

FM124 / FM125

Resilient Seated Gate Valve



PN16

Features & Benefits

- Manufactured in accordance with BS EN 1074 for quality assurance
- Handwheel (FM124) or Stem Adaptor (FM125) version available
- WRAS approved product up to 80°C. Components and coating WRAS approved to 85°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
- 5 internal O-Rings and 1 additional wiper seal preventing ingress and improving functional versatility.

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	SS420	-	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	5
Wiper Seal	EPDM	-	1
Thrust Nut / Washer	DZR Brass	BS EN 12165 CW602N	1
Stem Nut	SS304	-	1
Handwheel	Ductile Iron	EN1563 EN-GJS-500-7	1
Cap	Ductile Iron	EN1563 EN-GJS-500-7	1

Dimensions & Weights

SIZE (DN)	A (mm)	B (mm)	C (mm)	D (mm)	L (mm)	WEIGHT (kg)	
						HANDWHEEL	CAP
50	300	205	200	165	178	9.7	9.3
65	354	250	200	185	190	12.5	12.1
80	371	260	254	200	203	14.8	13.9
100	421	300	254	220	229	20.8	20.1
125	471	335	315	250	254	25.3	23.9
150	534	380	315	285	267	33.0	31.6
200	669	488	315	340	292	52.2	50.7
250	807	592	406	405	330	84.1	81.3
300	921	680	406	460	356	114.2	111.4

PRESSURE RATING: PN16

TEMPERATURE RATING: 0°C to 85°C (WRAS approved to 80°C)

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

OPERATOR: FM124 Handwheel / FM125 Stem Adaptor

SPECIFICATION: Ductile Iron Resilient Seated Gate Valve designed in accordance with BS EN 1074-1, 1074-2 and BS 5163. Designed with GGG50 Ductile Iron Body, Bonnet, Disc, and SS Stem for improved durability, and superior sealing performance with 5 O-Rings and 1 additional Wiper Seal.

WRAS approved up to 80°C for use with potable water applications. Internal components and coating WRAS approved up to 85°C. EN 558 Series 3 face to face supplied as standard. Series 14 available upon request.

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



Dimensional Drawing

