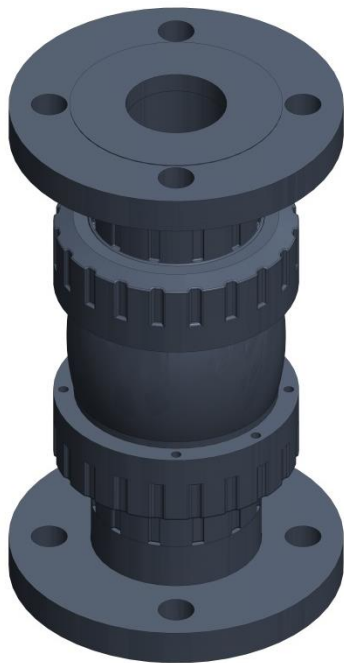


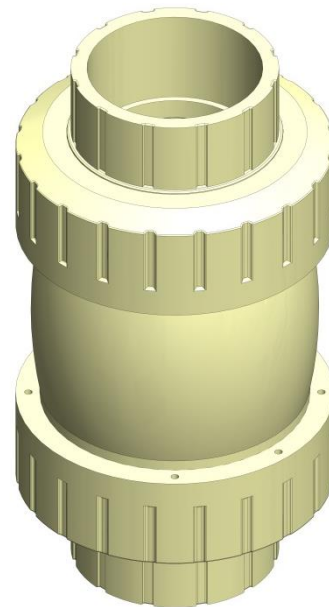
BALL CHECK VALVE– DOUBLE UNION

DN15 (1/2") to DN100 (4") – PP-H, PVC-U, PVC-C

Conform to the 2014/68/EU Directive



DN50 – PVC-U - Flanged



DN80 –PP-H – Double union

VERTICAL MOUNTING ONLY

MAIN FEATURES

- Ball check valve for an optimal pressure loss
- Double union assembly allowing multiple connection options
- Given its operating principle, this check valve must be mounted vertically, the fluid flowing from bottom to top in the flow direction.

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.

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SAFI

Av. Jacques Moison – BP 1
26770 TAULIGNAN
FRANCE
Tél.: (+33) 4 75 53 56 29
Fax : (+33) 4 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

