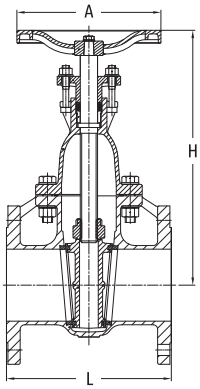
NRS METAL SEAT GATE VALVE

PN16 F23M16
PN25 F23M25

FEATURES & SPECIFICATIONS

- Non-rising stem
- Inside screw
- Bolted bonnet
- Metal seat design
- Durable fusion bonded epoxy coated
- Comply with BS 5150 / EN 1171
- Flange drilled to BS 4504 PN16 / EN 1092-2 PN16 / BS 4504 PN25 / EN 1092-2 PN25 / ANSI Class 150 (Specify on order)
- Applicable for Building Services, Air-Conditioning, Fire Protection, Cold Water Plumbing, Hot Water System, Water Supply Works, Water Treatment Plant, General Industries.





PRESSURE & TEMPERATURE RATINGS

Working Pressure	16bar	25bar
Shell Test Pressure (x1.5)	24bar	37.5bar
Seat Test Pressure (x1.1)	17.6bar	27.5bar
Working Temperature	-10°C ... 120°C	
Suitable Media	Water	

MATERIAL SPECIFICATIONS

Part	Material	Specification
Body	Ductile Iron (PN16) Cast Iron (PN25)	BS EN1563 EN-GJS-450-10 BS EN1561 EN-GJL-250
Disc	Ductile Iron (PN16) Cast Iron (PN25)	BS EN1563 EN-GJS-450-10 BS EN1561 EN-GJL-250
Stem	Stainless Steel 410	BS EN 10088 1.4021
Stem Nut	Brass Alloy	BS EN12164 CW720R
Sealing Ring	Graphite	
Bonnet	Ductile Iron (PN16) Cast Iron (PN25)	BS EN1563 EN-GJS-450-10 BS EN1561 EN-GJL-250
Bushing	Stainless Steel 304	BS970 304S15

Part	Material	Specification
Packing	Graphite	
Gland	Ductile Iron	BS EN1563 EN-GJS-450-10
Nut & Bolt	Stainless Steel 304 (PN16) Steel (PN25)	EN 10088-1 1.4301 BS970 Part1 080A15
Gasket	Stainless Steel 304	EN 10088-1 1.4301
Wedge Seal Ring	Brass	BS1400 LG2
Body Seal Ring	Brass	BS1400 LG2
Handwheel	Ductile Iron (PN16) Cast Iron (PN25)	BS EN1563 EN-GJS-450-10 BS EN1561 EN-GJL-250

DIMENSIONS (PN16)

(mm)

DN (mm)	50	65	80	100	125	150	200	250	300	350	400	450	500	600
DN (inch)	2	2½	3	4	5	6	8	10	12	14	16	18	20	24
L	178	190	203	229	254	267	292	330	356	381	406	432	457	508
H	260	281	306	354	413	454	559	630	704	850	940	1039	1134	1280
A	160	160	200	200	250	250	280	370	370	460	460	460	640	900

DIMENSIONS (PN25)

(mm)

DN (mm)	50	65	80	100	125	150	200	250	300	350	400	450	500	600
DN (inch)	2	2½	3	4	5	6	8	10	12	14	16	18	20	24
L	177.8	190	203.2	228.6	254	266.7	292.1	330.2	355.6	381	406.4	432	457	508
H	302	332	335	423	485	545	644	769	860	987	1044	1148	1257	1418
A	178	178	200	254	300	300	348	400	457	560	560	610	610	765

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