

GATE VALVE WITH FLANGES SHORT PATTERN PN10 GZ1040F4CR

APPLICATION

Cutting fluid, simple industrial installation.
Central heating cold water low pressure.

GENERAL CHARACTERISTICS

Cast iron body, copper alloy seat.
Operating by handwheel - Non rising stem.
Flanged ends - PN 10.

CONSTRUCTION

10	1	Bonnet gasket	Graphite	
9	1	Handwheel	Cast iron EN-GJL-250	DIN: GG25 ASTM: A48 class 40B BS: 1452 Grade 250
8	1	Packing gland	Ductile iron EN-GJS-400-15	DIN: GGG50 ASTM: A536 65-45-12 BS: EN-JS1030
7	1	Packing	Graphite	
6	1	Gasket	Graphite	
5	1	Bonnet	Cast iron EN-GJL-250	DIN: GG25 ASTM: A48 class 40B BS: 1452 Grade 250
4	1	Stem	Stainless steel 420 X20Cr13	DIN: 1.4021 ASTM: A 276 AISI 420 BS: 420 S 37
3	1	Wedge	Cast iron / Copper alloy EN-GJL-250 / CuZn39Pb2	DIN: GG 25 / CuZn39Pb2 ASTM: A48 Class 40B / B124 C37700 BS: 1452 Grade 250 / 12164 CZ121
2	2	Seat	Copper alloy	
1	1	Body	Cast iron EN-GJL-250	DIN: GG25 ASTM: A48 class 40B BS: 1452 Grade 250
Pos.	Qty.	Description	Material	



DIMENSIONS

DN		L	Ø D	Ø K	n x Ø M	H	Ø P	Weight (kg)
mm	inch							
40	1"1/2	140	150	110	4 x Ø19	245	130	8,7
50	2"	150	165	125	4 x Ø19	255	130	10,8
65	2"1/2	170	185	145	4 x Ø19	277	130	12,8
80	3"	180	200	160	8 x Ø19	303	150	16,6
100	4"	190	220	180	8 x Ø19	340	185	22,8
125	5"	200	250	210	8 x Ø19	387	185	32,1
150	6"	210	285	240	8 x Ø23	545	195	42,9
200	8"	230	340	295	8 x Ø23	538	225	71,3
250	10"	250	395	350	12 x Ø23	629	245	98,0
300	12"	270	445	400	12 x Ø23	730	285	145,2
350	14"	290	505	460	16 x Ø23	870	400	211
400	16"	310	565	515	16 x Ø28	940	400	275

WORKING CONDITIONS

PS max : DN 40-300 : 10 bar
DN 350-400 : 4 bar
Maximum temperature : +120°C.

Pressure test according to standards
EN 12266-1, DIN 3230, BS 6755 and ISO 5208.

STANDARDS

Face to face according to standards EN 558-1 serie 14 and
DIN 3202 /F4 short pattern.
Flanges drilled according to standards EN 1092-2
and DIN 2501 : ISO PN 10.

