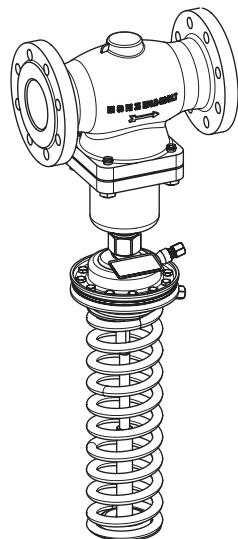
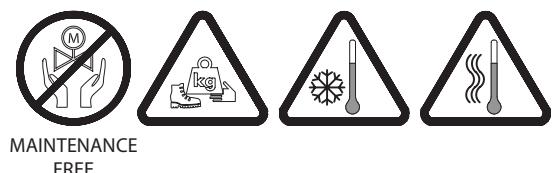
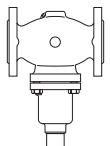


Pressure Reducer AFD/VFG(S) 2(1)

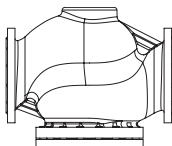


ENGLISH	Pressure Reducer AFD/VFG(S) 2(1)	www.danfoss.com	Page 6
DEUTSCH	Druckminderer AFD/VFG(S) 2(1)	www.danfoss.de	Seite 7
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SVENSKA	Tryckreducerare AFD/VFG(S) 2(1)	www.danfoss.se	Sida 9
POLSKI	Reduktor ciśnienia AFD/VFG(S) 2(1)	www.danfoss.pl	Strona 10
РУССКИЙ	Регуляторы давления AFD/VFG(S) 2(1)	www.danfoss.ru	Страница 12
中文	减压阀 AFD/VFG(S) 2(1)	www.danfoss.cn	第13页

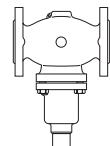
AFD/VFG(S) 2(1)

1

 DN 15-125
 $T_{max} = 150\text{ }^{\circ}\text{C}$


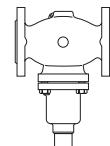
VFG 2(1)

 DN 150-250
 $T_{max} = 150\text{ }^{\circ}\text{C}$


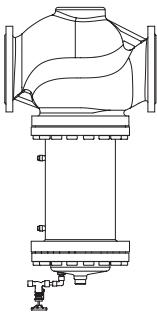
VFG 2(1)

 DN 15-125
 $T_{max} = 200\text{ }^{\circ}\text{C}$


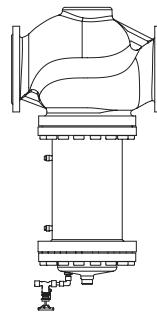
VFG 2

 DN 15-125
 $T_{max} = 350\text{ }^{\circ}\text{C}$


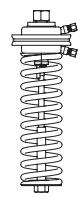
VFGS 2

 DN 150-250
 $T_{max} = 200\text{ }^{\circ}\text{C}$


VFG 2

 DN 150-250
 $T_{max} = 350\text{ }^{\circ}\text{C}$


VFGS 2



AFD



AFD



AFD



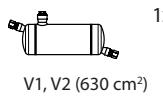
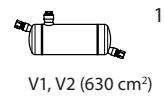
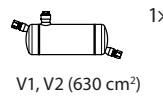
AFD

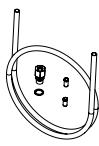


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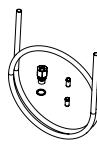


AFD


 1×
 V1, V2 (630 cm²)

 1×
 V1, V2 (630 cm²)

 1×
 V1, V2 (630 cm²)

 1×
 V1, V2 (630 cm²)


AF (1x)



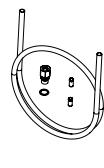
AF (1x)



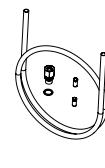
AF (1x)



FD 2



AF (1x)

