OS&Y METAL SEAT GATE VALVE

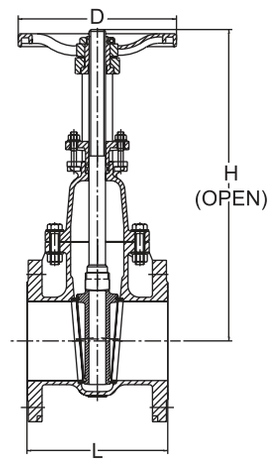
PN16 F23MR16
PN25 F23MR25

FEATURES & SPECIFICATIONS

- Rising stem, Outside Screw & Yoke (OS&Y)
- Bolted bonnet
- Metal seat design
- Painted body
- 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, Oil & Gas	



MATERIAL SPECIFICATIONS

Part	Material	Specification
Body	Cast Iron	EN-JL 1040
	Ductile Iron	EN-JL 1050
Bonnet	Cast Iron	EN-JL 1040
	Ductile Iron	EN-JL 1050
Disc	Cast Iron	EN-JL 1040
	Ductile Iron	EN-JL 1050
Stem	Stainless Steel	BS970 420S37
Seat Ring	Bronze	
Packing	Graphite	Non-Asbestos
Handwheel	Ductile Iron	EN-JS 1050

DIMENSIONS

(mm)

DN (mm)	50	65	80	100	125	150	200	250	300	350	400	450	500	600
(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 (Open)	375	422	475	606	683	828	1003	1211	1421	1641	1828	2047	2246	2632
D	160	160	200	200	250	250	280	370	370	640	640	720	720	720