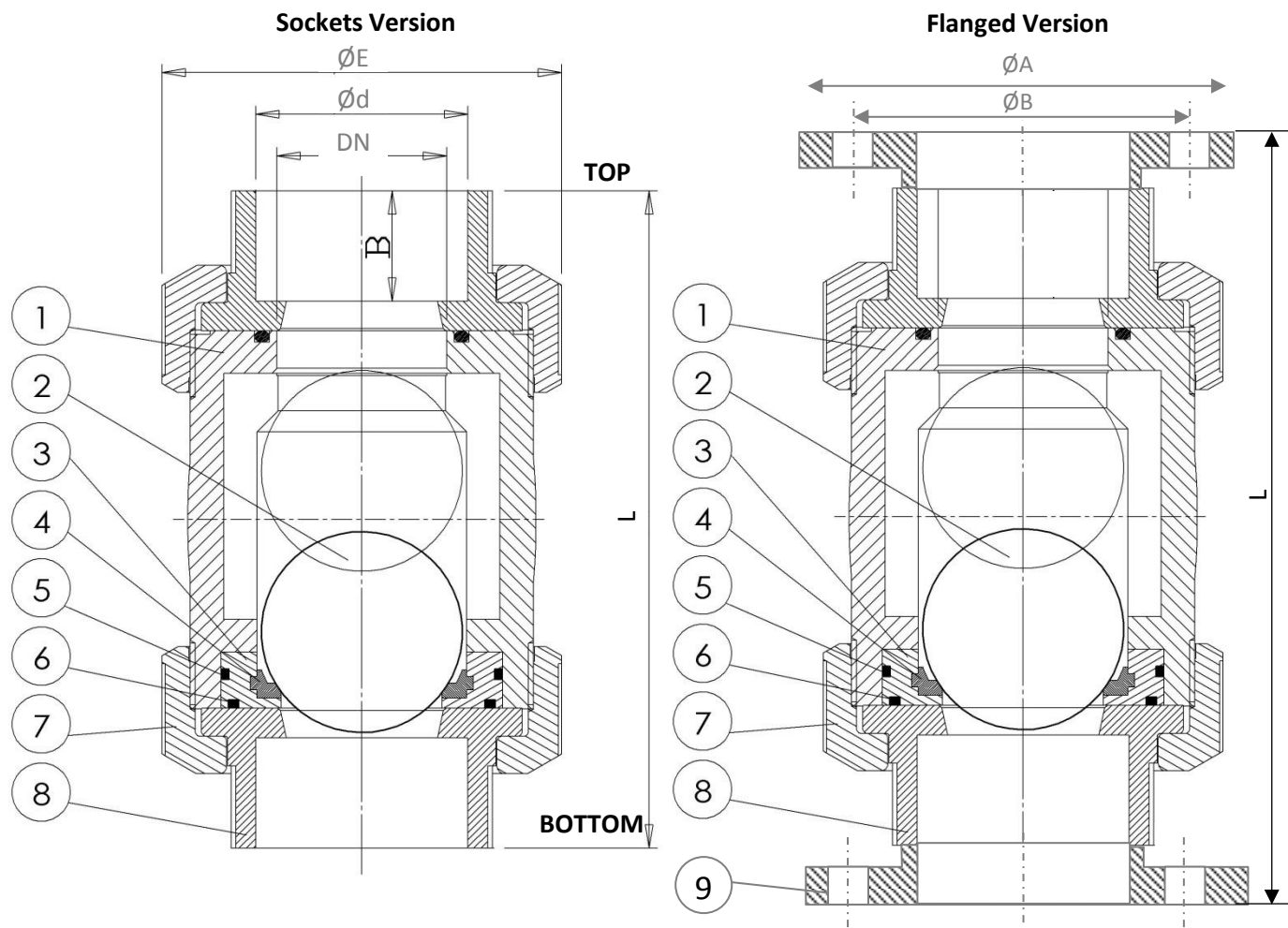
SAFI Fabrica de Valvulas

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 America

Las Garzas Trade Center
Las Garzas #950, B
Quilicura
SANTIAGO – CHILE
Tél.: (+56 2) 2 510 3500
Fax : (+56 2) 2 510 3507
info@safi-america.com