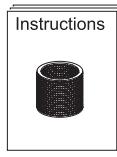


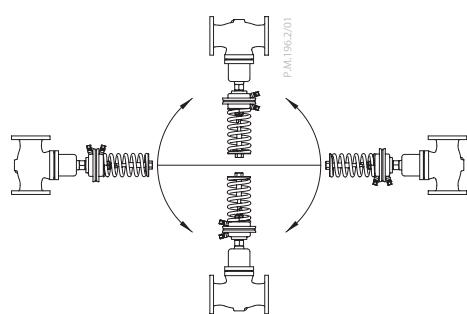
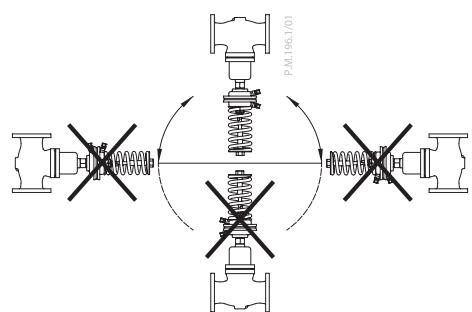
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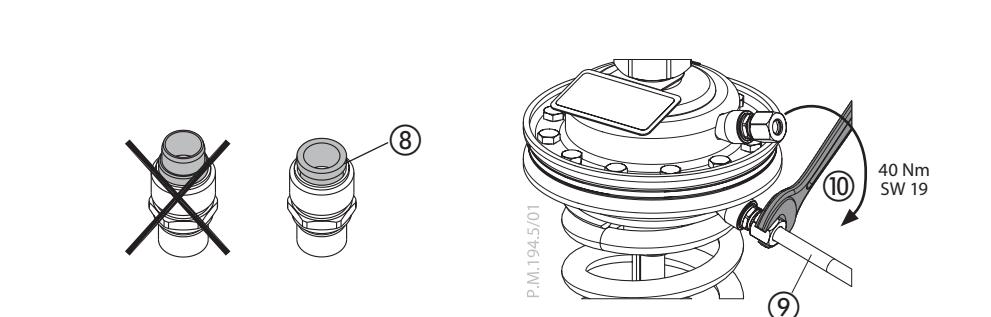
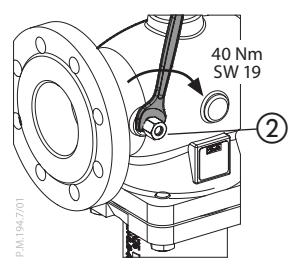
