

APPLICATION

General uses: drinkable water, dirty fluids, industry.

GENERAL CHARACTERISTICS

Design according to NF EN 12334.
Range : from DN 200 to DN 1000.
Epoxy coated body RAL 5019 thickness 200 microns.
Low head losses.
Maintenance free.
Mounting horizontally or vertically.
Bearings self lubricated.
With or without counterweight.

CONSTRUCTION

9	2	Pin	Stainless steel 420
8	4	Key	Stainless steel 420
7	1	Counterweight	Cast iron GG 25
6	1	Lever	Welded steel
5	1	Seal ring	EPDM
4	2	Bearing	Al-Bronze
3	2	Shaft	Stainless steel 420
2	1	Disc	Ductile iron GGG50
1	1	Body	Ductile iron GGG50
Pos.	Qty	Description	Material

DIMENSIONS

DN	ØD1	ØD2		ØD3		n x Ød		B	L	f	H	K	L1	L2	L3	E	Weight (kg)
		PN10	PN16	PN10	PN16	PN10	PN16										
200	340	295	295	266	266	8 x Ø23	12 x Ø23	20	230	3	350	200	260	240	180	50	43
250	405	350	355	319	319	12 x Ø23	12 x Ø28	22	250	3	420	300	294	285	247	62,5	68
300	460	400	410	370	370	12 x Ø23	12 x Ø28	24,5	270	3	480	300	321	314	247	75	91
350	520	460	470	429	429	16 x Ø23	16 x Ø28	26,5	290	4x45°	530	350	383	360	300	70	132
400	580	515	525	480	480	16 x Ø28	16 x Ø31	28	310	4x45°	590	400	414	389	340	80	173
450	640	565	585	530	548	20 x Ø28	20 x Ø31	30	330	4x45°	650	450	469	444	356	90	252
500	715	620	650	582	609	20 x Ø28	20 x Ø34	31,5	350	4x45°	723	500	521	487	395	100	304
600	840	725	770	682	720	20 x Ø31	20 x Ø37	36	390	4x45°	850	600	572	502	471	120	457
700	910	840	840	794	794	24 x Ø31	24 x Ø37	39,5	430	4x45°	920	700	635	595	546	140	627
800	1025	950	950	901	901	24 x Ø34	24 x Ø41	43	470	4x45°	1035	800	711	680	610	160	861
900	1125	1050	1050	1001	1001	28 x Ø34	28 x Ø41	46,5	510	4x45°	1135	880	963	898	657	150	1193
1000	1255	1160	1170	1112	1112	28 x Ø37	28 x Ø44	50	550	4x45°	1265	1000	945	890	752	200	1540

WORKING CONDITIONS

Maximum working pressure : 16 bar.
Maximum temperature : -10°C / + 80°C.

AGREEMENT AND TESTING

Test procedures are established according to BS 6755.
Face to face according to NF EN558-1 serie 14,
DIN 3202/1 serie F4.
Flanges drilled according to EN 1092-2, ISO 2531 and
DIN 2501 : ISO PN10/16.

