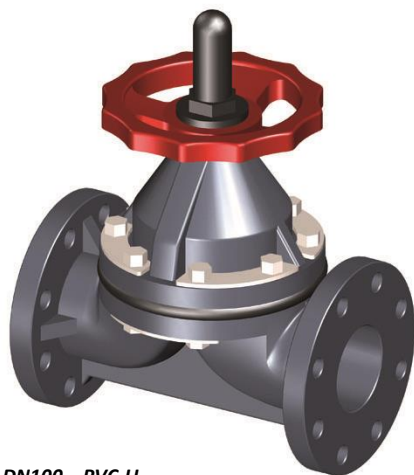


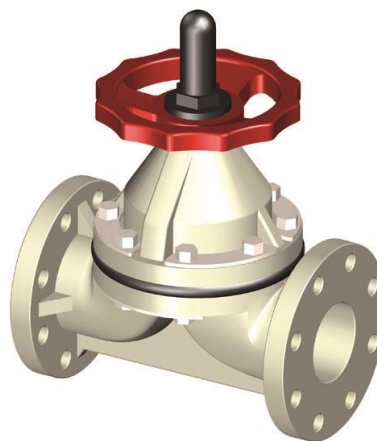
DIAPHRAGM VALVE – FLANGED – DN65 (2"1/2) to DN250 (10")

PVC-U, PP-H, PVDF

Conform to the 2014/68/EU Directive



DN100 – PVC-U



DN80 – PP-H

MAIN FEATURES

- Diaphragm in EPDM, FPM, or PTFE.
- Visual Position Indicator
- The design of diaphragm valves does not allow operation under vacuum

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DIMENSIONS

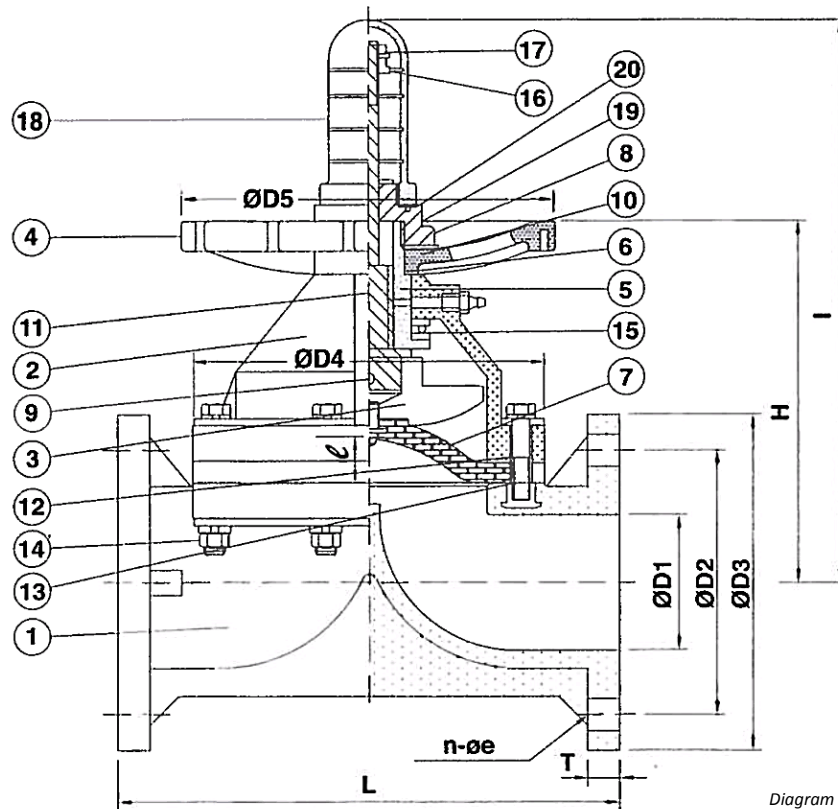


Diagram representing a DN80

DN mm	ØD1 mm	ØD2		ØD3	Øe		n		ØD4	ØD5	L	T	H	I	ℓ
		DIN	ANSI		DIN	ANSI	DIN	ANSI							
65 - 2"1/2	68	145	139,45	185	18	19	4	4	183	202	290	22	197	276	32
80 - 3"	78	160	152,4	200	18	19	8	4	201	202	310	22	218	293	34
100 - 4"	100	180	190,5	210	18	19	8	8	250	241	350	25	261	370	54
125 - 5"	125	210	215,9	250	18	22,2	8	8	321	274	400	24	308	412	72
150 - 6"	148	240	241,3	285	23	22,2	8	8	382	395	480	30	334	471	72
200 - 8"	198	295	298,4	340	23	22,2	8	8	431	395	600	32	419	625	96
250 - 10"	248	350	362	395	23	25,4	12	12	529	555	680	32	510	750	132