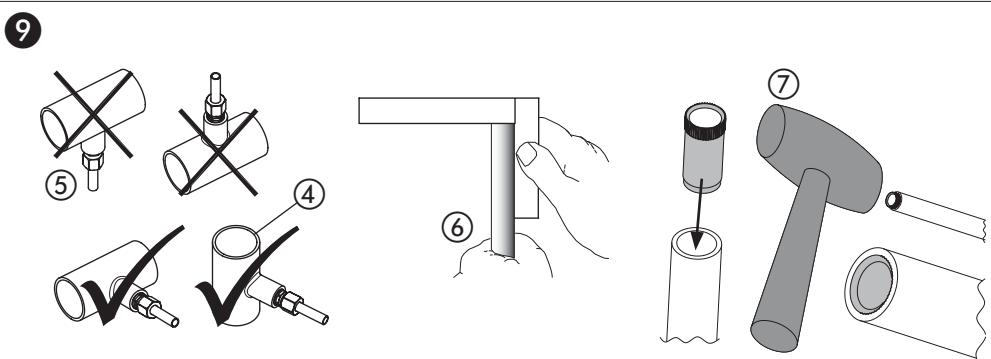
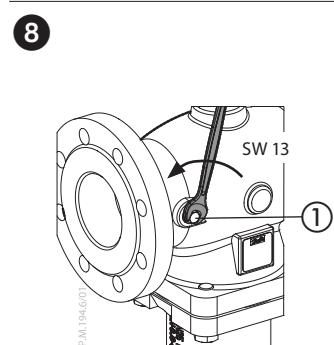
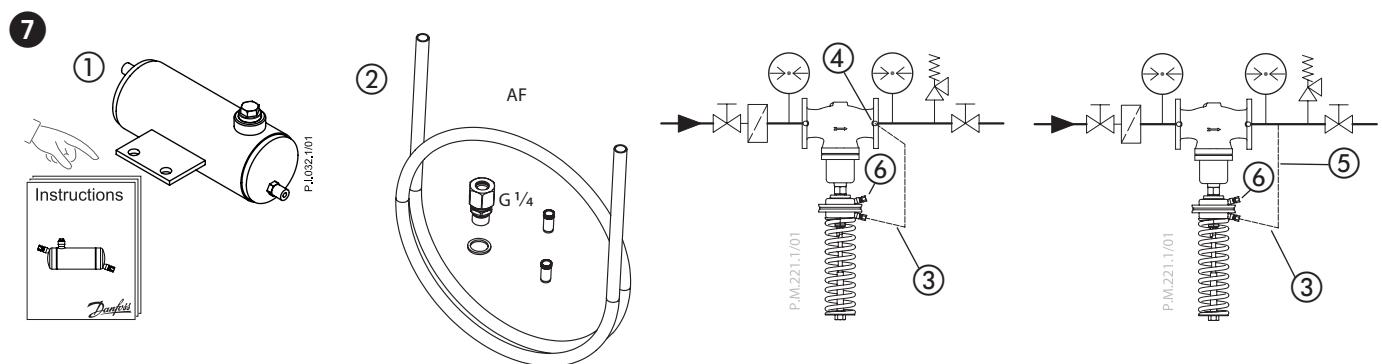
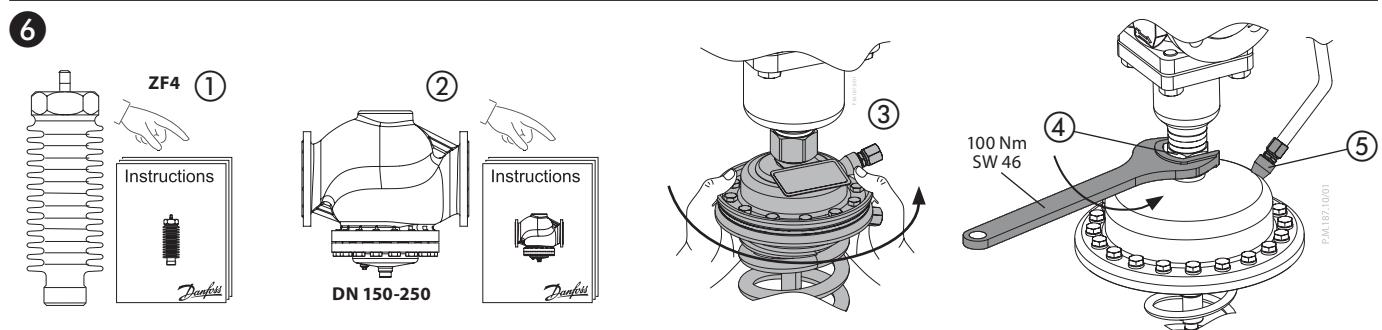
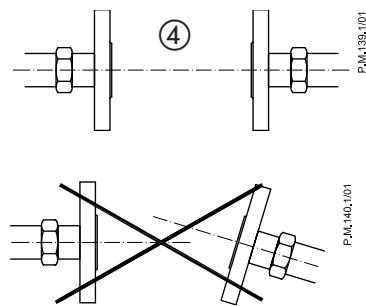
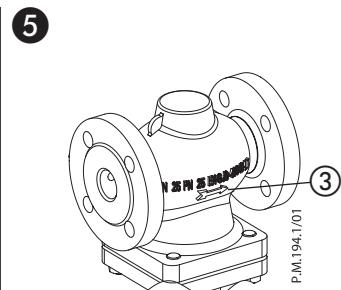
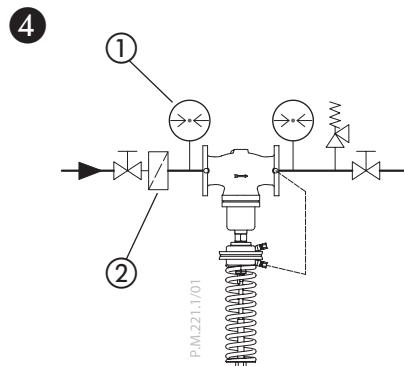

