Regulation range	Condensate exhaust System	
T 0 3 0	0 0 3	2	3	1	0 0 0
	02 = G 1/8 03 = G 1/4	1 = 5 µm 2 = 20 µm 3 = 50 µm	1 = 0÷2 bar 2 = 0÷4 bar 3 = 0÷8 bar 4 = 0÷12 bar	1 = Semiautomatic Manual	

T040 MINI
LUBRICATOR


Code	Size	Thread	Flow Rate
T040 002 000 100	LUB 0	1/8	700 NI/min
T040 003 000 100	LUB 0	1/4	700 NI/min

Code	Thread	Oil loading System
T 0 4 0	0 0 2	1 0 0
	02 = G 1/8 03 = G 1/4	1 = Manual

T100 MINI FR + L


Code	Size	Thread	Filtration	Regulation	Flow Rate
T100 002 231 100	FR+L 0	1/8	20µm	0-8 bar	260 NI/min
T100 003 231 100	FR+L 0	1/4	20µm	0-8 bar	260 NI/min

Code	Thread	Filtration grade	Regulation range	Condensate exhaust System	Oil loading System
T 1 0 0	0 0 3	2	3	1	1 0 0
	02 = G 1/8 03 = G 1/4	1 = 5 µm 2 = 20 µm 3 = 50 µm	1 = 0÷2 bar 2 = 0÷4 bar 3 = 0÷8 bar 4 = 0÷12 bar	1 = Semiautomatic Manual	1 = Manual

T200 MINI F + R + L


Code	Size	Thread	Filtration	Regulation	Flow Rate
T200 002 231 100	F+R+L 0	1/8	20 µm	0-8 bar	280 NI/min
T200 003 231 100	F+R+L 0	1/4	20 µm	0-8 bar	280 NI/min

Code	Thread	Filtration grade	Regulation range	Condensate exhaust System	Oil loading System
T 2 0 0	0 0 3	2	3	1	1 0 0
	02 = G 1/8 03 = G 1/4	1 = 5 µm 2 = 20 µm 3 = 50 µm	1 = 0÷2 bar 2 = 0÷4 bar 3 = 0÷8 bar 4 = 0÷12 bar	1 = Semiautomatic Manual	1 = Manual

T400 MINI F + FC


Code	Size	Thread	Filtration	Flow Rate
T400 002 401 000	FIL+FC 0	1/8	5µm + 0.01µm	370 NI/min
T400 003 401 000	FIL+FC 0	1/4	5µm + 0.01µm	370 NI/min

Code	Thread	Filtration grade	Condensate exhaust System
T 4 0 0	0 0 3	4	0 1
	02 = G 1/8 03 = G 1/4	4 = 0.01 µm	1 = Semiautomatic Manual

T450 MINI FR + FC


Code	Size	Thread	Filtration	Regulation	Flow Rate
T450 002 431 000	FR+FC 0	1/8	0 ÷ 8 bar	5µm + 0.01µm	370 NI/min
T450 003 431 000	FR+FC 0	1/4	0 ÷ 8 bar	5µm + 0.01µm	370 NI/min

Code	Thread	Filtration grade	Regulation range	Condensate exhaust System
T 4 5 0	0 0 3	4	3	1
	02 = G 1/8 03 = G 1/4	4 = 0.01 µm	3 = 0÷8 bar	1 = Semiautomatic Manual

SERIE FRL STANDARD
T010
FILTER


Code	Size	Thread	Filtration	Flow Rate	Exhaust
T010 103 201 000	FIL 1	1/4	20 µm	1900 NI/min	S/M
T010 104 201 000	FIL 1	3/8	20 µm	1900 NI/min	S/M
T010 204 201 000	FIL 2	3/8	20 µm	3750 NI/min	S/M
T010 205 201 000	FIL 2	1/2	20 µm	3750 NI/min	S/M
T010 205 202 000	FIL 2	1/2	20 µm	3750 NI/min	A
T010 307 201 000	FIL 3	3/4	20 µm	6250 NI/min	S/M
T010 309 201 000	FIL 3	1"	20 µm	6250 NI/min	S/M
T010 309 202 000	FIL 3	1"	20 µm	6250 NI/min	A

Code	Size	Thread	Filtration grade	Condensate exhaust System
T 0 1 0	1	0 2	2	0 1
			0 0 0	
			1 = 5 µm 2 = 20 µm 3 = 50 µm	1 = Semiautomatic Manual 2 = Automatic (only for FIL2 - FIL3)
			FRL 1 → 02 = G 1/8 03 = G 1/4 04 = G 3/8 FRL 2 → 03 = G 1/4 04 = G 3/8 05 = G 1/2 FRL 3 → 05 = G 1/2 07 = G 3/4 09 = G 1"	
			00 = Without end Units	