DIN = Drilling in accordance with EN1092-1 PN10/PN16

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

DN	WEIGHT (in Kg)			
	PVC-U	PVC-C	PP-H	PVDF
65	-	-	-	-
80	7,79	7,79	7,06	9,20
100	17,38	17,38	11,36	14,06
125	17,68	17,68	16,20	22,14
150	28,40	28,40	26,22	32,84
200	43,12	43,12	39,56	51,54
250	84,33	84,33	78,66	88,48

PARTS LIST

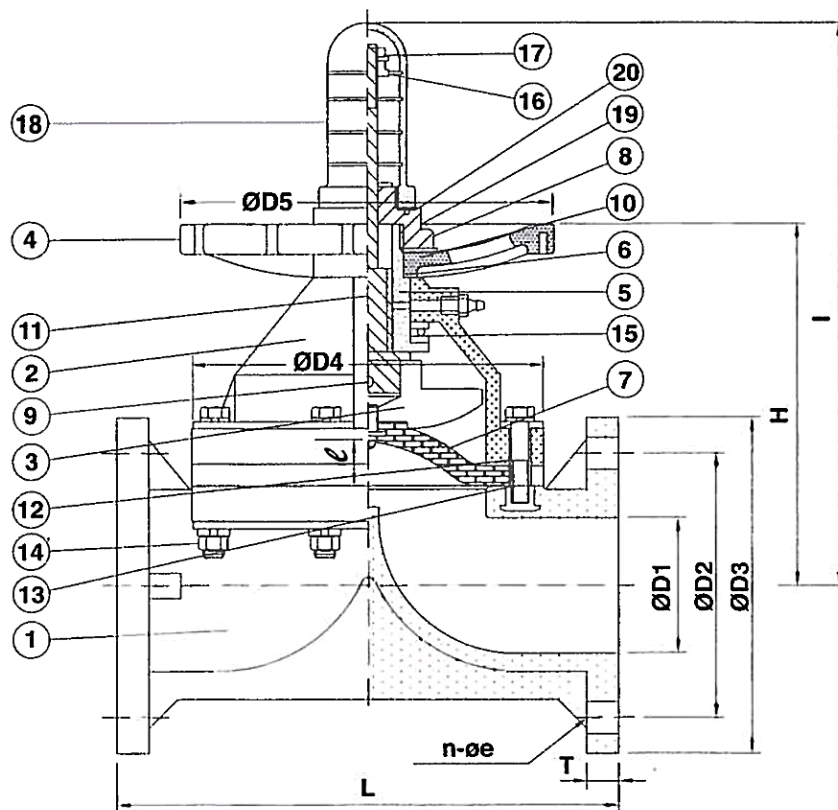
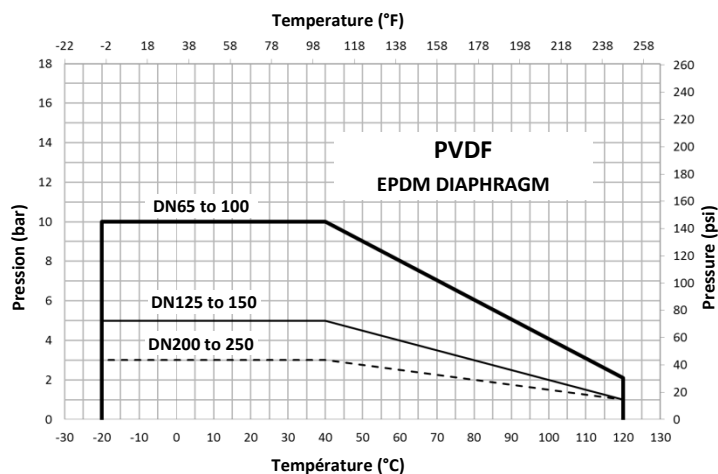
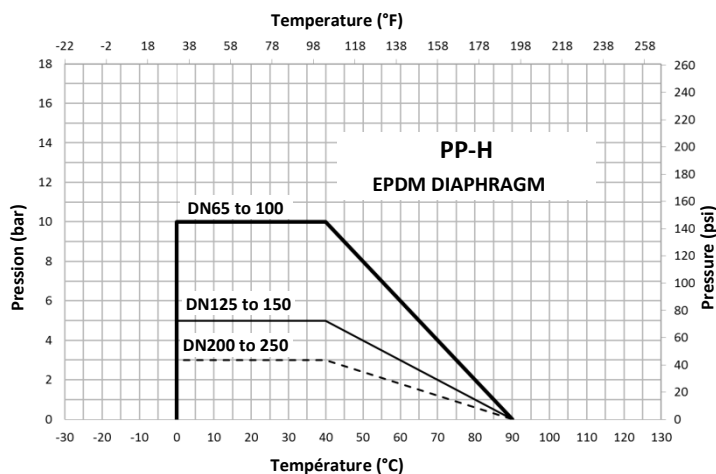
