GATE VALVE, FLANGED W/ACTUATOR, PN10

715/30-004

EN 558-2 S.14/DIN F4, double acting pneumatic actuator, DN65-350

Wastewater

AVK gate valves are designed with built-in safety in every detail. The wedge is fully vulcanized with AVK's own oil and gas resistant NBR rubber compound. It features an outstanding durability due to the ability of the rubber to regain its original shape, the double bonding vulcanization process and the sturdy wedge design. The triple safety stuffing box sealing system, the high strength stem and the thorough corrosion protection safeguard the unmatched reliability.

Use:
Pneumatically controlled flanged gate valve including proximity switches and slot covers. For wastewater treatment and neutral liquids to max. 70° C

Standards:
- Designed according to EN 1074 part 1 & 2, Designed according to EN 1171
- Face-to-face dimension according to EN 558 Table 2 Basic Series 14
- Standard flange drilling to EN1092-2 (ISO 7005-2), PN10

Test/Approvals:
- Seat: 1.1 x PN (in bar), Body: 1.5 x PN (in bar). Operation torque test
- Approved for wastewater

Features:
- Fixed, integral wedge nut prevents vibration and ensures durability
- Wedge fully vulcanized with NBR rubber and equipped with wedge shoes to provide smooth operation
- Wedge and body guide rails ensure stable operation
- Stainless steel stem and adaptor
- Quadruble acting self cleaning sealing system with two sealings and two wiper rings prevents deposits from penetrating the cylinder by movement of the piston shaft
- Round NBR bonnet gasket fixed in a recess
- Countersunk and sealed stainless steel bonnet bolts encircled by the bonnet gasket
- Full bore
- Low operating torque
- Fusion bonded epoxy coating in compliance with DIN 3476 part 1 and EN 14901
- Double acting pneumatic actuator of aluminium in DN 65-200 and stainless steel in DN250-300 with position sensing for open/close operation
- Including proximity switches and slot covers

Accessories:
Flange adaptor and combi-flange

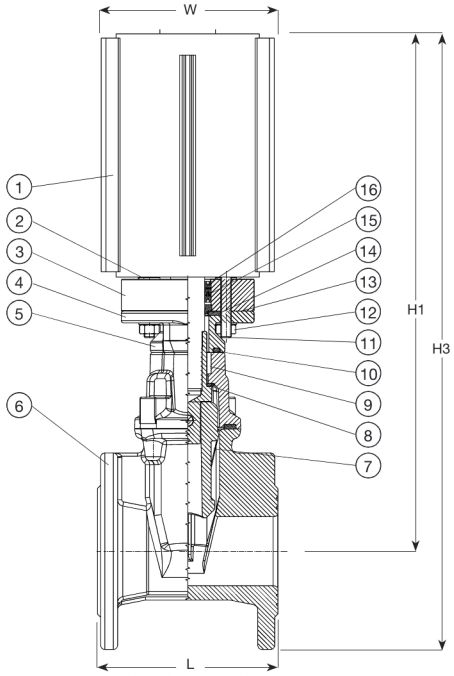


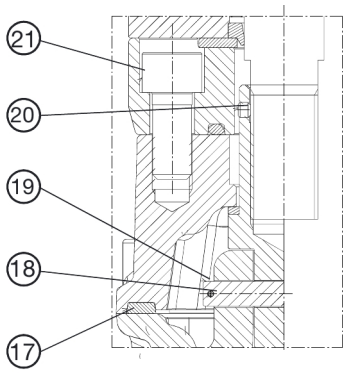
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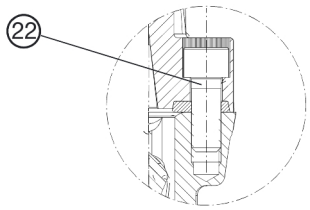
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EN 558-2 S.14/DIN F4, double acting pneumatic actuator, DN65-350







Component list:

1.	Pneumatic actuator	Aluminium / stainless steel	12.	Nut	Stainless steel A4
2.	Washer	Stainless steel	13.	Gasket	NBR rubber
3.	Stuffing box	Stainless steel	14.	Gasket	NBR rubber
4.	Gland	Ductile iron	15.	Wiper ring	NBR rubber
5.	Bonnet	Ductile iron GJS-500-7 (GGG-50)	16.	Seal	NBR rubber
6.	Body	Ductile iron GJS-500-7 (GGG-50)	17.	Bonnet gasket	NBR rubber
7.	Wedge	Ductile iron, NBR encapsulated	18.	Split pin	Stainless steel
8.	Ring	NBR rubber	19.	Lock pin	Stainless steel
9.	Spindle adaptor	Stainless steel	20.	Set screw	Stainless steel
10.	O-ring	NBR rubber	21.	Screw	Stainless steel
11.	Stud	Stainless steel	22.	Screw	Stainless steel

Metallic components may be substituted with equivalent or higher-grade materials without prior notice, provided that this is in compliance with the approvals.

Reference nos. and dimensions:

AVK ref. no.	DN	Flange	L	H	H1	H3	W	Air consumption per	Theoretical
	mm	drilling	mm	mm	mm	mm	mm	stroke liters/at 6 bar	weight/kg
715-065-30-03003	65	PN10/16	170	585	548	641	163	6	18
715-080-30-03003	80	PN10/16	180	560	523	623	163	7	22
715-100-30-03003	100	PN10/16	190	575	557	667	163	9	27
715-150-30-03003	150	PN10/16	210	759	722	865	199	21	52
715-200-30-03003	200	PN10	230	948	911	1081	271	69	75
715-250-30-03003	250	PN10	250	1088	1051	1251	378	140	112
715-300-30-03003	300	PN10	270	1214	1177	1405	378	168	180
715-350-30-03003	350	PN10	290	1429	1392	1689	378	197	252

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