T015
COALESCER FILTER


Code	Size	Thread	Filtration	Flow Rate	Exhaust
T015 103 401 000	FC 1	1/4	0.01 µm	700 NI/min	S/M
T015 104 401 000	FC 1	3/8	0.01 µm	700 NI/min	S/M
T015 204 401 000	FC 2	3/8	0.01 µm	725 NI/min	S/M
T015 205 401 000	FC 2	1/2	0.01 µm	725 NI/min	S/M
T015 307 401 000	FC 3	3/4	0.01 µm	920 NI/min	S/M
T015 309 401 000	FC 3	1"	0.01 µm	920 NI/min	S/M

Code	Size	Thread	Filtration grade	Condensate exhaust System
T 0 1 5	1	0 3	4	0 1
			0 0 0	
			4 = 0.01 µm	1 = Semiautomatic Manual
			FRL 1 → 03 = G 1/4 04 = G 3/8 FRL 2 → 04 = G 3/8 05 = G 1/2 FRL 3 → 07 = G 3/4 09 = G 1"	

T020
REGULATOR


Code	Size	Thread	Filtration	Flow Rate
T020 103 030 000	REG 1	1/4	0 ÷ 8 bar	2050 NI/min
T020 104 030 000	REG 1	3/8	0 ÷ 8 bar	2050 NI/min
T020 204 030 000	REG 2	3/8	0 ÷ 8 bar	3200 NI/min
T020 205 030 000	REG 2	1/2	0 ÷ 8 bar	3200 NI/min
T020 307 030 000	REG 3	3/4	0 ÷ 8 bar	6200 NI/min
T020 309 030 000	REG 3	1"	0 ÷ 8 bar	6200 NI/min

Code	Size	Thread	Regulation range
T 0 2 0	1	0 2	0 3 0
			0 0 0
			1 = 0÷2 bar 2 = 0÷4 bar 3 = 0÷8 bar 4 = 0÷12 bar
			FRL 1 → 02 = G 1/8 03 = G 1/4 04 = G 3/8 FRL 2 → 03 = G 1/4 04 = G 3/8 05 = G 1/2 FRL 3 → 05 = G 1/2 07 = G 3/4 09 = G 1"
			00 = Without end Units

T030
FILTER REGULATOR


Code	Size	Thread	Filtration	Regulation	Flow Rate	Exhaust
T030 103 231 000	FR 1	1/4	20 µm	0 ÷ 8 bar	1650 NI/min	S/M
T030 104 231 000	FR 1	3/8	20 µm	0 ÷ 8 bar	1650 NI/min	S/M
T030 204 231 000	FR 2	3/8	20 µm	0 ÷ 8 bar	3000 NI/min	S/M
T030 205 231 000	FR 2	1/2	20 µm	0 ÷ 8 bar	3000 NI/min	S/M
T030 205 232 000	FR 2	1/2	20 µm	0 ÷ 8 bar	3000 NI/min	A
T030 307 231 000	FR 3	3/4	20 µm	0 ÷ 8 bar	4500 NI/min	S/M
T030 309 231 000	FR 3	1"	20 µm	0 ÷ 8 bar	4500 NI/min	S/M
T030 309 232 000	FR 3	1"	20 µm	0 ÷ 8 bar	4500 NI/min	A

Code	Size	Thread	Filtration grade	Regulation range	Condensate exhaust System
T 0 3 0	1	0 2	2	3	1
					0 0 0
	FRL 1 →	02 = G 1/8 03 = G 1/4 04 = G 3/8	1 = 5 µm 2 = 20 µm 3 = 50 µm	1 = 0÷2 bar 2 = 0÷4 bar 3 = 0÷8 bar 4 = 0÷12 bar	1 = Semiautomatic Manual 2 = Automatic (only for FIL2 - FIL3)
	FRL 2 →	03 = G 1/4 04 = G 3/8 05 = G 1/2			
	FRL 3 →	05 = G 1/2 07 = G 3/4 09 = G 1"			
		00 = Without end Units			

T040
LUBRICATOR


Code	Size	Thread	Flow Rate	Exhaust
T040 103 000 100	LUB 1	1/4	2600 NI/min	M
T040 104 000 100	LUB 1	3/8	2600 NI/min	M
T040 104 000 200	LUB 1	3/8	2600 NI/min	A
T040 204 000 100	LUB 2	3/8	5600 NI/min	M
T040 205 000 100	LUB 2	1/2	5600 NI/min	M
T040 205 000 200	LUB 2	1/2	5600 NI/min	A
T040 307 000 100	LUB 3	3/4	8200 NI/min	M
T040 309 000 100	LUB 3	1"	8200 NI/min	M
T040 309 000 200	LUB 3	1"	8200 NI/min	A
T040 309 000 300	LUB 3	1"	8200 NI/min	M2L