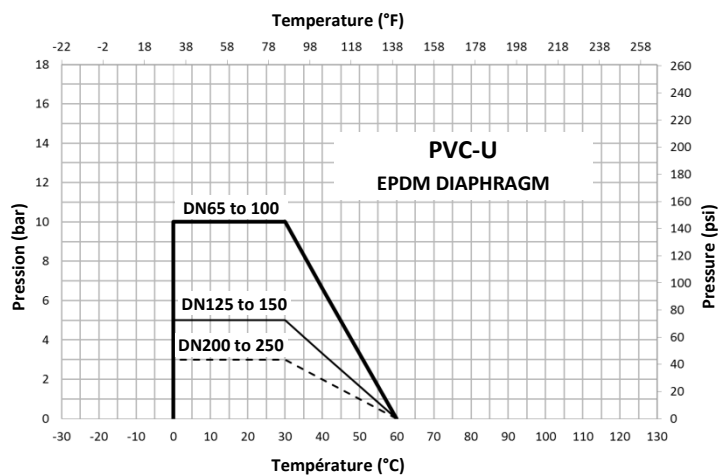
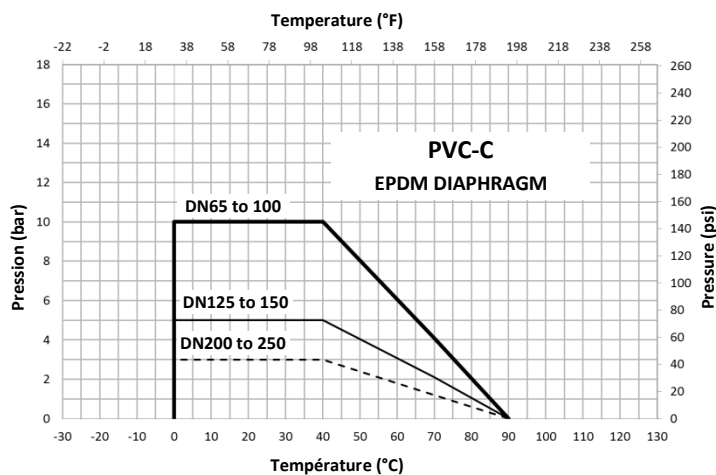
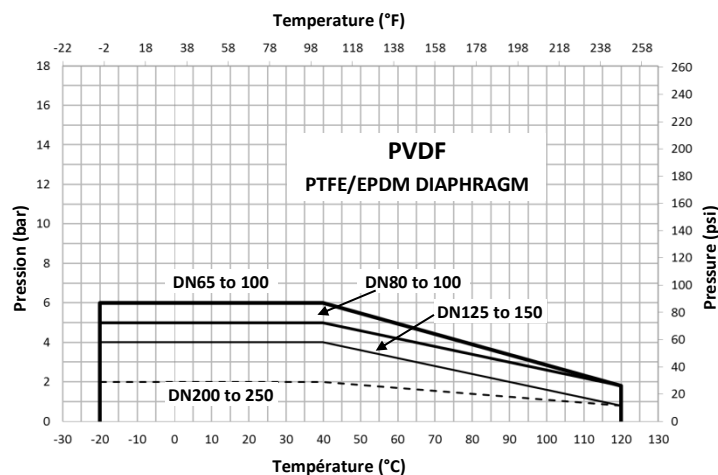
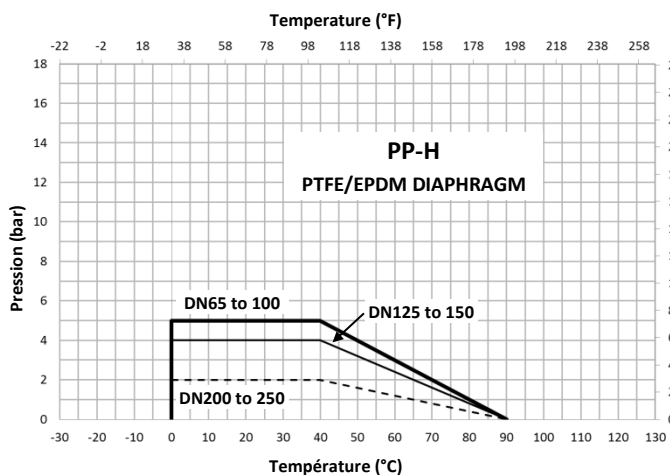
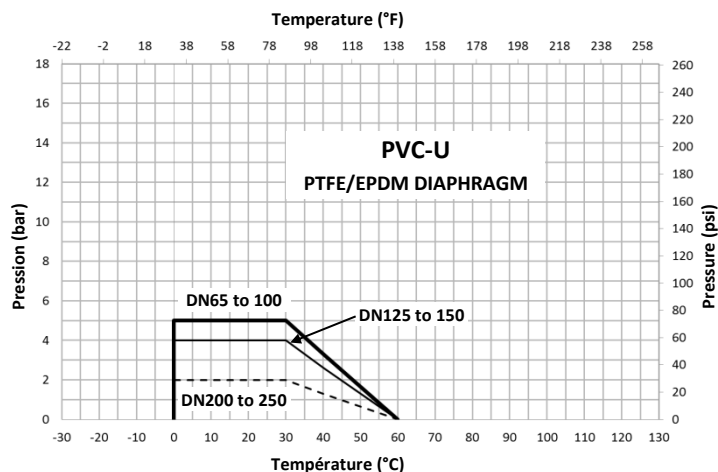
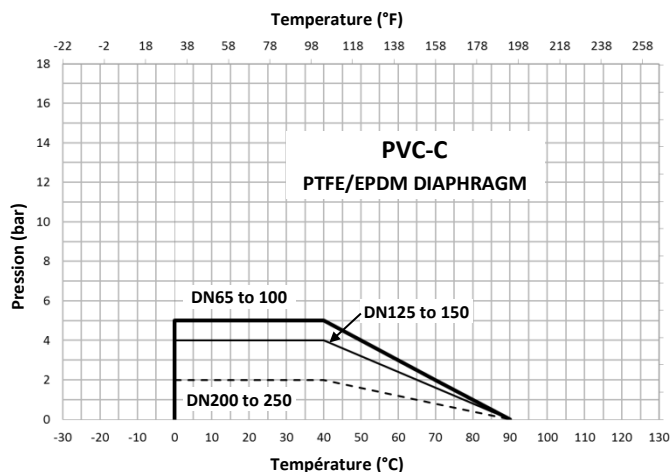


