

Ref. : CB5240

Rev. : Initial

Date : 22/01/2015

Page : 1/1

FLANGED SWING CHECK VALVE WITH BOLTED BONNET 150LBS

CB5240



Tecofi'
VALVE DESIGNER - FRANCE

APPLICATION

General use: Water distribution, gas oil, petrochemical.

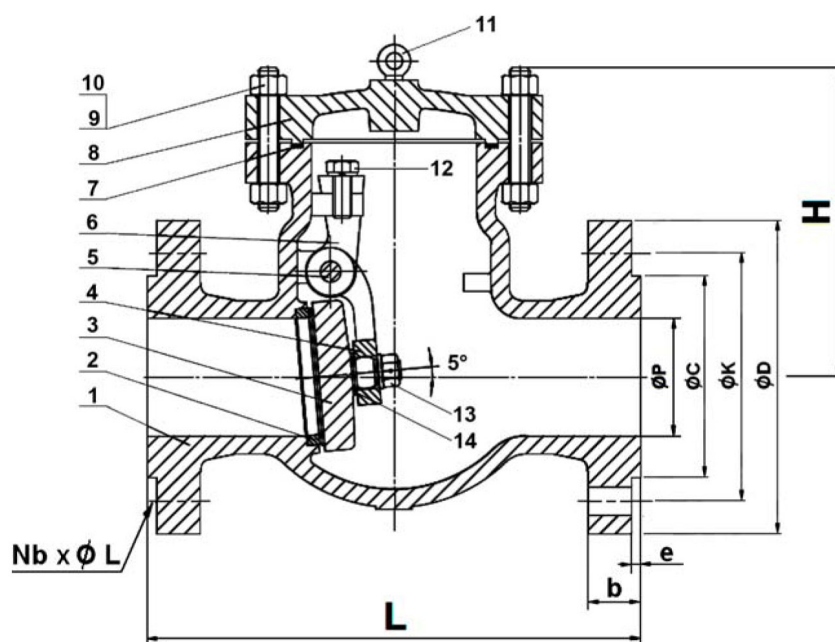
GENERAL CHARACTERISTICS

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 PN20 ANSI 150
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	Nb x ØL	e	b	Weight (kg)
mm	inch										
50	2"	203	152	51	92.1	120.7	150	4x19	2	16.3	17
80	3"	241	175	76	127	152.4	190	4x19	2	19.5	26
100	4"	292	204	102	157.2	190.5	230	8x19	2	24.3	40
150	5"	356	293	152	215.9	241.3	280	8x22	2	25.9	73
200	8"	495	353	203	269.9	298.5	345	8x22	2	29	114
250	10"	622	390	254	323.8	362	405	12x26	2	30.6	211
300	12"	699	432	305	381	431.8	485	12x26	2	32.2	311

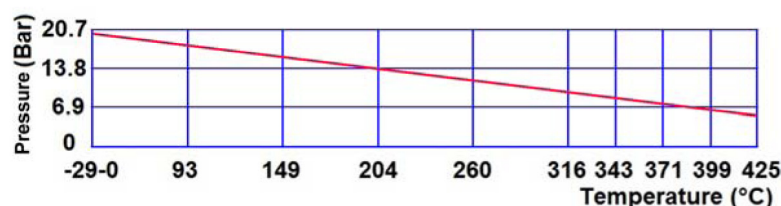
WORKING CONDITIONS

Maximum working pressure : 20 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 1 A15 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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