Code	Size	Thread	Oil loading System
T 0 4 0	1	0 2	0 0 0
			1 0 0
	FRL 1 →	02 = G 1/8 03 = G 1/4 04 = G 3/8	1 = Manual 2 = Automatic vacuum operated 3 = Two steps sensor manual (only for LUB3)
	FRL 2 →	03 = G 1/4 04 = G 3/8 05 = G 1/2	
	FRL 3 →	05 = G 1/2 07 = G 3/4 09 = G 1"	
		00 = Without end Units	

T050
SHUT OFF VALVE
M = Manual

P = Pneumatic

*** EP** = Electropneumatic Standard without solenoid


Code	Size	Thread	Flow Rate	Drive
T050 103 000 010	V3V 1	1/4	1850 NI/min	M
T050 104 000 010	V3V 1	3/8	1850 NI/min	M
T050 104 000 020	V3V 1	3/8	1850 NI/min	EP
T050 104 000 030	V3V 1	3/8	1850 NI/min	P
T050 204 000 010	V3V 2	3/8	3000 NI/min	M
T050 205 000 010	V3V 2	1/2	3000 NI/min	M
T050 205 000 020	V3V 2	1/2	3000 NI/min	EP
T050 205 000 030	V3V 2	1/2	3000 NI/min	P
T050 307 000 010	V3V 3	3/4	5200 NI/min	M
T050 309 000 010	V3V 3	1"	5200 NI/min	M
T050 309 000 020	V3V 3	1"	5200 NI/min	EP
T050 309 000 030	V3V 3	1"	5200 NI/min	P

Code	Size	Thread	Shot off valve driver system
T 0 5 0	1	0 2	0 0 0
			0 1 0
	FRL 1 →	02 = G 1/8 03 = G 1/4 04 = G 3/8	1 = Manual 2 = Electropneumatic 3 = Pneumatic
	FRL 2 →	03 = G 1/4 04 = G 3/8 05 = G 1/2	
	FRL 3 →	05 = G 1/2 07 = G 3/4 09 = G 1"	
		00 = Without end Units	

T060
SOFT START VALVE
WITH QUICK EXHAUST

Size 1



Size 2 - 3



Code	Size	Thread	Drive	Flow Rate
T060 104 000 002	APE 1	3/8	EP	1600 NI/min
T060 204 000 002	APE 2	3/8	EP	2050 NI/min
T060 205 000 002	APE 2	1/2	EP	2050 NI/min
T060 307 000 002	APE 3	3/4	EP	3400 NI/min
T060 309 000 002	APE 3	1"	EP	3400 NI/min

NB: According to the Directive ATEX soft start valves cannot be used in potentially explosive environment.

Code	Size	Thread	Driver System
T 0 6 0	2	0 4	0 0 0
	FRL 1 →	02 = G 1/8 03 = G 1/4 04 = G 3/8	2 = Electropneumatic
	FRL 2 →	03 = G 1/4 04 = G 3/8 05 = G 1/2	
	FRL 3 →	05 = G 1/2 07 = G 3/4 09 = G 1"	
		00 = Without end Units	

T100 FR + L


Code	Size	Thread	Filtration	Regulation	Flow Rate	Exhaust
T100 103 231 100	FR+L1	1/4	20 µm	0 ÷ 8 bar	1100 NI/min	S/M
T100 104 231 100	FR+L1	3/8	20 µm	0 ÷ 8 bar	1100 NI/min	S/M
T100 204 231 100	FR+L2	3/8	20 µm	0 ÷ 8 bar	2500 NI/min	S/M
T100 205 231 100	FR+L2	1/2	20 µm	0 ÷ 8 bar	2500 NI/min	S/M
T100 205 232 100	FR+L2	1/2	20 µm	0 ÷ 8 bar	2500 NI/min	A
T100 307 231 100	FR+L3	3/4	20 µm	0 ÷ 8 bar	4300 NI/min	S/M
T100 309 231 100	FR+L3	1"	20 µm	0 ÷ 8 bar	4300 NI/min	S/M
T100 309 232 100	FR+L3	1"	20 µm	0 ÷ 8 bar	4300 NI/min	A

Code	Size	Thread	Filtration grade	Regulation range	Condensate exhaust System	Oil loading System
T 1 0 0	1	0 2	2	3	1	1 0 0
	FRL 1 →	02 = G 1/8 03 = G 1/4 04 = G 3/8	1 = 5 µm 2 = 20 µm 3 = 50 µm	1 = 0÷2 bar 2 = 0÷4 bar 3 = 0÷8 bar 4 = 0÷12 bar	1 = Semiautomatic Manual 2 = Automatic (only for FRL2-FRL3)	1 = Manual 2 = Automatic vacuum-operated 3 = Two steps sensor manual
	FRL 2 →	03 = G 1/4 04 = G 3/8 05 = G 1/2				
	FRL 3 →	05 = G 1/2 07 = G 3/4 09 = G 1"				

