

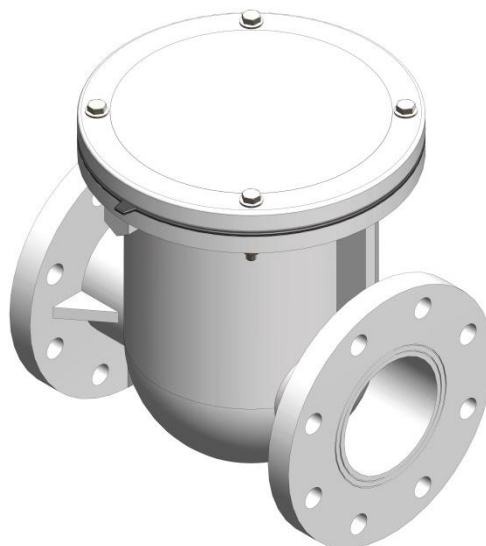
SWING CHECK VALVE – FLANGED VERSION

DN15 (1/2") to DN200 (8") – PP-H, PVDF, PVC-U, PVC-C

Conform to the 2014/68/EU Directive



DN50 – PP-H



DN100 – PVDF

MAIN FEATURES

- The swing check valve has a clearance zone ensuring a practically full bore and a limited pressure loss when opened.
- The bonnet allows easy maintenance without necessarily removing the valve from the piping.

Les descriptions et caractéristiques figurant sur ce document sont données uniquement à titre d'information et non d'engagement contractuel. SAFi se réserve le droit d'effectuer sans préavis, toute modification.
SAFi has a policy of continuously developing its product range and the above data is subject to change without prior notification.

Die Beschreibungen und Daten, die sich auf diesem Dokument befinden, sind rein informativ und unverbindlich. SAFi behält sich vor, ohne Vorankündigung Änderungen vorzunehmen, die als technisch notwendig erachtet werden.
Las descripciones y características que figuran en este documento son indicativas. En ningún caso son contractuales. SAFi se reserva el derecho sin previo aviso de efectuar cualquier modificación.

SAFi

Av. Jacques Moison – BP 1
26770 TAULIGNAN
FRANCE
Tél.: (+33) 04 75 53 56 29
Fax : (+33) 04 75 53 62 78
info@safi-valves.com

SAFi Limited

35 Holton Road
Holton Heath Trading Park
POOLE Dorset - BH16 6LT
UNITED KINGDOM
Tél.: (+44) 1202 624618
Fax : (+44) 1202 628500
sales@safi-valves.com

SAFi Deutschland

Kunststoffarmaturen
Vertriebs GmbH
Jahnstrasse 29
64319 PFUNGSTADT
DEUTSCHLAND
Tél. : (+49) 61 57 81 919
Fax : (+49) 61 57 82 025
info-deutschland@safi-valves.com

SAFi Fábrica de Válvulas

C/ Carboners, 35
Pol. Ind. La Cometa
43700 EL VENDRELL
TARRAGONA-ESPAÑA
Tel.: (+34) 977 665 147
Fax : (+34) 977 664 989
info@safi-valvulas.com