 FD 2
 AF (1x)

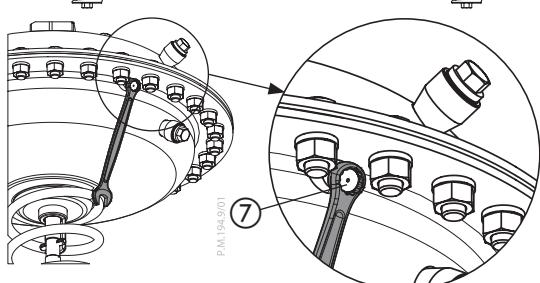
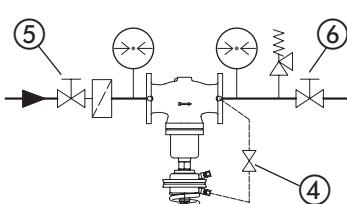
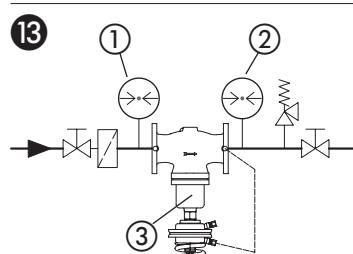
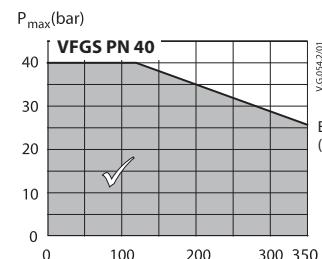
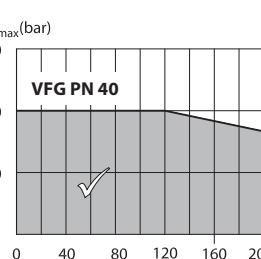