T110 V + FR + L


Code	Size	Thread	Filtration	Regulation	Flow Rate
T110 103 231 110	V+FR+L 1	1/4	20 µm	0 ÷ 8 bar	800 NI/min
T110 104 231 110	V+FR+L 1	3/8	20 µm	0 ÷ 8 bar	800 NI/min
T110 204 231 110	V+FR+L 2	3/8	20 µm	0 ÷ 8 bar	2100 NI/min
T110 205 231 110	V+FR+L 2	1/2	20 µm	0 ÷ 8 bar	2100 NI/min
T110 307 231 110	V+FR+L 3	3/4	20 µm	0 ÷ 8 bar	3500 NI/min
T110 309 231 110	V+FR+L 3	1"	20 µm	0 ÷ 8 bar	3500 NI/min

Code	Size	Thread	Filtration grade	Regulation range	Condensate exhaust System	Oil loading System	Shut-off valve Driver System
T 1 1 0	1	0 2	2	3	1	1 1 0	
	FRL 1 →	02 = G 1/8 03 = G 1/4 04 = G 3/8	1 = 5 µm 2 = 20 µm 3 = 50 µm	1 = 0÷2 bar 2 = 0÷4 bar 3 = 0÷8 bar 4 = 0÷12 bar	1 = Semiautomatic Manual 2 = Automatic (only for FRL2-FRL3)	1 = Manual 2 = Automatic vacuum operated 3 = Two steps sensor manual	1 = Manual
	FRL 2 →	03 = G 1/4 04 = G 3/8 05 = G 1/2					
	FRL 3 →	05 = G 1/2 07 = G 3/4 09 = G 1"					

T200 F + R + L


Code	Size	Thread	Filtration	Regulation	Flow Rate
T200 103 231 100	F+R+L 1	1/4	20 µm	0 ÷ 8 bar	1000 NI/min
T200 104 231 100	F+R+L 1	3/8	20 µm	0 ÷ 8 bar	1000 NI/min
T200 204 231 100	F+R+L 2	3/8	20 µm	0 ÷ 8 bar	2400 NI/min
T200 205 231 100	F+R+L 2	1/2	20 µm	0 ÷ 8 bar	2400 NI/min
T200 307 231 100	F+R+L 3	3/4	20 µm	0 ÷ 8 bar	4250 NI/min
T200 309 231 100	F+R+L 3	1"	20 µm	0 ÷ 8 bar	4250 NI/min

Code	Size	Thread	Filtration grade	Regulation range	Condensate exhaust System	Oil loading System
T 2 0 0	1	0 2	2	3	1	1 0 0
	FRL 1 →	02 = G 1/8 03 = G 1/4 04 = G 3/8 05 = G 1/2 06 = G 3/4 07 = G 1"	1 = 5 µm 2 = 20 µm 3 = 50 µm	1 = 0÷2 bar 2 = 0÷4 bar 3 = 0÷8 bar 4 = 0÷12 bar	1 = Semiautomatic Manual 2 = Automatic (only for FRL2-FRL3)	1 = Manual 2 = Automatic vacuum-operated

T210 V + F + R + L


Code	Size	Thread	Filtration	Regulation	Flow Rate
T210 103 231 110	V+F+R+L 1	1/4	20 µm	0 ÷ 8 bar	1000 NI/min
T210 104 231 110	V+F+R+L 1	3/8	20 µm	0 ÷ 8 bar	1000 NI/min
T210 204 231 110	V+F+R+L 2	3/8	20 µm	0 ÷ 8 bar	2200 NI/min
T210 205 231 110	V+F+R+L 2	1/2	20 µm	0 ÷ 8 bar	2200 NI/min
T210 307 231 110	V+F+R+L 3	3/4	20 µm	0 ÷ 8 bar	3900 NI/min
T210 309 231 110	V+F+R+L 3	1"	20 µm	0 ÷ 8 bar	3900 NI/min

Code	Size	Thread	Filtration grade	Regulation range	Condensate exhaust System	Oil loading System	Shut-off valve Driver System
T 2 1 0	1	0 2	2	3	1	1 1 0	1 1 0
	FRL 1 →	02 = G 1/8 03 = G 1/4 04 = G 3/8 05 = G 1/2 06 = G 3/4 07 = G 1"	1 = 5 µm 2 = 20 µm 3 = 50 µm	1 = 0÷2 bar 2 = 0÷4 bar 3 = 0÷8 bar 4 = 0÷12 bar	1 = Semiautomatic Manual 2 = Automatic (only for FRL2-FRL3)	1 = Manual 2 = Automatic vacuum operated	1 = Manual

