



Butterfly Double Regulating Valve PN16 Fig. VA260

Specification

- ✓ Design Standard: BS EN 593
- ✓ Face-to-Face: BS EN 558
- ✓ Flange Compatibility: BS EN 1092-2, PN16
- ✓ Pressure Testing: BS EN 12266-1
- ✓ Maximum Working Pressure: 16 bar
- ✓ Working Temperature: -20°C to 110°C
- ✓ Flow Measurement Accuracy: ±5%

Material Specification

Part Name	Material	Specification
Body	Cast Iron	BS EN 1561 – EN-GJL-250
Disc	Ductile Iron	BS EN 1563 – EN-GJS-400-15
Seat	EPDM / NBR / FKM	EN 681-1
Stem	Stainless Steel	BS EN 10088-3 – 1.4401 (316)
Stem Bearing	PTFE	BS EN ISO 12086-1
O-Ring	EPDM / NBR / FKM	EN 681-1
Gear Operator	Cast Iron	BS EN 1561 – EN-GJL-250

Corrosion Protection

WRAS Listed Fusion Bonded Epoxy Coating with a minimum thickness of 250 microns for excellent corrosion resistance

Main Dimensions (mm)

Size	DN50	DN65	DN80	DN100	DN125	DN150	DN200	DN250	DN300	DN350	DN400	DN450	DN500	DN600
Face to face	42	44.5	44.5	51	54.5	54.5	59.6	67	75.5	75.5	102	114	127	151
H1	141.2	150.4	156.4	167.9	186.5	205.7	230.6	269.9	327.8	368	400	422	480	562
H2	86.6	76	95	110	129.4	142	176	212	248.5	267	309	327	361	459
L1	195	195	195	266	266	328	328	-	-	-	-	-	-	-
H	56	56	56	56	56	56	56	57.6	57.6	75	75	98	98	102
L2	51	51	51	51	51	51	51	61	61	67.5	76.5	110	110	97.5
L3	155	155	155	155	155	155	155	228	228	191	191	170	170	342
Φ	150	150	150	150	150	150	150	280	280	280	385	385	385	385

STANDARD

Design: BS EN 593
Face to Face : BS EN 558
Flange Compatibility: BS EN 1092-2, PN16

PRESSURE/ TEMPERATURE RATING

- ✓ 16 bar from -10°C to 120°C
WRAS Approved to -10°C to 85°C

HYDROSTATIC TEST PRESSURE

- ✓ Shell - 24 bar
- ✓ Seat - 17.6 bar

Features & Benefits

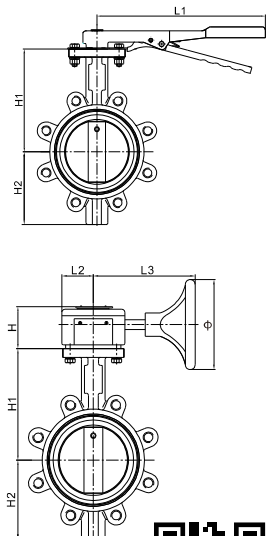
- ✓ Precise flow regulation and balancing
- ✓ Integrated pressure test points for flow measurement
- ✓ Memory stop for repeatable valve setting
- ✓ Low operating torque for smooth operation
- ✓ Replaceable resilient seat for easy maintenance
- ✓ Compact wafer design for easy installation
- ✓ Suitable for bidirectional flow

Flange Connexion

BS EN 1092-2 PN10/PN16

APPLICATION

HVAC, chilled water and hydronic balancing systems



Notes

Specifications, materials and dimensions shown are subject to change without prior notice

