

SPECIFICATION

FLANGED TO BS 4504 PN16/25, ISO 7005-2, JIS10/16K, ANSI Class 125/150.

FACE-TO-FACE DIMENSION TO ISO 5752/ BS 5155 / BS EN 593/ MSS SP-67/ API 609.

LEVER / WORM GEAR OPERATOR.

PRESSURE/TEMPERATURE RATINGS

Working pressure	16/25 bar
Testing Pressure	Shell: 24/37.5 bar, Seat: 17/26 Bar
Working temperature	-20°C to 110°C EPDM Seat -10°C to 80°C NBR Seat
Suitable Media	

MATERIALS

Part	Material	ASTM Spec.	EN Spec.
Body	Ductile Iron	A536 65-45-12	1563 EN-JS1050
Disc	Ductile Iron	A536 65-45-12	1563 EN-JS1050
	Stainless Steel 304	A531 CF-8	970 304 C15
Shaft	Stainless Steel 410	A276 S 410 00	970 410 S21
	Stainless Steel 431	A276 S 431 00	970 431 S29
Seat Ring	EPDM / NBR		
Taper Pins	Stainless Steel 304	A276 S 304 00	970 304 S15
Key	Carbon Steel		
O-Ring	EPDM / NBR		
Bushing	PTFE		
	Bronze	B62 C83600	1400 LG2
Painting	Blue Epoxy Power Coating		

DIMENSIONS

Size (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	Cv (90°C)
50	42	80	161	266	272	173	150	135
65	46	89	175	266	287	173	150	220
80	46	95	181	266	292	173	150	302
100	52	114	200	266	310	173	150	600
125	55	127	213	266	325	173	150	1022
150	56	139	226	226	338	173	150	1579
200	62	175	260	355	452	239	302	3136
250	67	203	292	505	485	239	302	5340
300	77	242	337	505	526	226	302	8250
350	78	267	368	-	556	226	302	11917
400	87	309	400	104	328	104	302	16388
450	106	328	422	104	328	104	302	21705
500	132	361	480	142	328	145	302	27908
600	152	459	562	142	394	145	391	43116

Note:

1. A: Face to face.
2. JIS B2043 10K and other flange standards available upon request.
3. If used for gas application, please consult our sales office.
4. Design and specifications are subject to change without prior notice.