T300 F + L


Code	Size	Thread	Filtration	Flow Rate
T300 103 201 100	F+L 1	1/4	20 µm	1350 NI/min
T300 104 201 100	F+L 1	3/8	20 µm	1350 NI/min
T300 204 201 100	F+L 2	3/8	20 µm	3200 NI/min
T300 205 201 100	F+L 2	1/2	20 µm	3200 NI/min
T300 307 201 100	F+L 3	3/4	20 µm	5000 NI/min
T300 309 201 100	F+L 3	1"	20 µm	5000 NI/min

Code	Size	Thread	Filtration grade	Condensate exhaust System	Oil loading System
T 3 0 0	1	0 3	2	0 1	1 0 0
	FRL 1 →	02 = G 1/8 03 = G 1/4 04 = G 3/8 05 = G 1/2 06 = G 3/4 07 = G 1"	1 = 5 µm 2 = 20 µm 3 = 50 µm	1 = Semiautomatic Manual 2 = Automatic (only for FL2 - FL3)	1 = Manual 2 = Automatic vacuum-operated 3 = Two steps sensor manual



Code	Size	Thread	Filtration	Flow Rate
T400 103 401 000	FIL+FC 1	1/4	5 μm + 0.01 μm	600 NL/min
T400 104 401 000	FIL+FC 1	3/8	5 μm + 0.01 μm	600 NL/min
T400 204 401 000	FIL+FC 2	3/8	5 μm + 0.01 μm	660 NL/min
T400 205 401 000	FIL+FC 2	1/2	5 μm + 0.01 μm	660 NL/min
T400 307 401 000	FIL+FC 3	3/4	5 μm + 0.01 μm	910 NL/min
T400 309 401 000	FIL+FC 3	1"	5 μm + 0.01 μm	910 NL/min

Code	Size	Thread	Filtration grade	Condensate exhaust System
T 4 0 0	1	0 3	4	0 1
			4 = 0.01 µm	1 = Semiautomatic Manual
	FRL 1 → 03 = G 1/4 04 = G 3/8			
	FRL 2 → 04 = G 3/8 05 = G 1/2			
	FRL 3 → 07 = G 3/4 09 = G 1"			

T450 FR + FC



Code	Size	Thread	Regulation	Filtration	Flow Rate
T450 103 431 000	FR+FC 1	1/4	0 ÷ 8 bar	5 µm + 0.01 µm	600 NI/min
T450 104 431 000	FR+FC 1	3/8	0 ÷ 8 bar	5 µm + 0.01 µm	600 NI/min
T450 204 431 000	FR+FC 2	3/8	0 ÷ 8 bar	5 µm + 0.01 µm	660 NI/min
T450 205 431 000	FR+FC 2	1/2	0 ÷ 8 bar	5 µm + 0.01 µm	660 NI/min
T450 307 431 000	FR+FC 3	3/4	0 ÷ 8 bar	5 µm + 0.01 µm	910 NI/min
T450 309 431 000	FR+FC 3	1"	0 ÷ 8 bar	5 µm + 0.01 µm	910 NI/min

Code	Size	Thread	Filtration grade	Regulation range	Condensate exhaust System
T 4 5 0	1	0 3	4	3	1
			4 = 0.01 μm	3 = 0÷8 bar	1 = Semiautomatic Manual
	FRL 1 → 03 = G 1/4 04 = G 3/8				
	FRL 2 → 04 = G 3/8 05 = G 1/2				
	FRL 3 → 07 = G 3/4 09 = G 1"				

ACCESSORIES FRL

T500
CONNECTION PLATE



T500 000 000 000
T500 100 000 000
T500 200 000 000
T500 300 000 000

T510

CONNECTION UNIT



FRL 0	T510 102 000 000	FRL 1	1/8
FRL 1	T510 103 000 000	FRL 1	1/4
FRL 2	T510 104 000 000	FRL 1	3/8
FRL 3	T510 203 000 000	FRL 2	1/4
	T510 204 000 000	FRL 2	3/8
	T510 205 000 000	FRL 2	1/2
	T510 305 000 000	FRL 3	1/2
	T510 307 000 000	FRL 3	3/4
	T510 309 000 000	FRL 3	1"

