

FM124 / FM125

Resilient Seated Gate Valve



FM125

PN16

Features & Benefits

- Manufactured in accordance with BS EN 1074 for quality assurance
- Handwheel (FM124) or Stem Adaptor (FM125) version available
- WRAS Approved product to 23°C for potable water applications, maximum temperature rating 80°C
- WRAS listed fusion bonded epoxy coating, minimum thickness 250 micron and corrosion resistant construction
- Manufactured from Ductile Iron EN1563 EN-GJS-500-7 for improved durability
- Ductile iron disc encapsulated with EPDM WRAS elastomer for improved isolation

Materials

PART	MATERIAL	SPECIFICATION	QTY
Body	Ductile Iron	EN1563 EN-GJS-500-7	1
Disc	Ductile Iron / EPDM	EN1563 EN-GJS-500-7 / BS EN 681 - I	1
Stem	SS431	-	1
Bonnet	Ductile Iron	EN1563 EN-GJS-500-7	1
Bonnet Gasket	EPDM	BS EN 681 - I	1
O-Ring	EPDM	BS EN 681 - I	4
Gasket	Nylon 1010	-	2
Bush	DZR Brass	BS EN 12165 CW602N	1
Pin	SS304	-	1
Handwheel	Ductile Iron	EN1563 EN-GJS-500-7	1
Cap	Ductile Iron	EN1563 EN-GJS-500-7	1

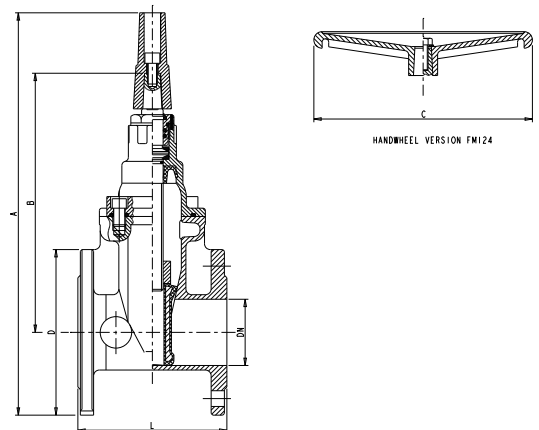


FM124



GENERAL VALVES

Dimensional Drawing



Dimensions & Weights

SIZE (DN)	A (mm)	B (mm)	C (mm)	D (mm)	L (mm)	WEIGHT (kg)	
						HANDWHEEL	CAP
50	460	269	200	165	178	13.55	12.00
65	485	300	200	185	190	17.85	16.00
80	530	336	260	200	203	21.20	20.00
100	590	359	260	220	229	25.20	24.00
125	640	424	315	250	250	34.10	32.00
150	695	441	375	285	285	44.20	41.00
200	830	546	375	340	340	66.80	63.00
250	940	637	400	405	405	117.60	114.00
300	1030	719	500	460	460	173.00	168.00

PRESSURE RATING: PN16

TEMPERATURE RATING: 0°C to 80°C (WRAS 0°C to 23°C)

END CONNECTIONS: Flanged in accordance with BS EN 1092-2

OPERATOR: FM124 Handwheel / FM125 Stem Adaptor

SPECIFICATION: Valves are manufactured in accordance with BS EN 1074 Parts 1 and 2. Face to face is in accordance with BS5163 and EN 558 series 3. Valves are supplied with drilled pipe end flanges.

Stem adaptor in accordance with BS1074 design standards for operation using a standard waterworks tee-key.

The grade of Ductile Iron used for the body, bonnet and disc castings shall be BS EN 1563 EN-GJS-500-7.

These valves fall into the SEP category and as such do not require CE markings or notified body markings.

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