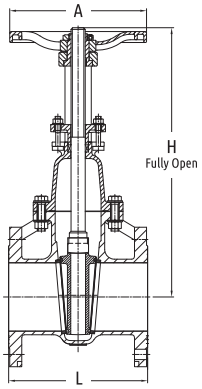
OS&Y METAL SEAT GATE VALVE

PN16 F23MR16
PN25 F23MR25

FEATURES & SPECIFICATIONS

- Rising stem, Outside Screw & Yoke (OS&Y)
- 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 (PN16) Brass (PN25)	BS970 420S29 BS2874 CZ122
Sealing Ring	Graphite	
Bonnet	Ductile Iron (PN16) Cast Iron (PN25)	BS EN1563 EN-GJS-450-10 BS EN1561 EN-GJL-250
Packing	Graphite	
Gland	Ductile Iron	BS EN1563 EN-GJS-450-10

Part	Material	Specification
Stem Nut	Brass Alloy	BS EN12164 CW720R
Washer	Brass	BS1400 LG2
Bolt	Stainless Steel 304 (PN16) Steel (PN25)	EN 10088-1 1.4301 BS970 Part1 080A15
Nut	Stainless Steel 201 (PN16) Steel (PN25)	EN 10088-2 1.4372 BS970 Part1 080A15
Screw	Stainless Steel 304	EN 10088-1 1.4301
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	325	369	438	507	617	728	920	1113	1292	1641	1828	2047	2246	2632
A	160	160	200	200	250	250	280	370	370	640	640	720	720	720

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	215.9	241.3	282.5	304.8	381	403.2	419.1	457	502	381	406	432	457	508
H	385	437	493	611	716	813	1023.5	1211	1386	1641	1828	2047	2246	2632
A	175	200	254	300	300	348	400	457	457	640	640	720	720	720

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