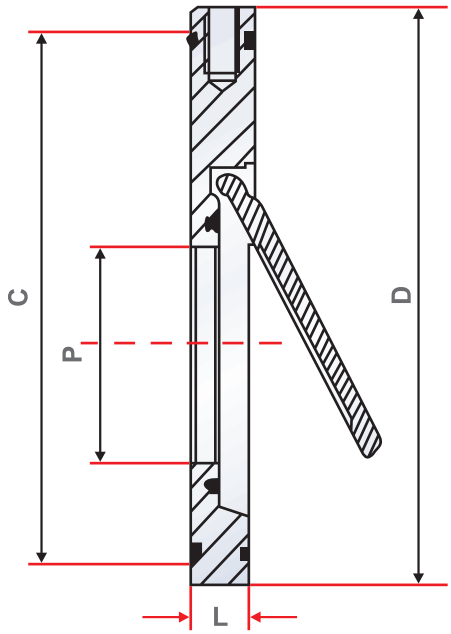
THIN WAFER SWING CHECK VALVE

Description:

1. Design and manufacture: AP16D
2. Face to Face: AP16D
3. Test and check: AP 1598
4. Suitable Temperature: NBR: -10~-80°C; EPDM: -10~-120°C; VITON: -10~-150°C
5. Media: Fresh water, Sea water, Washer water, Food stuff, All kinds of oil, Weak acid and Alkaline liquid etc.



MATERIALS LIST

PART	TYPE A	TYPE B
BODY	*STEEL	316SS
DISC	*STEEL	316SS
SEAT RING	NBR / EPDM	VITON
FLANGE RING	NBR / EPDM	VITON

*STEEL IS GALVINISED OR CHROME PLATED

DIMENSIONS (mm)

DN	D			P	L	
	PN16	Table D	ANSI 125/150		PN16	ANSI 150
40	92	85	82	22	14	19
50	107	96	104	32	14	19
65	127	109	124	40	14	19
80	142	128	136	54	14	19
100	162	160	174	70	18	19
125	192	191	196	92	18	19
150	218	217	222	114	20	19
200	273	274	279	154	22	29
250	329	333	340	200	26	29
300	384	384	410	235	28	38
350	444	445	451	280	38	44
400	491	196	514	316	44	51
450	550	555	546	360	50	60
500	610	610	603	405	56	64
600	724	720	714	486	62	70

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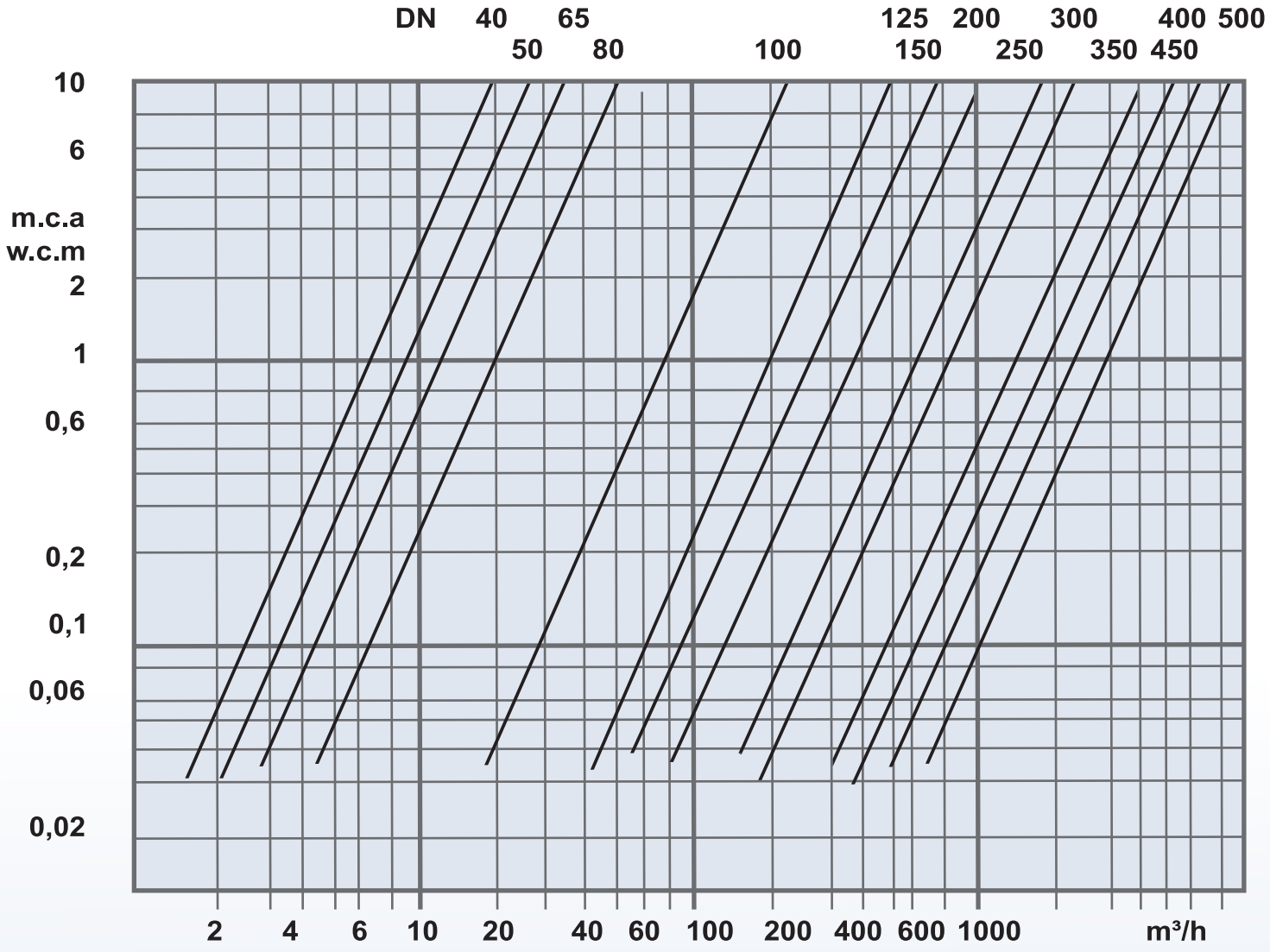
Head losses chart refers to water at 20°C for different mediums the equivalent water flow can be found by the following relationship

$$Qe = Q\sqrt{\frac{d}{1000}}$$

ove: Qe = equivalent water flow [m³/h}
Q = medium flow at working conditions
d = medium density [kg/m³]



notes: - w.c.m. = water column meter