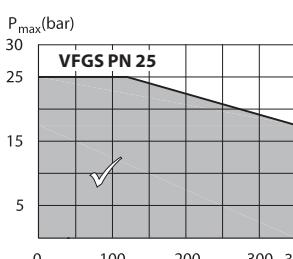
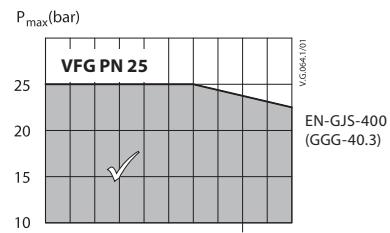
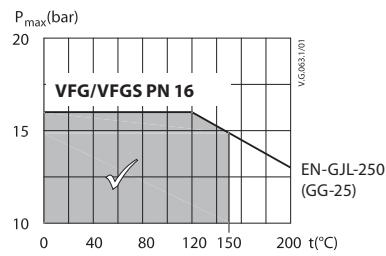
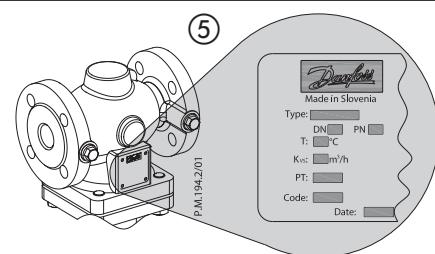
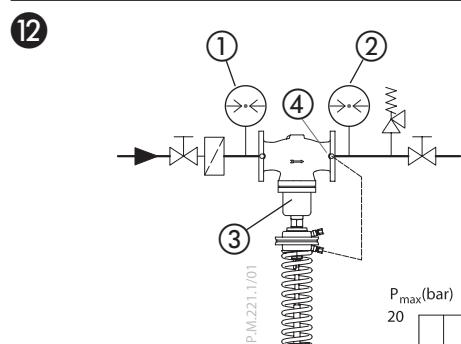
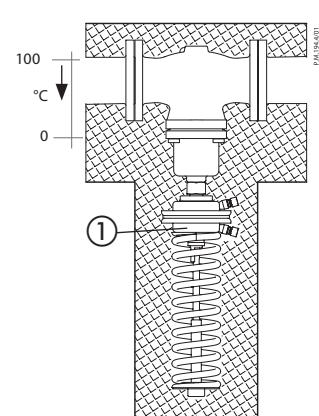