Diagram representing a DN80

N°	QTY	DESCRIPTION	MATERIAL
1	1	BODY	PP-H, PVC-U, PVC-C, PVDF
2	1	BONNET	PPGF, PVDF
3	1	COMPRESSOR	FC20
4	1	HAND WHEEL	PP-H, ABS
5	1	SPINDLE	FC25
6	1	THREADED ROD	ACIER SS-41
7	1	DIAPHRAGM	EPDM/PTFE
8	1	HANDWHEEL NUT	PVC-U
9	1	COPRESSOR PIN	SS 304
10	1	IDENTIFICATION PLATE	PVC-U
11	1	GREASE NIPPLE	SS 304
12	4 à 8	NUT, BOLT & WASHER	SS 304
13	4 à 8	MOULDED INSERT	SS 41
14	4 à 12	NUT & WASHER	SS 304
15	1	THRUST BEARING	LAITON
16	1	LOCK NUT	SS 304
17	1	LOCKING RING NUT	SS 304
18	1	TRANSPARENT COVER	PC
19	1	O-RING	EPDM
20	1	WASHER	SS 304

PRESSURE / TEMPERATURE CURVES





Pressure/Temperature Summary

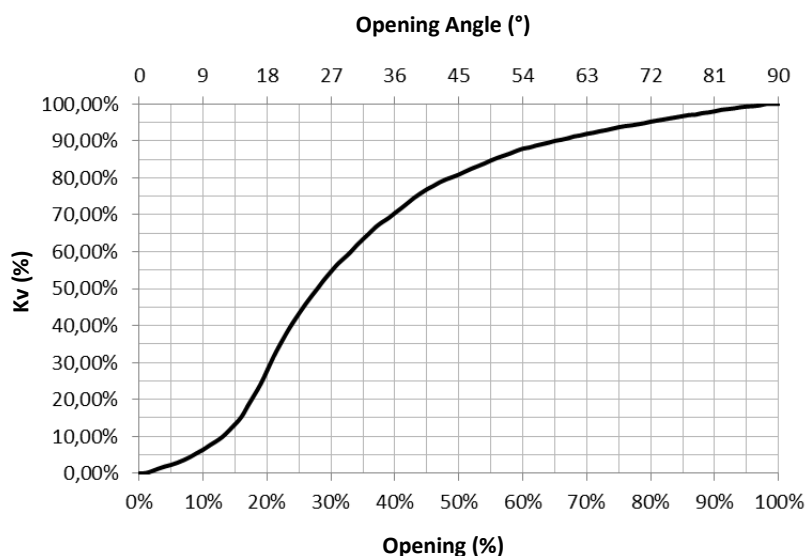
DN	WORKING PRESSURE (in bars at 20°C)							
	EPDM DIAPHRAGM				PTFE/EPDM DIAPHRAGM			
	PVC-U	PVC-C	PP-H	PVDF	PVC-U	PVC-C	PP-H	PVDF
65 to 100	10	10	10	10	5	5	5	5
125 to 150	5	5	5	5	4	4	4	4
200 to 250	3	3	3	3	2	2	2	2

Type of Seal	WORKING TEMPERATURE			
	PVC-U	PVC-C	PP-H	PVDF
EPDM	0°C to + 60°C	0°C to + 90°C	0°C to + 90°C	-20°C to +120°C
PTFE/EPDM	0°C to + 60°C	0°C to + 90°C	0°C to + 90°C	-20°C to +120°C

PRESSURE LOSS

DN	Kv (m ³ /h)
65	78,4
80	98,6
100	158,8
125	252,4
150	343,2
200	598,3
250	865,7

Kv in accordance with 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.

