

Fig.589 HW / Fig.589 SA Resilient Seated Gate Valve



FEATURES & BENEFITS

- Manufactured in accordance with BS EN 1074 for quality assurance
- Handwheel (Fig. 589 HW) or Stem Adaptor (Fig. 589 SA) 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

MATERIAL SPECIFICATION

Component	Material	Specification	Qty
Body	Ductile Iron	EN1563 EN-GJS-500-7	1
Disc	Ductile Iron / EPDM	BS EN 1561 EN-GJL-250	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



PRESSURE/ TEMPERATURE RATING

PN16 / 0 to 80°C
(WRAS 0°C to 23°C)

END CONNECTION

Flanged to BS EN 1092-2

OPERATOR

Fig. 589 HW Handwheel
/ Fig. 589 SA Stem Adaptor

SPECIFICATION

Valves are manufactured in accordance with BS EN 1074 Parts 1 and 2. Face to face is in accordance with BS1563 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.

DIMENSIONS & WEIGHTS

Size (DN)		50	65	80	100	125	150	200	250	300
A	mm	460	485	530	590	640	695	830	940	1030
B	mm	269	300	336	359	424	441	546	637	719
C	mm	200	200	260	260	315	375	375	400	500
D	mm	165	185	200	220	250	285	340	405	460
L	mm	178	190	203	229	254	267	292	330	356
Weight	kg									
Handwheel		13.55	17.85	21.20	25.20	34.10	44.20	66.80	117.60	173.00
Cap		12.00	16.00	20.00	24.00	32.00	41.00	63.00	114.00	168.00

DIMENSIONAL DRAWING

