



Design	EN 1171
Flange	EN 1092-2
Face To Face	EN558-1 Series 3/14/15
Tests	EN 12266-1
Reference Standard	
Drive Form	Handwheel
Medium	Water
Temperature	0-80°C
Seal Test	11/18/28Bar
Body Test	15/24/38Bar
PN	10/16/25Bar
DN	DN40-DN500

Main Technical Parameters		
18	Disc core	DUCTILE IRON
17	Washer	PHENOLIC PF
16	O Ring	NBR
15	O Ring	NBR
14	Gasket	POM
13	Yoke	DUCTILE IRON
12	Friction Pads	AISI304 STAINLESS STEEL
11	Stem Nut	CuZn39Pb1 Brass
10	Handwheel	DUCTILE IRON
9	Nut	AISI304 STAINLESS STEEL
8	Washer	AISI304 STAINLESS STEEL
7	Bolt	AISI304 STAINLESS STEEL
6	Gland	DUCTILE IRON
5	Bonnet	DUCTILE IRON
4	Stem	AISI420 STAINLESS STEEL
3	Bonnet Gasket	NBR
2	Disc	EPDM+DUCTILE IRON
1	Body	DUCTILE IRON

No.	Name	Materials
Assembly Drawing		

DN	OUTLINE mm			M	H	Flange EN1092-2 / BS4504, PN10/16					Flange EN1092-2 / BS4504, PN25					number of turns
	DIN-F5					D	K	n-d	B	f	D	K	n-d	B	f	
	L															
40	240	Ø200	290	150	110	4-Ø19	19	3	150	110	4-Ø19	19	3	14		
50	250	Ø200	290	165	125	4-Ø19	19	3	165	125	4-Ø19	19	3	14		
65	270	Ø200	350	185	145	4-Ø19	19	3	185	145	8-Ø19	19	3	17		
80	280	Ø200	375	200	160	8-Ø19	19	3	200	160	8-Ø19	19	3	20		
100	300	Ø254	450	220	180	8-Ø19	19	3	235	190	8-Ø23	19	3	21		
125	325	Ø315	510	250	210	8-Ø19	19	3	270	220	8-Ø28	19	3	26		
150	350	Ø315	585	285	240	8-Ø23	19	3	300	250	8-Ø28	20	3	26		
200	400	Ø315	735	340	295	8-Ø23/12-Ø23	20	3	360	310	12-Ø28	22	3	34		
250	450	Ø406	875	405	350/355	12-Ø23/12-Ø28	22	3	425	370	12-Ø31	24.5	3	43		
300	500	Ø406	1015	460	400/410	12-Ø23/12-Ø28	24.5	4	485	430	16-Ø31	27.5	4	51		
350	550	Ø500	1210	520	460/470	16-Ø23/16-Ø28	26.5	4	555	490	16-Ø34	30	4	51		
400	600	Ø500	1335	580	515/525	16-Ø28/16-Ø31	28	4	620	550	16-Ø37	32	4	58		
450	650	Ø650	1515	640	565/585	20-Ø28/20-Ø31	30	4	—	—	—	—	—	65		
500	700	Ø650	1600	670/715	620/650	20-Ø28/20-Ø34	31.5	4	—	—	—	—	—	73		

\* tolerance to ISO standard subject to change without prior notice