



STANDARD MATERIALS OF MAIN PARTS

PART NAME	MATERIAL
Body	Cast Iron, Ductile Iron, Carbon Steel, Stainless Steel
Seat	NBR, EPDM, Viton, Neoprene, Hypalon, Silicon
Shaft	Stainless Steel 416, 316
Disc	Ductile Iron+Ni, CF8, CF8M, Bronze
Pin	Stainless Steel
Bushing	PTFE, Bronze
O Ring	NBR, EPDM

DIMENSIONS AND WEIGHTS

Nominal diameter DN (mm)	Size (mm)										
	L	H ₁	H ₂	D		D ₁		D ₂	n-φ2		b
				10kg	16kg	10kg	16kg		10kg	16kg	
50	108	221	70	165	165	125	125	102	4-18	4-18	20
65	112	240	70	185	185	145	145	122	4-18	4-18	20
80	114	255	70	200	200	180	180	133	4-18	8-18	22
100	127	285	70	220	220	180	180	158	8-18	8-18	24
125	110	326	70	250	250	210	210	184	8-18	8-18	26
150	140	365	70	285	285	240	240	212	8-22	8-22	28
200	152	430	80	340	340	295	295	268	8-22	12-23	28
250	165	495	80	395	405	350	355	320	12-22	12-26	30
300	178	550	85	445	460	400	410	370	12-22	12-26	30
350	190	610	85	505	520	460	470	430	16-22	16-26	30
400	216	680	185	585	580	515	525	484	16-26	16-30	32
450	222	750	185	615	640	565	585	532	20-26	20-30	32
500	229	841	190	670	715	620	650	585	20-26	20-33	34
600	267	1021	190	780	840	725	770	685	20-30	20-36	36
700	292	1050	240	895	910	840	840	800	24-30	24-36	40
800	318	1080	240	1015	1026	950	950	905	24-33	24-36	42