DIMENSIONS

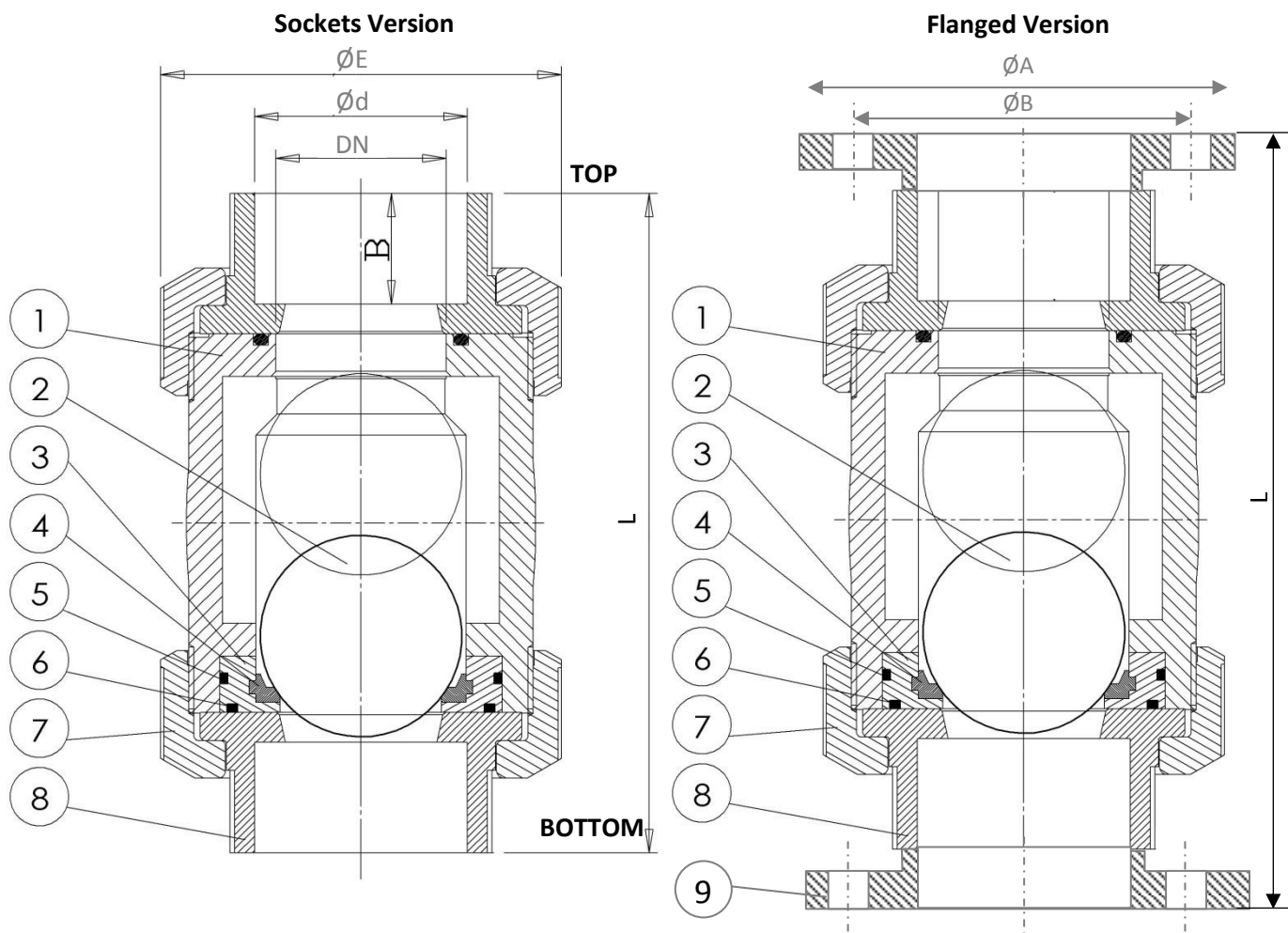


DN	B	Fitting				Flanges				
		Ød		ØE	L	ØA		ØB		L
		Metric	Threaded			(DIN)	(ANSI)	(DIN)	(ANSI)	
15	16	20	½"	53,5	101	95	88,9	65	60,3	138
20	17	25	¾"	63,3	115	105	98,4	75	69,8	150
25	20	32	1"	73	156	115	107,9	85	79,4	199
32	30	40	1" ¼	97,5	171	140	117,5	100	88,9	213
40	30	50	1" ½	97,5	171	150	127	110	98,4	220
50	34	63	2"	120,5	195	165	152,4	120	120,6	246
65	44	75	2" ½	150	226	185	177,8	145	139,7	280
80	50	90	3"	184	274	200	190,5	160	152,4	331
100	61	110	4"	199	367	220	228,6	180	190,5	428

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

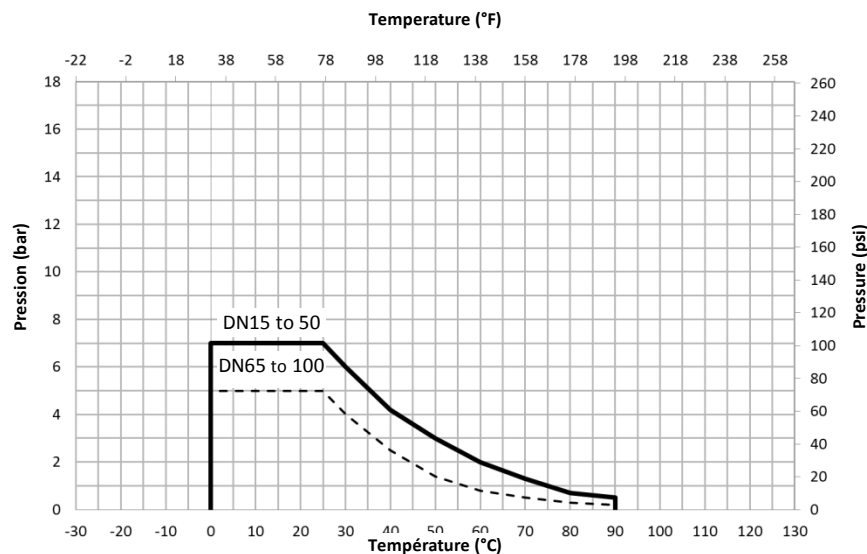
ANSI = Drilling in accordance with EN1759-1/ASME B16.5 Class 150