T525
BOUL FOR AUTOMATIC CONDENSED EXHAUST



T525 200 002 000	FRL 2
T525 300 002 000	FRL 3

T535
BOUL FOR AUTOMATIC OIL LOADING SYSTEM



T535 100 000 200	FRL 1
T535 200 000 200	FRL 2
T535 300 000 200	FRL 3

T505

ENDS UNIT



T505 102 000 000	FRL 1	1/8
T505 103 000 000	FRL 1	1/4
T505 104 000 000	FRL 1	3/8
T505 203 000 000	FRL 2	1/4
T505 204 000 000	FRL 2	3/8
T505 205 000 000	FRL 2	1/2
T505 305 000 000	FRL 3	1/2
T505 307 000 000	FRL 3	3/4
T505 309 000 000	FRL 3	1"

T520

BOWL FOR FILTER UNIT



T520 000 001 000	FRL 0
T520 100 001 000	FRL 1
T520 200 001 000	FRL 2
T520 300 001 000	FRL 3

T530

BOWL FOR LUBRICATOR UNIT



T530 000 000 100	FRL 0
T530 100 000 100	FRL 1
T530 200 000 100	FRL 2
T530 300 000 100	FRL 3

T540

FILTER RING DEVICE



T540 000 100 000	FRL 0	5 µm
T540 000 200 000	FRL 0	20 µm
T540 000 300 000	FRL 0	50 µm
T540 100 100 000	FRL 1	5 µm
T540 100 200 000	FRL 1	20 µm
T540 100 300 000	FRL 1	50 µm
T540 200 100 000	FRL 2	5 µm
T540 200 200 000	FRL 2	20 µm
T540 200 300 000	FRL 2	50 µm
T540 300 100 000	FRL 3	5 µm
T540 300 200 000	FRL 3	20 µm
T540 300 300 000	FRL 3	50 µm

T545

COALESCER FILTER



T545 000 000 000	FRL 0
T545 100 000 000	FRL 1
T545 200 000 000	FRL 2
T545 300 000 000	FRL 3

T560

OIL FEEDING DEVICE



T560 100 000 000	FRL 0
T560 100 000 000	FRL 1
T560 100 000 000	FRL 2
T560 100 000 000	FRL 3

T580

REGULATING PLUG UNIT



T580 000 000 000	FRL 0
T580 100 000 000	FRL 1
T580 200 000 000	FRL 2
T580 300 000 000	FRL 3

T550

VENTURI UNIT



T550 000 000 000	FRL 0
T550 100 000 000	FRL 1
T550 200 000 000	FRL 2
T550 300 000 000	FRL 3

T570

REGULATING DEVICE



T570 000 010 000	FRL 0	0 ÷ 2 bar
T570 000 020 000	FRL 0	0 ÷ 4 bar
T570 000 030 000	FRL 0	0 ÷ 8 bar
T570 000 040 000	FRL 0	0 ÷ 12 bar
T570 100 010 000	FRL 1	0 ÷ 2 bar
T570 100 020 000	FRL 1	0 ÷ 4 bar
T570 100 030 000	FRL 1	0 ÷ 8 bar
T570 100 040 000	FRL 1	0 ÷ 12 bar
T570 200 010 000	FRL 2	0 ÷ 2 bar
T570 200 020 000	FRL 2	0 ÷ 4 bar
T570 200 030 000	FRL 2	0 ÷ 8 bar
T570 200 040 000	FRL 2	0 ÷ 12 bar
T570 300 010 000	FRL 3	0 ÷ 2 bar
T570 300 020 000	FRL 3	0 ÷ 4 bar
T570 300 030 000	FRL 3	0 ÷ 8 bar
T570 300 040 000	FRL 3	0 ÷ 12 bar

T590

SHUTTER + FILTER UNIT



T590 000 100 000	FRL 0	5 µm
T590 000 200 000	FRL 0	20 µm
T590 000 300 000	FRL 0	50 µm
T590 100 100 000	FRL 1	5 µm
T590 100 200 000	FRL 1	20 µm
T590 100 300 000	FRL 1	50 µm
T590 200 100 000	FRL 2	5 µm
T590 200 200 000	FRL 2	20 µm
T590 200 300 000	FRL 2	50 µm
T590 300 100 000	FRL 3	5 µm
T590 300 200 000	FRL 3	20 µm
T590 300 300 000	FRL 3	50 µm

DIS00

AIR DISTRIBUTOR



DIS00 001 100 NE	FRL 0
DIS00 108 000 NE	FRL 1
DIS00 208 000 NE	FRL 2
DIS00 308 000 NE	FRL 3

FIL04

SINTERED FILTER



FIL04 003 805 SC	FRL 0	5 µm
FIL04 003 820 SC	FRL 0	20 µm
FIL04 003 850 SC	FRL 0	50 µm
FIL04 101 005 SC	FRL 1	5 µm
FIL04 101 020 SC	FRL 1	20 µm
FIL04 101 050 SC	FRL 1	50 µm
FIL04 201 005 SC	FRL 2	5 µm
FIL04 201 020 SC	FRL 2	20 µm
FIL04 201 050 SC	FRL 2	50 µm
FIL04 301 005 SC	FRL 3	5 µm
FIL04 301 020 SC	FRL 3	20 µm
FIL04 301 050 SC	FRL 3	50 µm