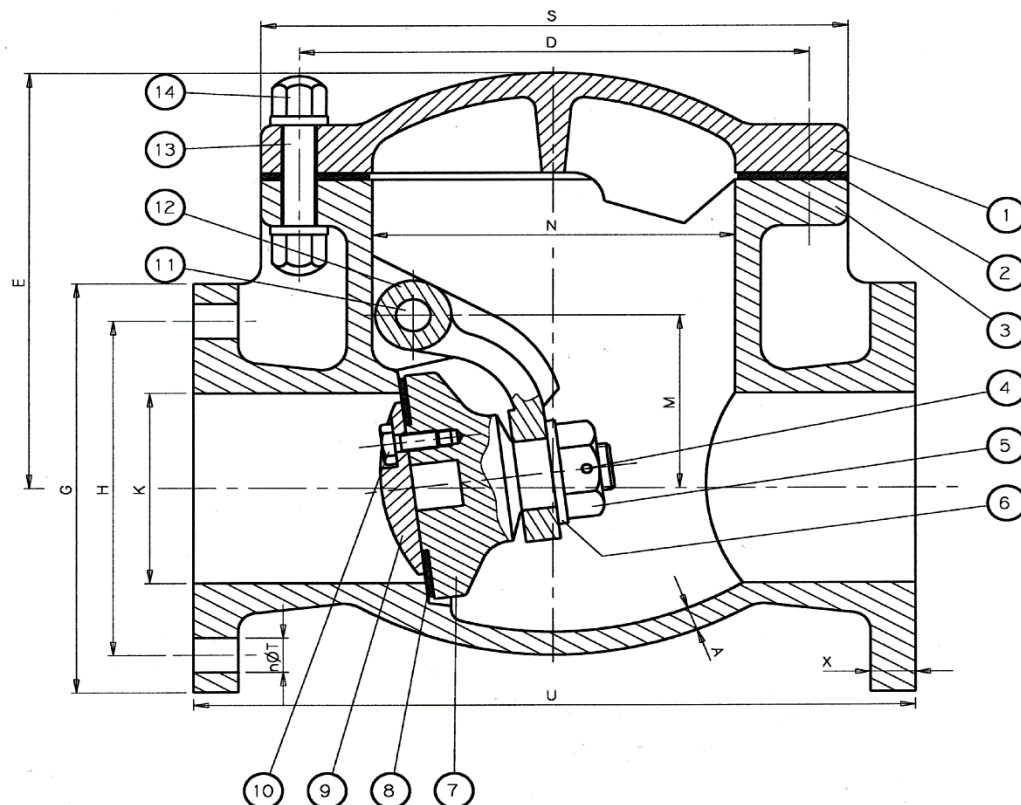
SAFi América

Las Garzas Trade Center
Las Garzas #950
Quilicura
SANTIAGO – CHILE
Tfno.: (+56 2) 2 510 3500
info@safi-america.com

SAFi América Perú

José Gabriel Aguilar 240
San Miguel
LIMA - PERÚ
Tél.: (+51) 1 773 2802
peru@safi-america.com

DIMENSIONS



DN	ØH		n		ØT		ØG		ØS	ØD	E	ØK	M	ØN	A	U	X
	DIN	ANSI	DIN	ANSI	DIN	ANSI	DIN	ANSI									
15	65	60,3	4	4	14	15,9	95	88,9	110	110	129	25	40	75	6	160	15
20	75	69,8	4	4	14	15,9	105	98,4	110	110	129	25	40	75	6	160	15
25	85	79,4	4	4	14	15,9	115	108	130	110	129	25	40	75	6	160	15
32	100	88,9	4	4	18	15,9	140	117,5	145	125	141	41	45	85	8	180	16,5
40	110	98,4	4	4	18	15,9	150	127	145	125	141	41	45	85	8	180	18
50	125	120,6	4	4	18	19	165	152,4	180	155	165	52	55	105	8	200	18
65	145	139,7	4	4	18	19	185	177,8	205	181	180	80	70	130	9	260	20
80	160	152,4	8	4	18	19	200	190,5	205	181	180	80	70	130	9	260	20
100	180	190,5	8	8	18	19	220	228,6	265	235	216	100	90	170	10	300	24
125	210	215,9	8	8	18	23	250	254	330	285	239,5	125	110	210	14	350	24
150	240	241,3	8	8	22	23	285	279,4	370	330	273	150	135	250	16	400	30
200	295	298,4	8	8	24	24	340	342,9	425	390	310	200	170	300	18	500	30

DIN = Drilling in accordance with EN 1092-1 PN10/PN16

ANSI = Drilling in accordance with ASME B16.5 Class 150

DN	Weight (Kg)		
	PP-H	PVDF	PVC-U
15	1,3	1,47	1,2
20	1,3	1,47	1,2
25	1,3	1,47	1,2
32	1,6	3,21	1,7
40	1,6	3,21	1,7
50	2,5	4,18	2,4

DN	Weight (Kg)		
	PP-H	PVDF	PVC-U
65	3,9	4,63	3,4
80	4,0	4,81	3,5
100	8,0	9,1	6,9
125	-	13,2	9,0
150	15	25,7	13,5
200	26	41,6	14,4

