

Ref. : CB5241

Rev. : Initial

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FLANGED SWING CHECK VALVE WITH BOLTED BONNET 300LBS

CB5241



Tecofi'
VALVE DESIGNER - FRANCE

APPLICATION

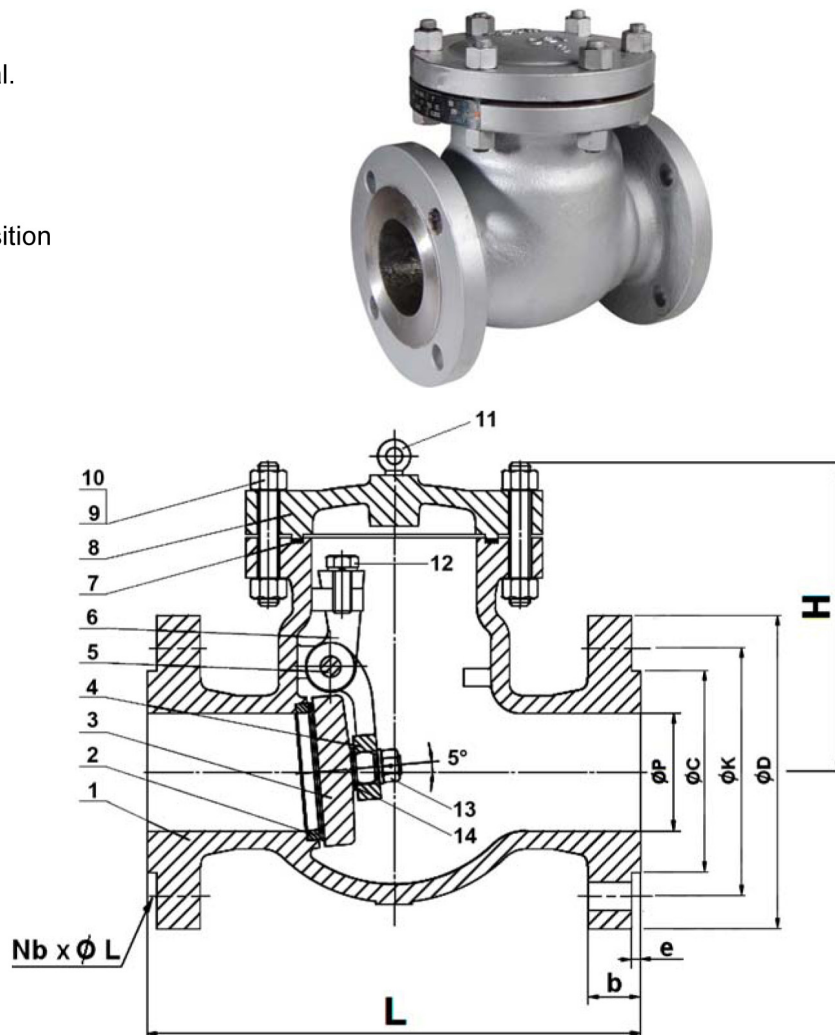
General use: Water distribution, gas oil, petrochemical.

GENERAL CHARACTERISTICS

Swing check valve
Full bore
Vertical position with ascendant fluid or horizontal position
(respect the flow direction indicated by the arrow)
Flanges R.F. ISO PN50 ANSI 300
Carbon steel body
Bolted bonnet
Hoisting eye from DN150 to 300 (NPS 6" to 12")
½ stellite (Trim 8 , seat with stellite)
Grey painting RAL 7001 color, 60 µm thickness

CONSTRUCTION

14	Washer	ASTM A276-420
13	Nut	ASTM A194 Gr 2H
12	Screw	ASTM A193 Gr B7
11	Hoisting eye	Steel 1025
10	Nut	ASTM A194 Gr 2H
9	Tie rod	ASTM A193 Gr B7
8	Bonnet	Steel ASTM A216 WCB
7	Bonnet gasket	Graphite + inox 304
6	Support	Steel ASTM A216 WCB
5	Pin	ASTM A276-420
4	Stem	Steel ASTM A216 WCB
3	Disc	ASTM A216 WCB + 13Cr
2	Seat	Steel ASTM A105 + stellite Gr.6
1	Body	Steel ASTM A216 WCB
Pos.	Description	Matière



DIMENSIONS

DN		L	H	ØP	ØC	ØK	ØD	NbxØL	e	b	Weight (kg)
mm	inch										
50	2"	267	152	51	92.1	127	165	8x19	2	22.7	22
80	3"	318	175	76	127	168.3	210	8x22	2	29	40
100	4"	356	204	102	157.2	200	255	8x22	2	32.2	63
150	5"	445	293	152	215.9	269.9	320	12x22	2	37	106
200	8"	533	353	203	269.9	330.2	380	12x26	2	41.7	136
250	10"	622	390	254	323.8	387.4	445	12x29	2	48.1	204
300	12"	711	432	305	381	450.8	520	16x32	2	51.3	302

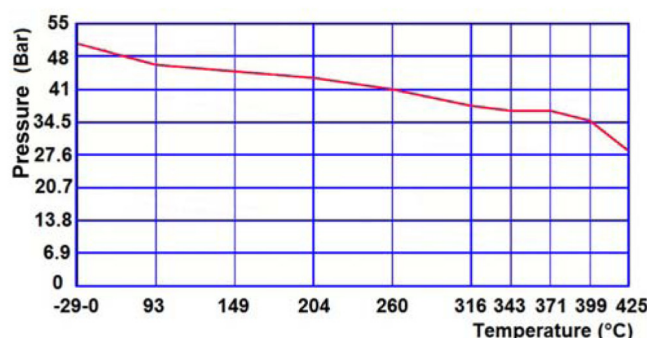
WORKING CONDITIONS

Maximum working pressure : 50 bar.
Maximum working temperature : -29°C/+425°C.

STANDARDS

Fabrication according to ISO 9001 :2008
DIRECTIVE 2014/68/UE
Risk category III module H
Designing according to API 594
Tests according to API 598
Face to face according to ASME B16.10, table 2 A17 series
Flanges R.F. according to ANSI B16.05
ATEX Group II Category 2 G/2D Zone 1 & 21 Zone 2 & 22
Approval certificate Russian **GOST-R**

PRESSURE / TEMPERATURE GRAPH



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