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GATE VALVE

BOLTED BONNET

NCI - SS TRIM

SHORT TYPE F4

NON RISING STEM AND INDICATOR

W&O ITEM CODE : **973207**

DN40~600 / PN16

APPLICATION

Hot and cold water, waste water, oil, air and gases

MATERIAL SPECIFICATION

Body	GGG40.3	Nodular Cast Iron
Bonnet	GGG40.3	Nodular Cast Iron
Wedge (≤ 100)	AISI420	Stainless Steel
Wedge (> 100)	GGG40.3	Nodular Cast Iron
Seats	AISI304	Stainless Steel
Stem	AISI420	Stainless Steel
Bolts, nuts	A2	Steel
Bonnet gasket	-	Asbestos-free
Gland packing	PTFE	PolyTetraFluorEthylene

TECHNICAL FEATURES

Standard	DIN EN 1171 (DIN 3352 T2)
Face to Face	EN 558 Series 14 (DIN 3202 F4)
Flange dimension	DIN Flanges acc. to EN 1092-2/B (DIN 2501)
Flange connection	PN16

PRESSURE & TEMPERATURE RANGES

BORE	PRESS. RATING	Working press.[bar]		Hydro test press.[bar]	
		120°C	180°C	CASING	CLOSURE
DN40~175	PN16	16	10	24	17.6
DN200~250	PN10	10	6	16	11
DN300~350	PN6	6	4	9	6.6
DN400~600	PN4	4	2	6	4.4

DIMENSIONS

DN (mm)	Flange con.	ØD (mm)	L (mm)	H (mm)	ØR (mm)	PCD (mm)	N°holes (Ømm)	Weight (kg)
40	PN16	150	140	270	140	110	4x18	15
50	PN16	165	150	270	140	125	4x18	17
65	PN16	185	170	295	160	145	4x18	20
80	PN16	200	180	325	160	160	8x18	27
100	PN16	220	190	360	200	180	8x18	34
125	PN16	250	200	450	200	210	8x18	45
150	PN16	285	210	500	200	240	8x22	55
175	PN16	315	220	560	200	270	8x22	70
200	PN16	340	230	620	250	295	12x22	90
250	PN16	395	250	730	315	355	12x26	145
300	PN16	445	270	845	315	410	12x26	210
350	PN16	505	290	930	400	470	16x26	260
400	PN16	565	310	1015	400	525	16x30	330
450	PN16	615	330	1125	400	585	20x30	370
500	PN16	670	350	1275	500	650	20x33	520
600	PN16	780	390	1460	500	770	20x36	630

