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'LT' pinless disk



Butterfly Valves

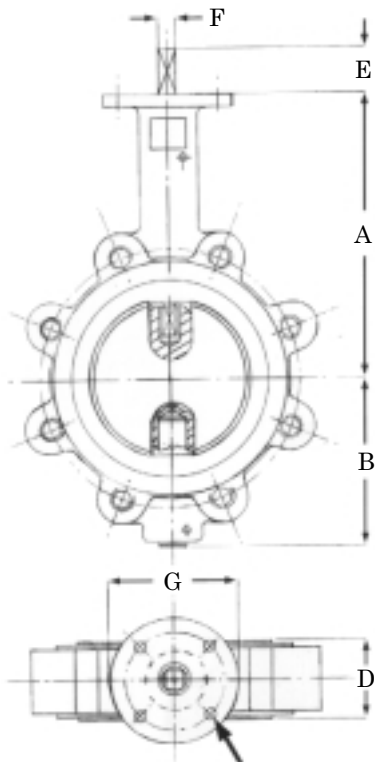
FEATURES AND BENEFITS

- Robust and compact
- Maintenance free with self-lubricating bearings
- Smooth, ¼ turn operation
- Bi-directional with "Zero" leak
- Wafer lug body eliminates use of gaskets
- Long neck to accommodate insulation
- Mounting flange dimensions and drilling in accordance with ISO Standard 5211/1
- Lugged body facilitates end of line service
- Replaceable phenolic backed liner
- Standard 10 and 16 bar working pressures
- Standard temperatures minus 15°C to plus 105°C
- Higher temperatures and pressures on request
- Full throttling capability
- Easy and economical to install with electric / pneumatic / hydraulic actuators and accessories

Available from:

We reserve the rights to alter dimensions and/or materials of construction at any time, without notice. Please refer to us when purchasing if any detail is critical to selection.

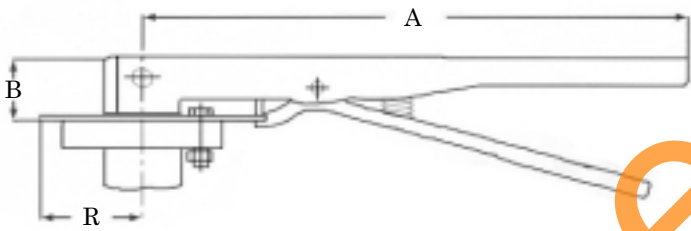
DIMENSIONS AND WEIGHTS



4 - H dia holes on J bolt circle

Size DN	Dimensions - mm									Approx Weight kg
	D ₂	A	B	D*	E	F	G	H	J	
50	4-M16 on 125	161	87	43	32	8.98	92	10	70	4
65	4-M16 on 145	175	96	46	32	8.98	92	10	70	4
80	8-M16 on 160	181	102	46	32	8.98	92	10	70	5
100	8-M16 on 180	200	121	52	32	10.98	92	10	70	9
125	8-M16 on 210	213	134	56	32	13.98	92	10	70	11
150	8-M20 on 240	226	146	56	32	13.98	92	10	70	14
200	8-M20 on 295	260	182	60	38	16.98	125	12	102	18
250	12-M20 on 350	292	204	68	38	21.97	125	12	102	26
300	12-M20 on 400	337	243	78	38	21.97	125	12	102	40
350	16-M20 on 460	368	279	78	38	21.97	125	12	102	53

* Face to face dimensions are for installed conditions with liner compressed. Free length exceeds this dimension by approximately 2 to 4mm depending upon valve size



Size DN	A	B	R	kg
50-150	267	32	51	0.9
200-300	359	38	76	2.3

TECHNICAL DATA AND MATERIALS SPECIFICATIONS

General	SLIM 'LT' pinless disk butterfly valves comply with american standards MSS SP67 and API 609 and generally conform to EN 593. They are designed to fit without gaskets between flanges drilled to the following specifications, SABS 1123 NP1600 and BS 4505 PN16 sizes DN50 to DN 150 and SABS 1123 NP1000 and BS 4504 PN10 sizes DN200 to DN350. Other flange drillings on request.
Body	Cast Iron to ASTM A126 Class B..
Liner	EPDM liner is bonded to a rigid phenolic backing ring to form a non-collapsible blow-out proof seat. Liner protrudes over body to provide self-sealing joint with mating flanges. Other liner materials on request.
Disks	316 Stainless Steel to ASTM A351 Gr. CF8M. Other disk materials on request. The disk edge profile assures minimum operating torque. All disks are driven by square drive shafts.
Shaft	Stainless Steel Type 316 for CF8M disks.
Shaft seals	Smooth finished disk flats "mate" with liner flats to give highly efficient primary seals. In addition in the shaft hole areas pressure surge rings are moulded integral with liner forming secondary seals. A shaft weather seal is located near the mounting flange.
Bare shaft	All sizes available with bare shaft for fitting proprietary actuators or preferred alternative operating mechanisms.
Trigger lever	DN50 to DN300 - incorporates a spring loaded trigger enabling the disk to be set in a number of intermediate positions from fully open to fully closed.
Coating	All valves are finished in protective green epoxy coating
Tagging	Valves may be tagged to customers' specifications.
Markings	To EN 593 specifications