REGISTER SPRING



REG06 005 401 SC	FRL 0	0 ÷ 2 bar
REG06 005 402 SC	FRL 0	0 ÷ 4 bar
REG06 005 403 SC	FRL 0	0 ÷ 8 bar
REG06 005 404 SC	FRL 0	0 ÷ 12 bar
REG06 105 401 SC	FRL 1	0 ÷ 2 bar
REG06 105 402 SC	FRL 1	0 ÷ 4 bar
REG06 105 403 SC	FRL 1	0 ÷ 8 bar
REG06 105 404 SC	FRL 1	0 ÷ 12 bar
REG06 205 401 SC	FRL 2	0 ÷ 2 bar
REG06 205 402 SC	FRL 2	0 ÷ 4 bar
REG06 205 403 SC	FRL 2	0 ÷ 8 bar
REG06 205 404 SC	FRL 2	0 ÷ 12 bar
REG06 305 401 SC	FRL 3	0 ÷ 2 bar
REG06 305 402 SC	FRL 3	0 ÷ 4 bar
REG06 305 403 SC	FRL 3	0 ÷ 8 bar
REG06 305 404 SC	FRL 3	0 ÷ 12 bar

MEMBRANE UNIT



REG09 001 700 SC	FRL 0
REG09 101 700 SC	FRL 1
REG09 201 700 SC	FRL 2
REG09 301 700 SC	FRL 3

CLAMP BRACKET



REG16 005 000 NE	FRL 0
REG16 105 000 NE	FRL 1
REG16 205 000 NE	FRL 2
REG16 305 000 NE	FRL 3

MANOMETRES

MANOMETER BACK CONNECTION



MAN01 N2 020 000	0 ÷ 4 bar
MAN01 N2 050 000	0 ÷ 6 bar
MAN01 N2 060 000	0 ÷ 10 bar
MAN01 N2 040 000	0 ÷ 12 bar
MAN02 N2 050 000	0 ÷ 6 bar
MAN02 N2 040 000	0 ÷ 12 bar

MANOMETER BOTTOM CONNECTION



MAN03 N2 050 000	0 ÷ 6 bar
MAN03 N2 040 000	0 ÷ 12 bar
MAN04 N2 040 000	0 ÷ 12 bar

MANOMETER BACK CONNECTION,
PANEL MOUNT WITH BRACKET



MAN05 N2 020 000	0 ÷ 4 bar
MAN05 N2 050 000	0 ÷ 6 bar
MAN05 N2 060 000	0 ÷ 10 bar
MAN05 N2 040 000	0 ÷ 12 bar

MANOMETER BACK CONNECTION,
3 HOLES CHROMED FLANGE



MAN06 N2 020 000	0 ÷ 4 bar
MAN06 N2 050 000	0 ÷ 6 bar
MAN06 N2 060 000	0 ÷ 10 bar
MAN06 N2 040 000	0 ÷ 12 bar

PRESSURE SWITCHES

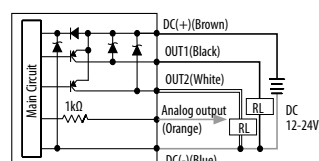


New

PR02 P 02 P1 (Pressure)

PR02 V 02 P1 (Vacuum)

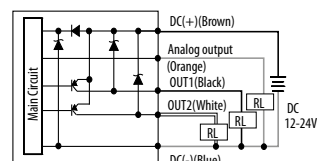
2 PNP + Analog Output (1~5V)



PR02 P 02 P2 (Pressure)

PR02 V 02 P2 (Vacuum)

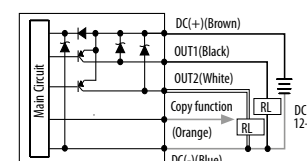
2 PNP + Analog Output (4~20mA)



PR02 P 02 PC (Pressure)

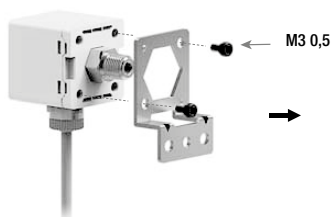
PR02 V 02 PC (Vacuum)

