

GATE VALVE / 6025 RESILIENT SEATED - DUCTILE IRON (F4)



PN 25
DN40 → DN300

PRODUCTION STANDARDS

DESIGN	TS EN 1171
END CONNECTION	FLANGED EN 1092-2 / ISO 7005-2
FACE TO FACE	TS EN 558 Seri 14 / DIN 3202 F4
TEST	TS EN 12266-1
MARKING	TS EN 19

FEATURES

- FAF 6025 PN 25 Resilient Seated Gate Valve is operating by the EPDM covered iron wedge moving perpendicular to the flow axis through a worm machined stem multi turned.
- 100% tight sealing is achieved through EPDM covered wedge fully contacting the fusion bonded epoxy coated flow surface.
- In each time the valve is opened, the flow on the line cleans the sealing surface, prevents from dirt and deposits.
- With its short installation length (DIN 3202 F4) does not occupy a big place.
- It has ductile iron body and stainless steel stem
- Inner and outer surfaces are coated with minimum 250 micron fusion bonded epoxy.
- Suitable to install actuator and gearbox
- Suitable to use with ground and underground applications. Can be operated with extension spindle.
- Very low head loss rating. Can be operated with lower torque ratings, no maintenance needed.

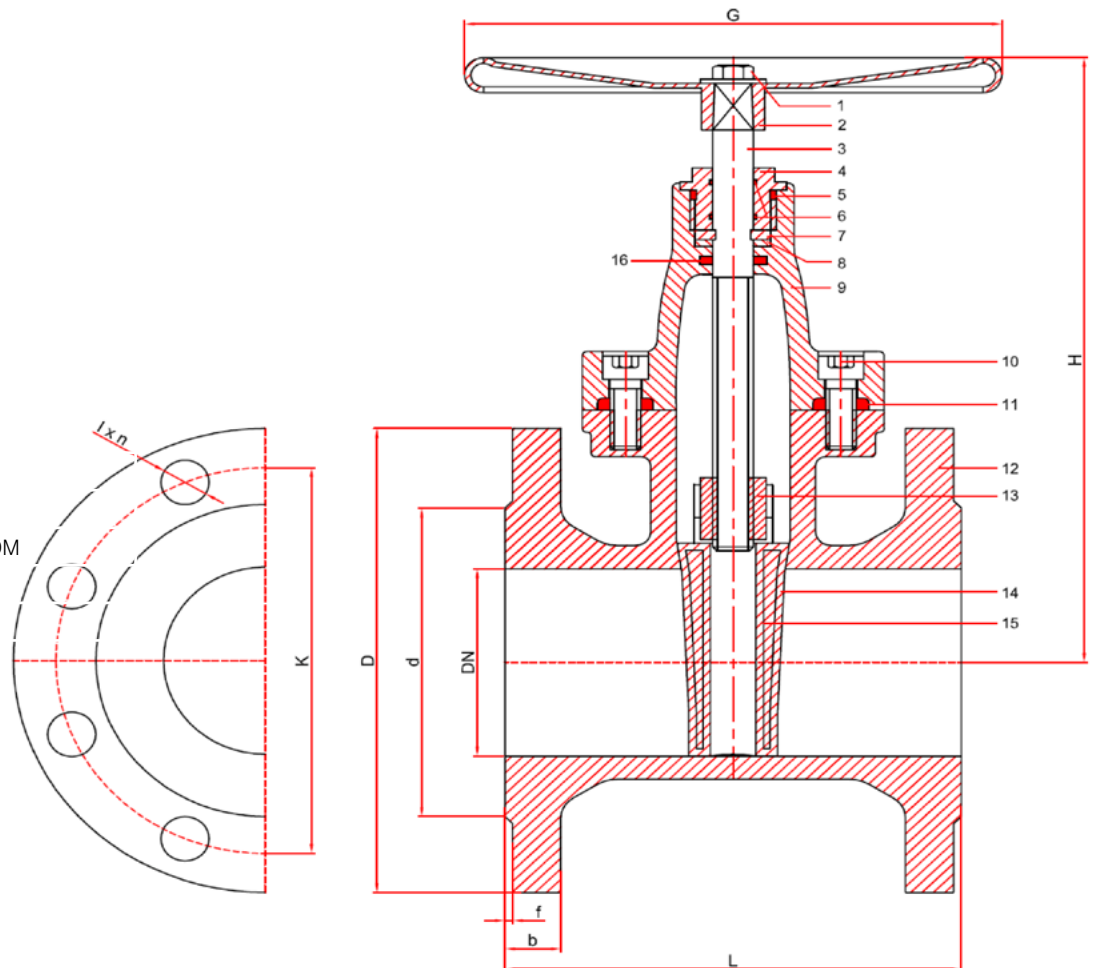
APPLICATIONS

Hot Water, Cold Water, Fluids without acidity or alkalinity properties

TEMPERATURE

+130 °C

- No MATERIAL LIST
- 1 BOLT / DIN 933
 - 2 HANDWHEEL / St-37 Steel
 - 3 STEM / Stainless Steel 1.4021
 - 4 STEM NUT / CuZn40Pb2
 - 5 O-RING / EPDM
 - 6 O-RING / EPDM
 - 7 WASHER / C45 Steel
 - 8 PTFE WASHER / PTFE
 - 9 COVER / EN GJS 500 (Ductile Iron)
 - 10 BOLT / DIN 912
 - 11 COVER SEALING / EPDM
 - 12 BODY / EN GJS 500 (Ductile Iron)
 - 13 TRAPEZOIDAL NUT / CuZn40Pb2
 - 14 VULCANIZED DISC SEALING / EPDM
 - 15 DISC / EN GJS 500 (Ductile Iron)
 - 16 NUTRING / EPDM



DN	DIMENSION				RATINGS		PN25			
	Ø mm	D	L	H	G	KV m ³ /h	TORK Nm	STUD SIZE	BOLT/NUT QTY	FASTENING MOMENT Nm
40	150	140	210	160	117	45	M16X65	4X2	205	24
50	165	150	225	160	196	52	M16X65	4X2	205	24
65	185	170	265	180	320	57	M16X65	8X2	205	24
80	200	180	285	200	510	65	M16X70	8X2	205	24
100	235	190	325	200	845	70	M20X80	8X2	400	30
125	270	200	360	250	1310	85	M24X85	8X2	691	36
150	300	210	410	250	1996	115	M24X85	8X2	691	36
200	360	230	530	320	3790	160	M24X90	12X2	691	36
250	425	250	605	350	6030	325	M27X100	12X2	1010	41
300	485	270	680	350	8680	345	M27X110	16X2	1010	41