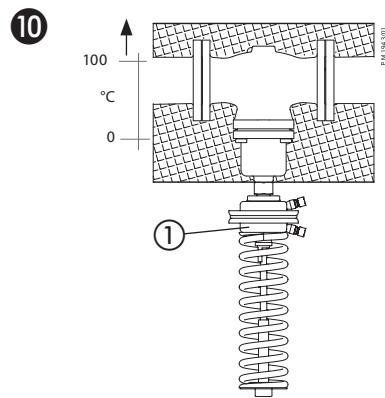
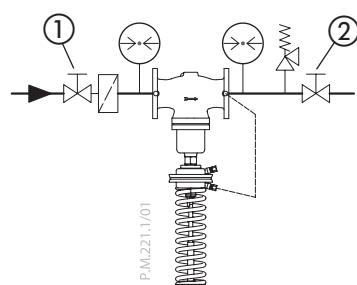
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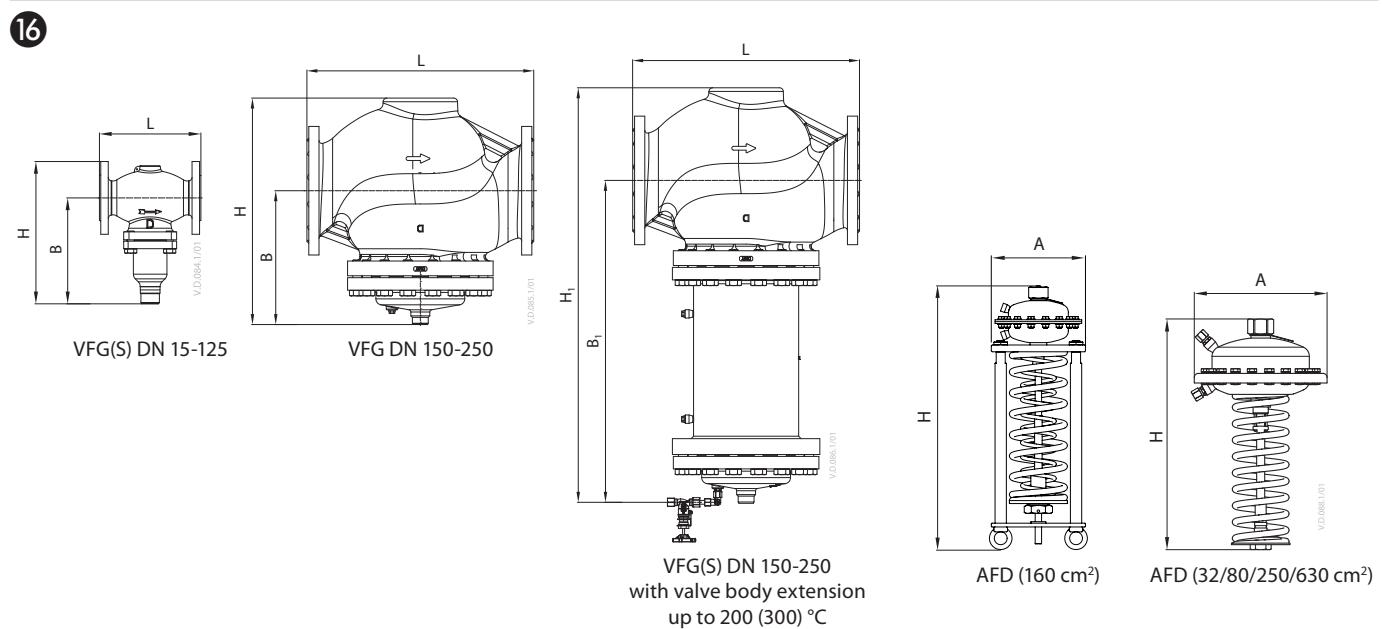
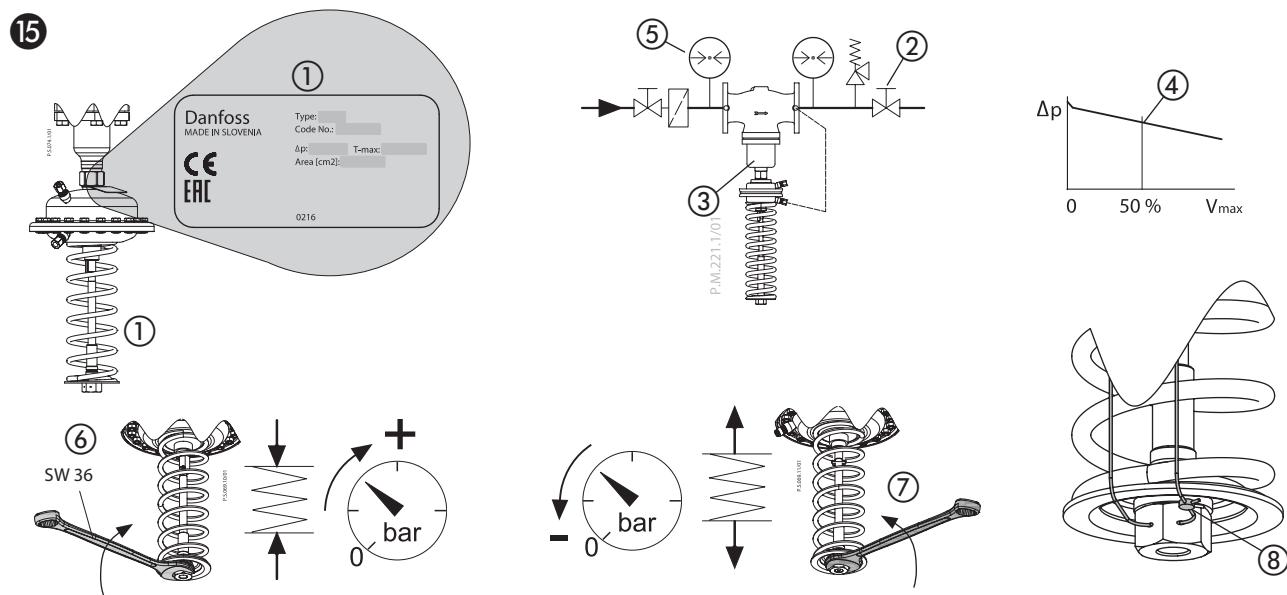