2 PNP + Copy Function

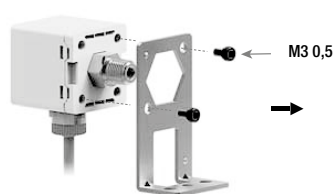


MOUNTING BRACKET

PR02B1

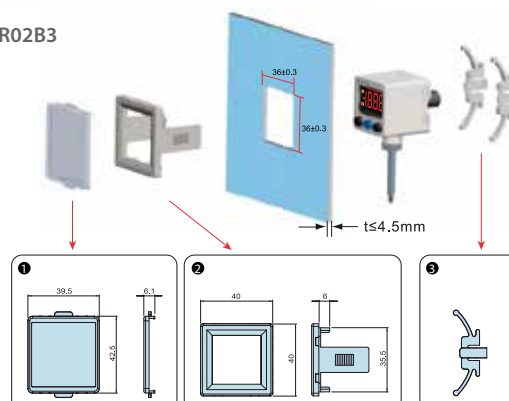


PR02B2



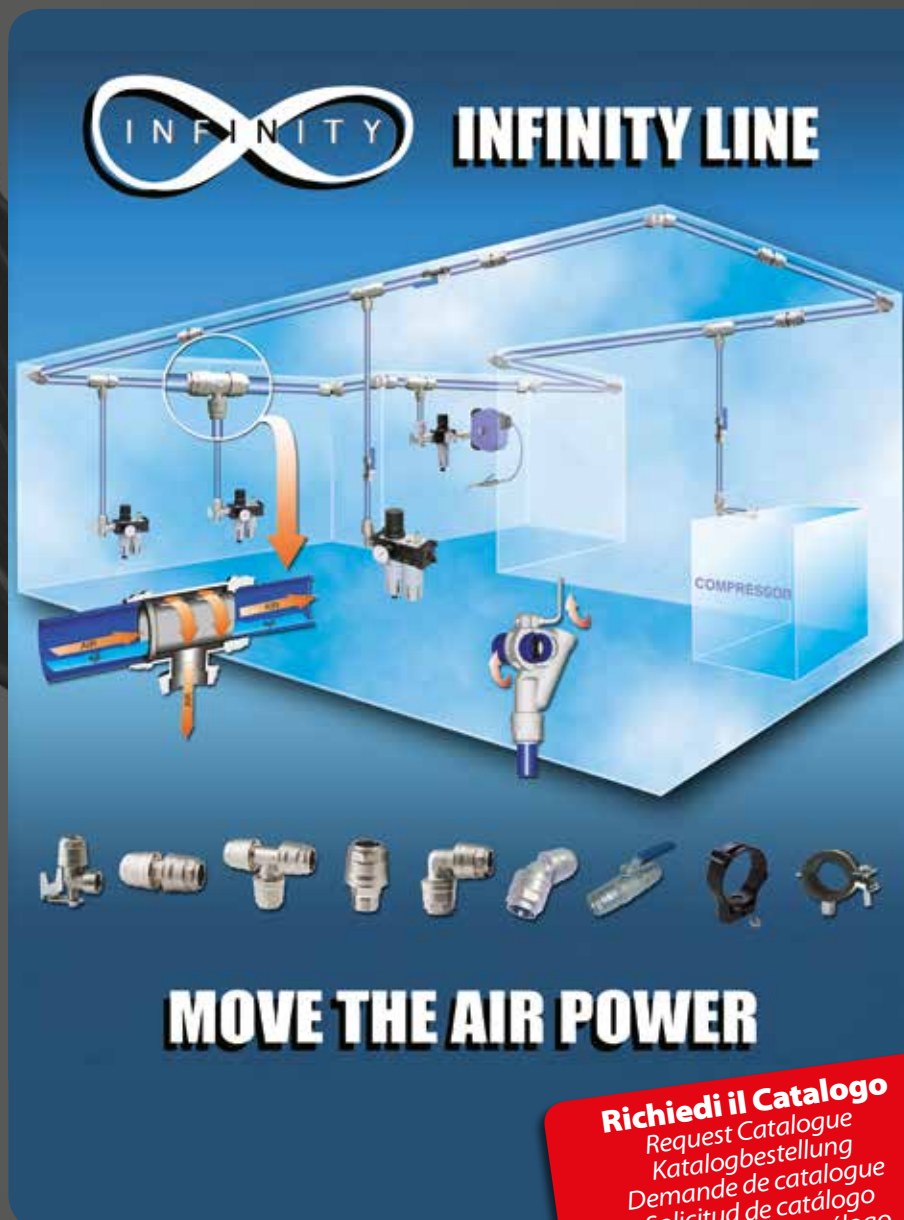
PANEL MOUNT ADAPTER + FRONT PROTECTIVE LID

PR02B3



Serie Infinity

Distribution system for compressed air,
inert gases and vacuum



INFINITY INFINITY LINE

COMPRESSOR

MOVE THE AIR POWER

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Katalogbestellung
Demande de catalogue
Solicitud de catálogo
Solicitação de catálogo



Serie Fluidity

Fluid Solenoid valves

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FLUIDITY







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