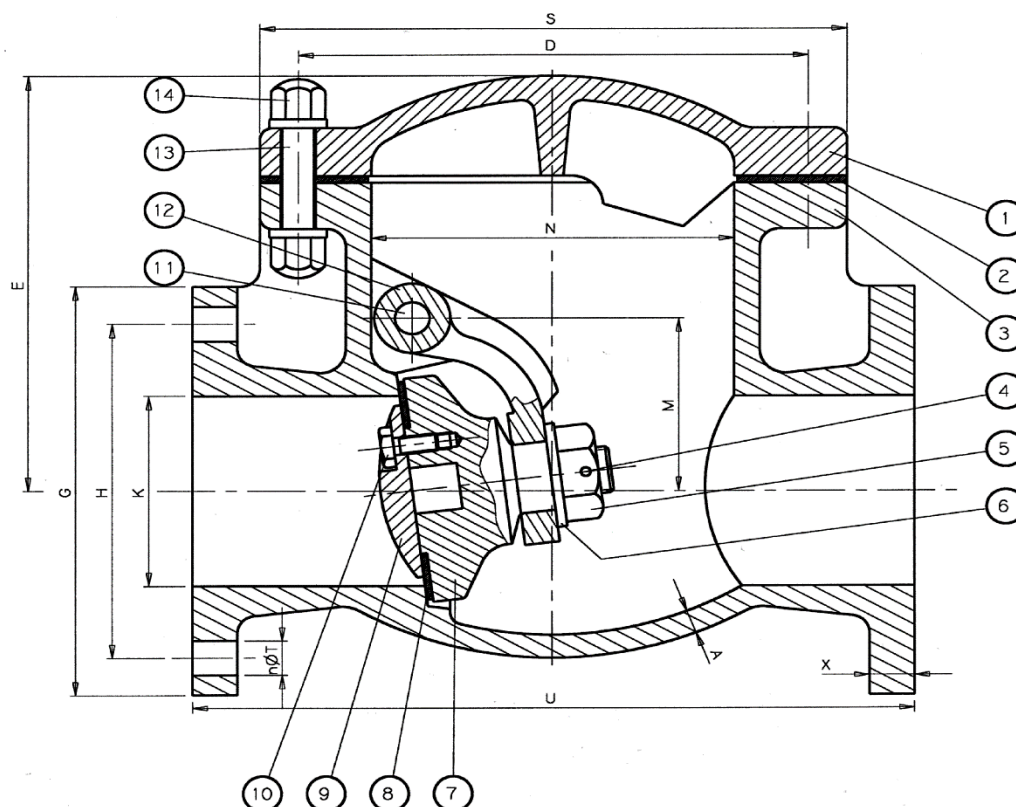
Les descriptions et caractéristiques figurant sur ce document sont données uniquement à titre d'information et non d'engagement contractuel. SAFI se réserve le droit d'effectuer sans préavis, toute modification.

SAFI has a policy of continuously developing its product range and the above data is subject to change without prior notification.

Die Beschreibungen und Daten, die sich auf diesem Dokument befinden, sind rein informativ und unverbindlich. SAFI behält sich vor, ohne Vorankündigung Änderungen vorzunehmen, die als technisch notwendig erachtet werden.