FD 2


3

 DN 15-80 $T_{max} \leq 120\text{ }^{\circ}\text{C}$

 DN 15-80 $T_{max} > 120\text{ }^{\circ}\text{C}$; DN 100-250


AFD/VFG(S) 2(1)


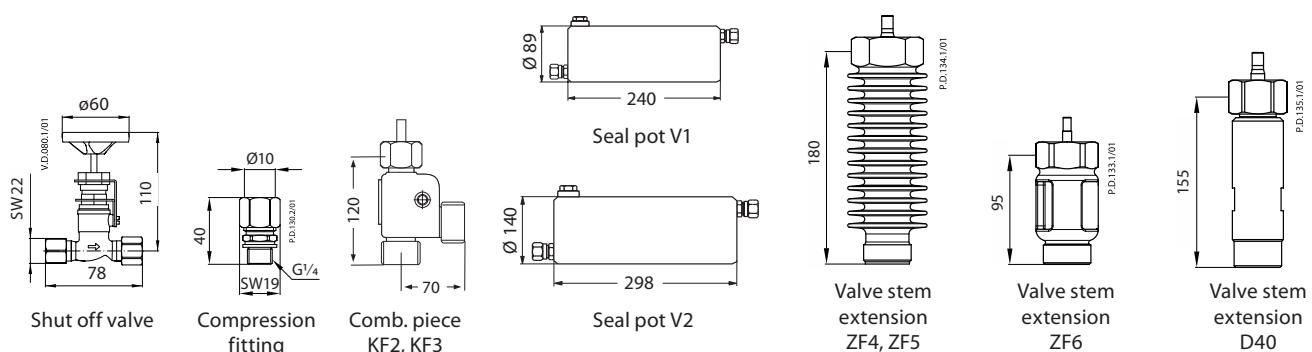
AFD/VFG(S) 2(1)

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AFD/VFG(S) 2(1)

VFG 2, VFG 21, VFGS 2 Valves

DN	15	20	25	32	40	50	65	80	100	125	150	200	250	
L	130	150	160	180	200	230	290	310	350	400	480	600	730	
	213	213	239	239	241	241	276	276	381	381	326	354	401	
	267	267	304	304	323	323	370	370	505	505	505	591	661	
B ₁	mm											620	852	1199
												799	1089	1459
H ₁	mm													

AFD Actuator

Actuator size	cm ²	32	80	160	250	630
Ø A mm	172	172	250	263	380	
H mm	435	430	710	470	520	
Weight kg	7.5	7.5	32.4	13	28	



4. 将脉冲管 ⑨ 按入丝扣接头至其止动位置。
5. 拧紧连接螺母 ⑩, 扭矩 40 Nm.

保温 ⑪

对于不超过 100°C 的介质温度, 可以对压差驱动器 ① 进行保温

拆卸 ⑫

危险
当心蒸汽或热水烫伤!

不带驱动器的阀门是敞开的 ①, 密封件 ② 位于驱动器内。

拆卸之前, 对系统进行泄压!

按照与安装相反的步骤进行拆卸。

泄漏与压力测试 ⑬

切勿超过允许的最大压力, 如下所示。

阀门之后的压力 ② 不得超过阀门之前的压力 ①。

违规有可能导致控制器 ③ 发生损坏。

在进行压力测试之前, 绝对需要断开脉冲管 ④。

使用丝堵封堵接口, 如 G 1/4 ISO 228。

连接脉冲管时的最大压力 [bar]

AFD cm ²	32	80	160	250	630
bar	16	6	1.5	0.5	

注意阀门的公称压力 ⑤。

最大测试压力为 $1.5 \times PN$.

给系统注水, 首次启动 ⑯

阀门之后的压力 ② 不得超过阀门之前的压力 ①。

违规可能导致控制器 ③ 发生损坏。

1. 打开脉冲管上的关断装置 ④ (如果有)。

2. 缓慢打开关断装置 ⑤ (入口)。

3. 缓慢打开关断装置 ⑥ (出口)。

4. 仅适用于驱动器 630 cm²:

将通气螺钉 ⑦ 打开约 2 圈。

水渗出后, 立即拧紧螺钉。

停止运行 ⑰

1. 缓慢关闭关断装置 ① (入口)。

2. 缓慢关闭关断装置 ② (出口)。

设定点调整 ⑲

有关设定点范围, 请参见铭牌 ①。

1. 将减压阀 ③ 之后配件 ② 的流速调节为最大流速的大约 50 % ④。

2. 阀门之后压力的调节 ⑤:

向右转动 ⑥ 提高设定值 (增加弹簧压力,
压紧弹簧)

向左转动 ⑦ 降低设定点 (释放弹簧压力)

3. 设定点调节器 ⑧ 可以密封。

尺寸, 重量 ⑳

AFD/VFG(S) 2(1)

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