OPTION: LOCKING SYSTEM

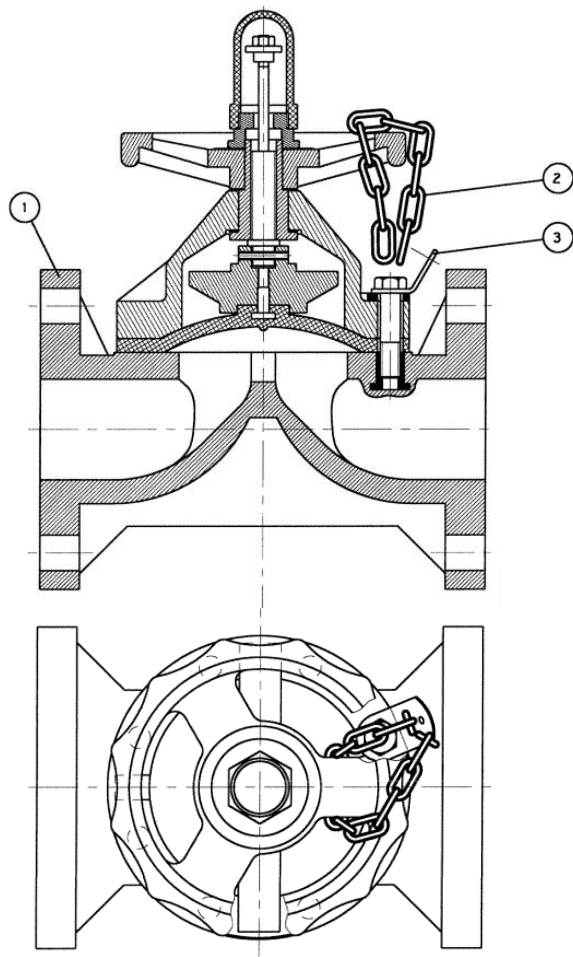


Diagram representing assembly on a DN80

N°	QTY	DESCRIPTION	MATERIAL
1	1	Diaphragm Valve DN65 to DN250	PP-H, PVC-U, PVC-C, PVDF
2	1	Chain	SS 304
3	2	Locking plate	SS 304

Locking system in SS 316: contact us

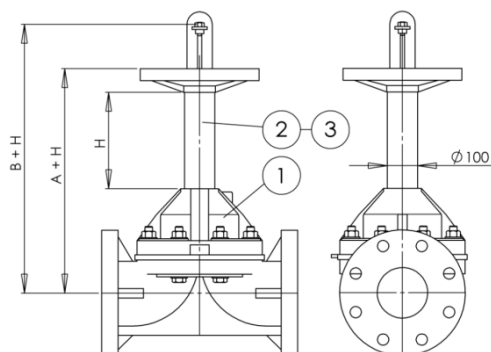
Principe :

When the Diaphragm valve is in a position to be immobilized, chain the branch of the steering wheel located above the locking plate and bind the chain to the hole in the plate with a Ø6 padlock. (not provided)

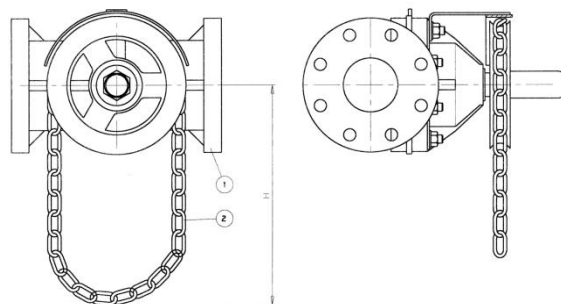
NOTA: Padlock not included

DN	PRODUCT CODE
65	3201-06K
80	3201-07K
100	3201-08K
125	3201-09K
150	
200	3201-11K
250	

OTHER AVAILABLE OPTIONS



Handle Extension (Height H upon request)



Operation by Chain and Pulley

Contac us, for more information on the Available Options

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DETERMINING A PRODUCT CODE

TYPE	SPECIFICATION	DN	Fitting (Inlet)	Fitting (Outlet)	Seals
3200 = PVC-U Diaphragm Valve 3201 = PP-H Diaphragm Valve 3203 = PVDF Diaphragm Valve 3211 = PVC-C Diaphragm Valve	- = Standard Diaphragm Valve	06 = DN65 07 = DN80 08 = DN100 09 = DN125 10 = DN150 11 = DN200 12 = DN250	F = Flanges with drilling in accordance with EN 1092-1 PN10/PN16 (DIN) G = Flanges with drilling in accordance with EN1759-1/ASME B16.5 Class 150 (ANSI)	F = Flanges with drilling in accordance with EN 1092-1 PN10/PN16 (DIN) G = Flanges with drilling in accordance with EN1759-1/ASME B16.5 Class 150 (ANSI)	E = EPDM P = PTFE + EPDM

Example: 3200-08FFE

3200	-	08	F	F	E
PVC-U Diaphragm Valve	Standard	DN100	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

Example: Diaphragm Valve + LOCKING SYSTEM: 3200-08FFE + 3201-08K

3200-08FFE	+	3201-08K
PVC-U Diaphragm Valve DN100 Flanges with drilling in accordance with EN 1092-1 PN10/PN16 (DIN) EPDM	+	LOCKING SYSTEM for a DN100