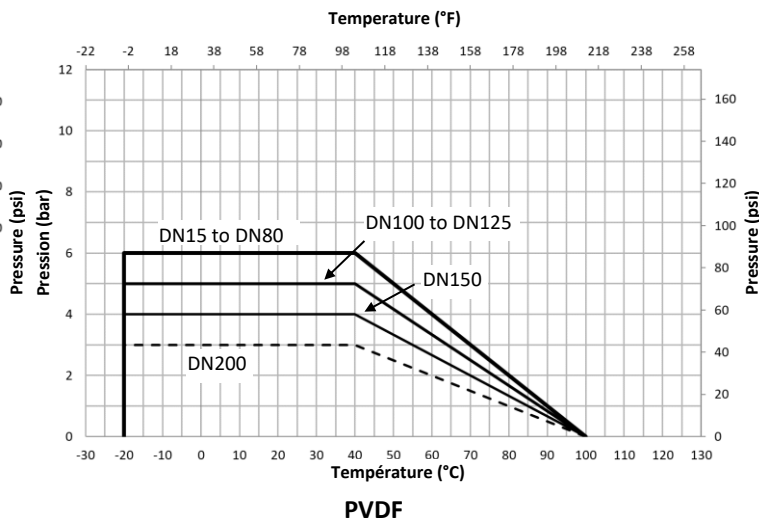
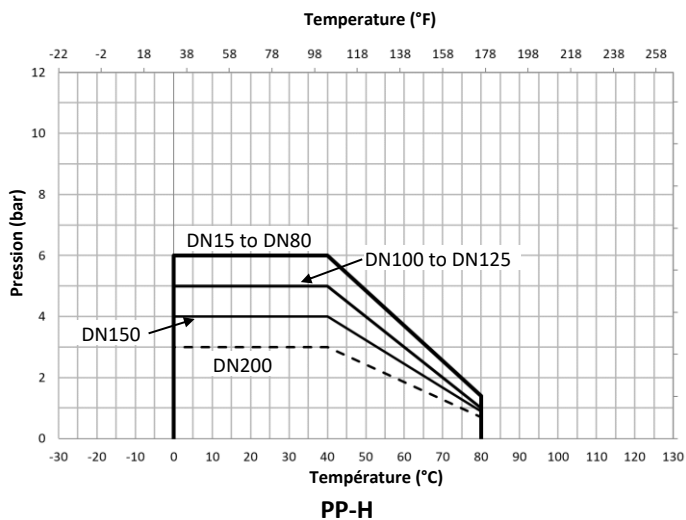
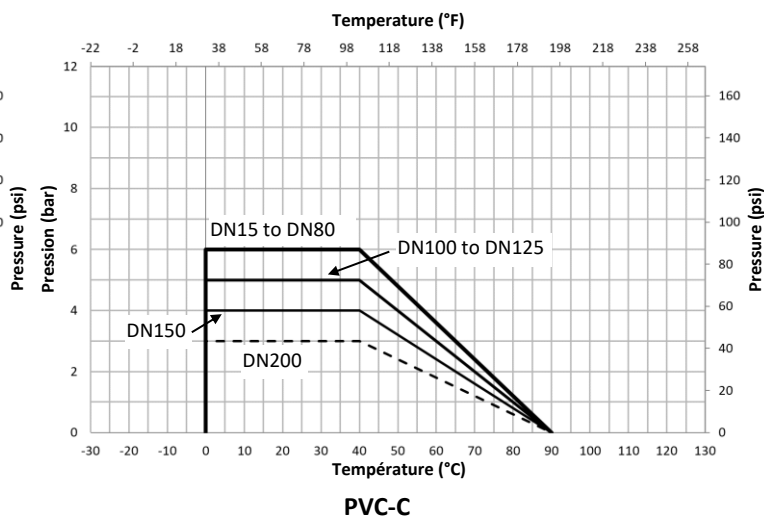
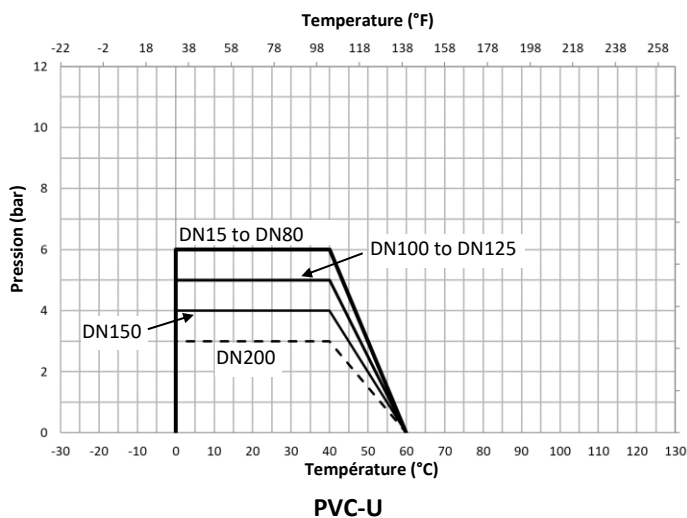
Las descripciones y características que figuran en este documento son indicativas. En ningún caso son contractuales. SAFI se reserva el derecho sin previo aviso de efectuar cualquier modificación.

