

FLANGED METAL GATE VALVE

TECHNICAL PASSPORT

FLANGED PN10 WITH RISING STEM GATE VALVE WITH SHORT PATTERN

V 4202

APPLICATION

Disconnection of flow in fluid transfer networks.

Area of use: Industrial installation, central heating, air conditioning, water transfer networks, water supply, irrigation, sugar factory, mines, fire system, petrochemical, etc.



Fluids: water, oil, steam.

GENERAL CHARACTERISTICS

Range: from DN200 to DN400.

Full bore, erasure of the wedge in the fully open position.

Low pressure drop.

Excellent tightness guaranteed by attached brass seats.

Brass sealing ring on the wedge.

Packing gland on the stem.

Operated by handwheel with rising stem.



STANDARDS

Connection	Flanged connection according to EN 1092-2 et ISO 7005-2 : ISO PN10.
Face to face	Face to face in accordance with EN 558-1 série 14 and DN3202 F4 short pattern.
Essais	Pressure test according to standards EN12266-1 and ISO 5208. - Body : 15 bar - Seat : 11 bar

PRODUCT APPROVALS



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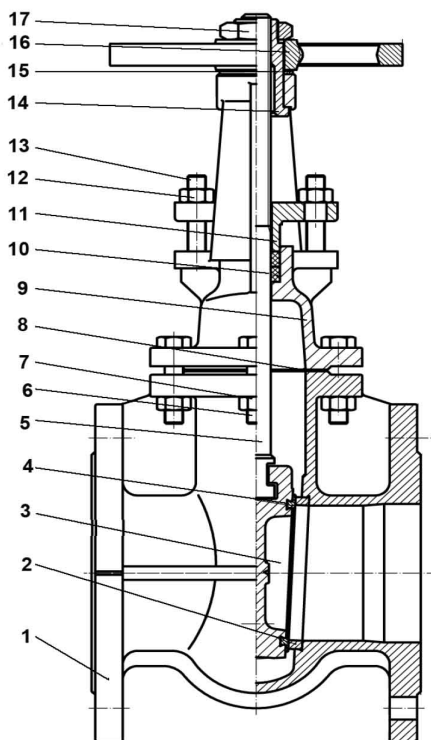
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CONSTRUCTION

Component	Coating
Body & bonnet	Epoxy liquid RAL 5015 100 microns
Handwheel	Epoxy RAL 5015 80 microns



Pos.	Description	Material	Equivalences		
			DIN	ASTM	BS
1	Body	Ductile iron EN-GJS-500-7	GGG 50 / DIN1693	ASTM 80-55-06	QT500-7
2	Seat	Cast brass	G-CuZn37Pb / DIN17656		ZCuZn40Pb2
3	Wedge	Ductile iron EN-GJS-500-7	GGG 50 / DIN1693	ASTM 80-55-06	QT500-7
4	Wedge seat ring	Cast brass	G-CuZn37Pb / DIN17656		ZCuZn40Pb2
5	Stem	Stainless steel	X20Cr13 / DIN17440		2Cr13
6	Bolt	Steel	RSt37-2 / DIN 17100		Q235
7	Nut	Steel	RSt37-2 / DIN 17100		Q235
8	Bonnet gasket	Graphite			LC35-999
9	Bonnet	Ductile iron EN-GJS-500-7	GGG 50 / DIN1693	ASTM 80-55-06	QT500-7
10	Packing	Graphite			LC35-999
11	Gland follower	Ductile iron EN-GJS-500-7	GGG 50 / DIN1693	ASTM 80-55-06	QT500-7
12	Nut	Steel	RSt37-2 / DIN 17100		Q235
13	Bolt	Steel	RSt37-2 / DIN 17100		Q235
14	Stem nut	Cast brass	G-CuZn37Pb / DIN17656		ZCuZn40Pb2
15	Handwheel gasket	Cast brass	G-CuZn37Pb / DIN17656		ZCuZn40Pb2
16	Handwheel	Cast iron EN-GJL-250	GG 25 / DIN1691	ASTM 35B	HT250
17	handwheel nut	Ductile iron EN-GJS-500-7	GGG 50 / DIN1693	ASTM 80-55-06	QT500-7

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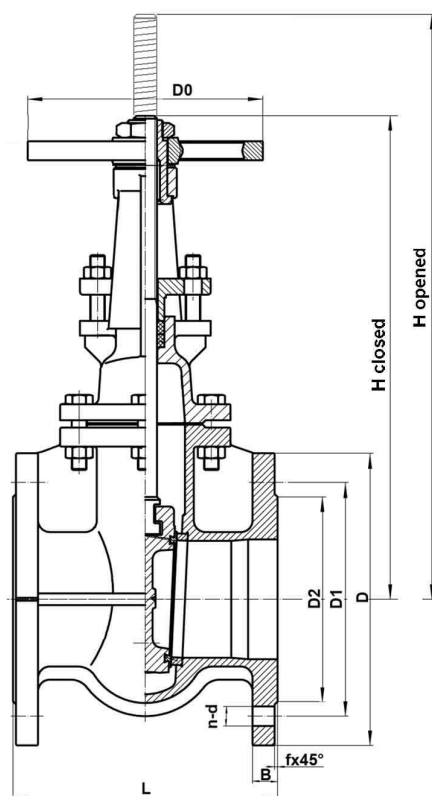


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DIMENSIONS



DN		L	Ø D	Ø D1	Ø D2	Ø D0	H closed	H opened	n-d	B	f	Weight (kg)
mm	inch											
200	8"	230	340	295	266	250	683	901	12-Ø23	21	3	77.5
250	10"	250	405	355	319	320	823	1093	12-Ø28	23	3	110
300	12"	270	460	410	370	320	952	1273	12-Ø28	24	4	155
350	14"	290	505	460	429	400	1134	1508	16-Ø23	26.5	4	245
400	16"	310	565	515	480	400	1286	1715	16-Ø28	28	4	324

WORKING CONDITIONS

Maximum working pressure : 10 bar
Maximum working temperature : + 180°C

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