PARTS LIST

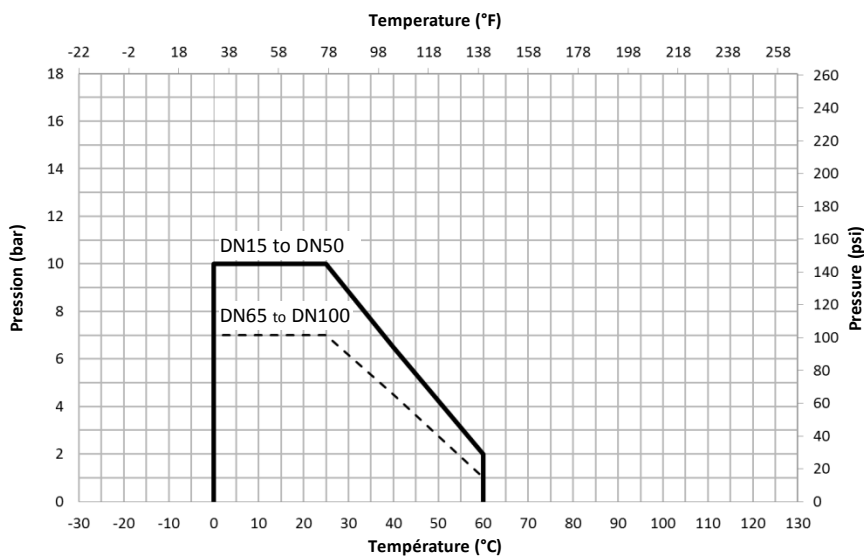


N°	QTY	DESCRIPTION	MATERIAL
1	1	Body	PVC-U/PVC-C/ PP-H
2	1	Ball	PVDF/PVC-C
3	1	Seat Support	PVC-U/PVC-C/ PP-H
4	1	Seat	EPDM/FPM
5	1	O-ring	EPDM/FPM
6	2	O-ring	EPDM/FPM
7	1	Nut	PVC-U/PVC-C/ PP-H
8	1	Fitting	PVC-U/PVC-C/ PP-H
9	2	Flange	PVC-U/PVC-C/ PP-H

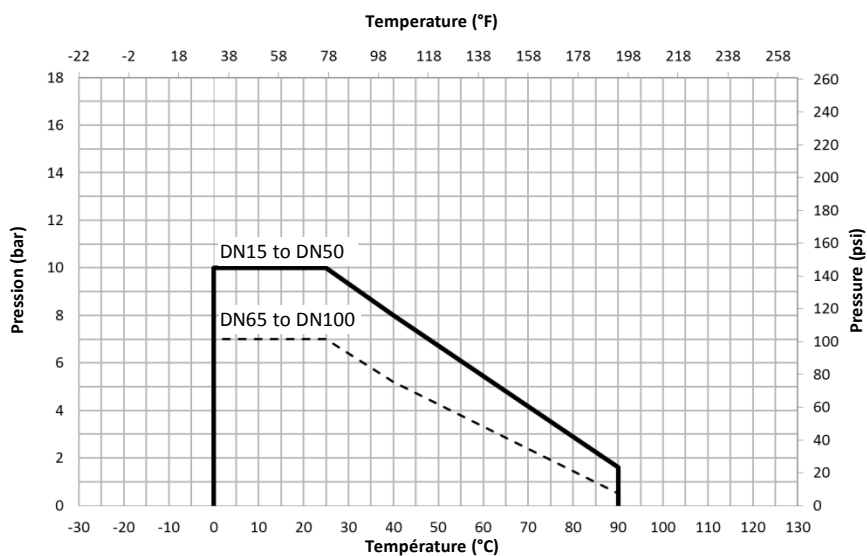
PRESSURE / TEMPERATURE CURVES



PP-H



PVC-U



PVC-C

Pressure /Temperature Summary

DN	WORKING PRESSURE (in bars at 20°C)		
	PVC-U	PVC-C	PP-H
15	10	10	7
20	10	10	7
25	10	10	7
32	10	10	7
40	10	10	7
50	10	10	7
65	7	7	5
80	7	7	5
100	7	7	5

Type of Seal	WORKING TEMPERATURE		
	PVC-U	PVC-C	PP-H
EPDM/FPM	0°C to + 60°C	0°C to + 90°C	0°C to + 90°C

PRESSURE LOSS

DN	Kv (m ³ /h)
15	5,6
20	14,7
25	21,6
32	40,7
40	74,4
50	112,5
65	174,1
80	242,2
100	432,5

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.

Kv defined according to NF EN 1267

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
3307 = PVC-U Ball Check Valve 3309 = PP-H Ball Check Valve 3317 = PVC-C Ball Check Valve	- = standard check valve	00 = DN15 01 = DN20 02 = DN25 03 = DN32 04 = DN40 05 = DN50 06 = DN65 07 = DN80 07 = DN100	A = BSP Threaded Socket B = PVC DIN Metric Socket C = Metric plain socket (same material as body) F = Flange with drilling in accordance with EN 1092-1 PN10/PN16 (DIN) G = Flange with drilling in accordance with EN1759-1/ASME B16.5 Class 150 (ANSI) Different types of fittings are available, consult the TDS-EQUIP-3101 product sheet	A = BSP Threaded Socket B = PVC DIN Metric Socket C = Metric plain socket (same material as body) F = Flange with drilling in accordance with EN 1092-1 PN10/PN16 (DIN) G = Flange with drilling in accordance with EN1759-1/ASME B16.5 Class 150 (ANSI) Different types of fittings are available, consult the TDS-EQUIP-3101 product sheet	E = EPDM V = FPM

Example : 3309-02CCE

3309	-	02	C	C	E
PP-H Ball Check Valve	Standard	DN20	Metric Plain Socket	Metric Plain Socket	EPDM Seals