PARTS LIST



N°	QTY	DESCRIPTION	MATERIAL
1	1	BONNET	PVC-U, PVC-C, PP-H, PVDF
2	1	FLAT GASKET	EPDM ou FPM
3	1	BODY	PVC-U, PVC-C, PP-H, PVDF
4	1	SET PIN	PVDF
5	1	NUT	PP-H, PVDF
6	1	WASHER	PP-H, PVDF
7	1	DISC	PVC-U, PVC-C, PP-H, PVDF
8	1	FLAT GASKET	EPDM ou FPM
9	1	FLAT GASKET HOLDER	PVC-U, PVC-C, PP-H, PVDF
10	1	BOLT DN25 to DN65	PVDF
	3	BOLT DN80 to DN100	PVDF
	4	BOLT DN125 TO DN150	PVDF
	8	BOLT DN200	PVDF
11	1	SHAFT	PP-H, PVDF
12	1	SWING ARM	PVC-U, PVC-C, PP-H, PVDF
13	6/8	BOLT	SS 304
14	12/16	MOULDED NUT	SS 304

PRESSURE / TEMPERATURE CURVES



Pressure /Temperature Summary

DN	WORKING PRESSURE (en bars à 20°C)			
	PVC-U	PVC-C	PP-H	PVDF
15	6	6	6	6
20	6	6	6	6
25	6	6	6	6
32	6	6	6	6
40	6	6	6	6
50	6	6	6	6
65	6	6	6	6
80	6	6	6	6
100	5	5	5	5
125	5	5	5	5
150	4	4	4	4
200	3	3	3	3

Type of Seals	WORKING TEMPERATURE			
	PVC-U	PVC-C	PP-H	PVDF
EPDM/FPM	0°C to + 60°C	0°C to + 80°C	0°C to + 80°C	-20°C to +100°C

PRESSURE LOSS

DN	Kv (m ³ /h)
15	20,8
20	20,8
25	20,8
32	70,1
40	70,1
50	121,1

DN	Kv (m ³ /h)
65	216,3
80	242,2
100	441,2
125	648,8
150	951,6
200	1643,6

Kv defined according to NF EN 1267

Our valves are guaranteed for an average fluid velocity in the pipeline of 2 m/s. Please contact us with the working conditions for any higher speed.

CHEMICAL RESISTANCE

The chemical resistance of the valve is subject to the type of fluid, the temperature, the pressure, as well as the materials and seals of the valve.

Please contact us to have a personalized analysis of the resistance of one of our products to a given fluid

You can also consult, for information only, the table given in ISO 10358. However, this table cannot be considered as a recommendation by SAFI who could not be held liable for the use of this document.

DETERMINING A PRODUCT CODE

TYPE	SPECIFICATION	DN	Fitting (Inlet)	Fitting (Outlet)	Seals
3300 = PVC-U Swing Check Valve 3304 = PP-H Swing Check Valve 3306 = PVDF Swing Check Valve 3319 = PVC-C Swing Check Valve	- = Standard Swing Check Valve	00 = DN15 01 = DN20 02 = DN25 03 = DN32 04 = DN40 05 = DN50 06 = DN65 07 = DN80 08 = DN100 09 = DN125 10 = DN150 11 = DN200	F = Flange with drilling in accordance with EN 1092-1 PN10/PN16 (DIN) G = Flange with drilling in accordance with ASME B16.5 Class 150 (ANSI)	F = Flange with drilling in accordance with EN 1092-1 PN10/PN16 (DIN) G = Flange with drilling in accordance with ASME B16.5 Class 150 (ANSI)	E = EPDM V = FPM

Example : 3304-02FFE

3304	-	02	F	F	E
PP-H Swing Check Valve	Standard Swing Check Valve	DN20	Flange with drilling in accordance with EN 1092-1 PN10/PN16 (DIN)	Flange with drilling in accordance with EN 1092-1 PN10/PN16 (DIN)	EPDM Seals