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GATE VALVE WITH FLANGES PN16

V 4246



Tecofi
FAREX FLUID SOLUTION DESIGNER

APPLICATION

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

GENERAL CHARACTERISTICS

Ductile iron body, copper alloy seat.
Operating by handwheel - Non rising stem.
Flanged ends - PN 16.

CONSTRUCTION

Rep. Pos.	Nb. Qty.	Description	Material
10	1	Bonnet Gasket	Graphite
9	1	Handwheel	Cast iron GG25
8	1	Packing gland	Ductile iron GGG50
7	1	Packing	Graphite
6	1	Gasket	Graphite
5	1	Bonnet	Ductile iron GGG50
4	1	Stem	Stainless Steel 416 X12CrS13
3	1	Wedge	Ductile iron / Copper alloy GGG50 / CuZn39Pb2
2	2	Seat	Copper alloy
1	1	Body	Ductile iron GGG50

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	454	195	42,9
200	8"	230	340	295	12 x Ø23	538	225	71,3
250	10"	250	405	355	12 x Ø28	629	245	98,0
300	12"	270	460	410	12 x Ø28	730	285	145,2

WORKING CONDITIONS

Maximum working pressure : 16 bar.
Maximum temperature : -10°C / +120°C.

Pressure test according to standards
EN 12266-1, DIN 3230, BS 6755 and ISO 5208 :
Body : 24 bar.
Seat : 17,6 bar.

STANDARDS

Face to face according to standards EN 558-1
serie 14 and DIN 3202/1 F4 short pattern.
Flanges drilled according to standards EN 1092-2
and DIN 2501 : ISO PN 16.

