

TILTING CHECK VALVE / 2280



PN10-16
DN200 → DN1600

PRODUCTION STANDARDS

DESIGN	TS EN 12334
END CONNECTION	FLANGED TS EN 1092-2 / ISO 7005-2
FACE TO FACE	TS EN 558 Seri 14 / DIN 3202 F4
TEST	TS EN 12266-1
MARKING	TS EN 19

FEATURES

- FAF2280 Tilting Check Valve, while allowing the flow moving to the desired flow direction, stops the flow when exposed to back flow
- With the start of movement at defined flow direction on the system, the disc leaves the flow section by turning in its axis and allows the flow pass.
- When the flow stops, the disc sits on the machined sealing seat through by force of extra weight and maintains %100 tight sealing.
- The body and the disc can be manufactured as cast iron and ductile iron and sealing seats are manufactured from stainless steel.
- Hydraulic brake system can be assembled to disc closer unit if it is required at project. The rate of closure can be controlled due to tilting check valve with hydraulic brake system and the system passes to static position slightly. The installation equipment protected from impact strength.

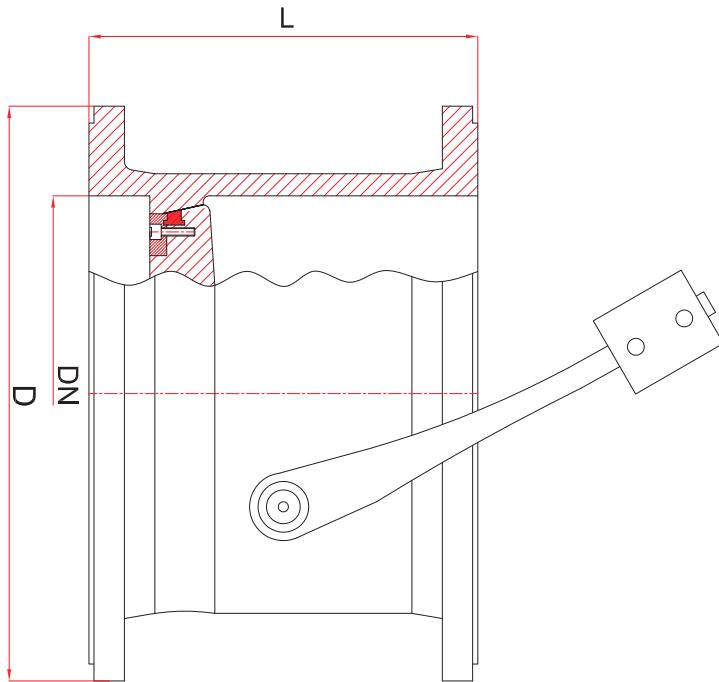
APPLICATIONS

Steam, Superheated Water, Hot Water, Cold Water, Fluids without acidity or alkalinity properties, Chemicals

TEMPERATURE

+140 °C

TECHNICAL DRAWING



MATERIAL SELECTION

BODY	EN-GJS-400 DUCTILE IRON (GGG40)
DISC	1.4301 - AISI 304 STAINLESS STEEL
STEM	1.4021 - AISI 420 STAINLESS STEEL
SEALING	GRAPHITE
COATING	INDUSTRIAL EPOXY

DN	PN 10						PN 16					
	DIMENSION		RATINGS	STUD SIZE	BOLT/NUT QTY	FASTENING MOMENT Nm	DIMENSION		RATINGS	STUD SIZE	BOLT/NUT QTY	FASTENING MOMENT Nm
	mm	D	L				Weight Kg	D	L			
200	340	230	57	M20X90	8X2	400	340	230	57	M20X90	12X2	400
250	395	250	70	M20X100	12X2	400	405	250	70	M24X100	12X2	691
300	445	270	120	M20X100	12X2	400	460	270	130	M24X100	12X2	691
350	505	290	150	M20X110	16X2	400	520	290	162	M24X110	16x2	691
400	565	310	190	M24X120	16X2	691	580	310	198	M27X120	16x2	1010
450	615	330	210	M24X120	20X2	691	640	330	225	M27X120	20X2	1010
500	670	350	220	M24X130	20X2	691	715	350	240	M30X130	20X2	1370
600	780	390	330	M27X140	20X2	1010	840	390	365	M33X140	20X2	1900
700	895	430	450	M27X140	24X2	1010	910	430	490	M33X140	24X2	1900
800	1015	470	665	M30X150	24X2	1370	1025	470	705	M36X150	24X2	2400
900	1115	510	880	M30X160	28X2	1370	1125	510	957	M36X160	28X2	2400
1000	1230	550	1130	M33X180	28X2	1900	1255	550	1246	M39X180	28X2	3200
1200	1455	630	1623	M36X200	32X2	2400	1485	630	2070	M45X200	32x2	3850
1400	1675	710	2400	M39X200	36X2	3200	1685	710	3000	M45X200	36x2	3850
1500	1785	750	3050	M39X210	36X2	3200	1820	750	3813	M52X210	36x2	6000
1600	1915	790	3800	M45X210	40X2	3850	1930	790	4750	M52X210	40x2	6000