

SWING CHECK VALVE / 2270



PN 16
DN50 → DN300

PRODUCTION STANDARDS

DESIGN	TS EN 12334
END CONNECTION	FLANGED TS EN 1092-2 / ISO 7005-2
FACE TO FACE	TS EN 558 Seri 48 / DIN 3202 F6
TEST	TS EN 12266-1
MARKING	TS EN 19

FEATURES

- FAF2270 Swing Check Valve, while allowing the flow moving to the desired flow direction, stops the flow when exposed to backflow
- The disc hinged inside the body is placed within the flow section
- 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 its own weight and maintains %100 tight sealing
- Valve body and disc is cast iron, sealing surfaces are made of brass material
- Head loss is lower compared to other check valve types
- Coated with fusion bonded epoxy

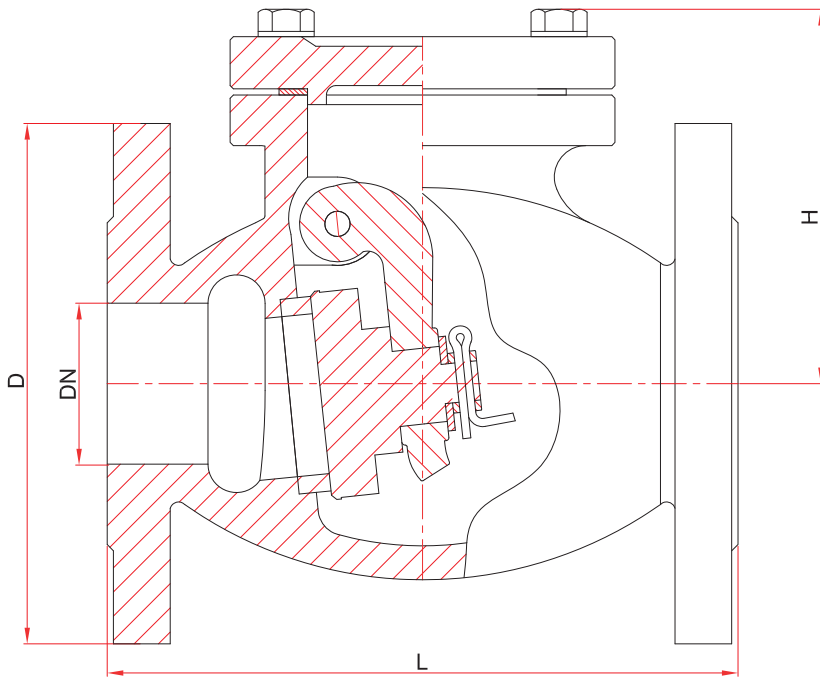
APPLICATIONS

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

TEMPERATURE

+200 °C

TECHNICAL DRAWING



MATERIAL SELECTION

BODY	EN-GJL-250 CAST IRON (GG25)
DISC	1.4301 - AISI 304 STAINLESS STEEL
STEM	1.4021 - AISI 420 STAINLESS STEEL
SEALING	GRAPHITE
COATING	INDUSTRIAL EPOXY ELECTROSTATIC POWDER EPOXY

DN	DIMENSION			RATINGS		STUD SIZE	BOLT/NUT QTY	FASTENING MOMENT Nm	WRENCH SIZE (mm)
	mm	D	L	H	KV m ³ /h				
40	150	180	105	90	9	M16X65	4X2	205	24
50	165	200	118	160	11,5	M16X65	4X2	205	24
65	185	240	145	272	16,3	M16X65	4X2	205	24
80	200	260	150	410	20,3	M16X70	8X2	205	24
100	220	300	160	630	28,2	M16X75	8X2	205	24
125	250	350	190	1000	42,6	M16X80	8X2	205	24
150	285	400	200	1450	57	M20X80	8X2	400	30
200	340	500	245	2500	90,9	M20X90	12X2	400	30
250	405	600	300	4032	147,5	M24X100	12X2	691	36
300	460	700	320	7600	198,6	M24X100	12X2	691	36