PVC-U SWING CHECK VALVES
VÁLVULAS DE CLAPETA PVC-U

Sizes	Metric flanges D63 - D315 (DN50 - DN300) ASTM flanges 4" - 12"	
Standards	ISO/DIN ASTM - 4" - 12"	EN 558-1 ANSI B.16.5 cl. 150
Working pressure	@ 20ºC (73ºF) D63 - D315 (2" - 12"): PN 6 (90 psi)	
Minimum return pressure	**0,2 bar (3 psi)** **Minimal downstream pressure to keep the valve closed in horizontal position.** ***Presión mínima aguas abajo para mantener la válvula cerrada en caso de instalación horizontal.***	
Materials	O-rings: EPDM / FPM	
Characteristics	• **Requires little space in piping systems.** • **Easy installation: wafer body slips between standard flanges. No gaskets required.** • Vertical and horitzontal operation. • Excellent flow characteristics. Do not install the valve at a distance lower than 5 x D of the pump out. Install with pipe DIN PN 10. In case of PN 16, the valve could be damaged.	• **Requiere poco espacio en la instalación.** • **Fácil instalación: se monta entre bridas standard. Sin necesidad de juntas adicionales.** • Instalación vertical y horizontal. • Excelentes características de conducción. No montar la válvula a una distancia inferior a 5 x D de la salida de una bomba. Montar con tubo PN 10. En caso de usar un PN 16 se podrían ocasionar daños en la válvula.
Certifications / regulations	Check valve design regulation - ISO 16137:2006	

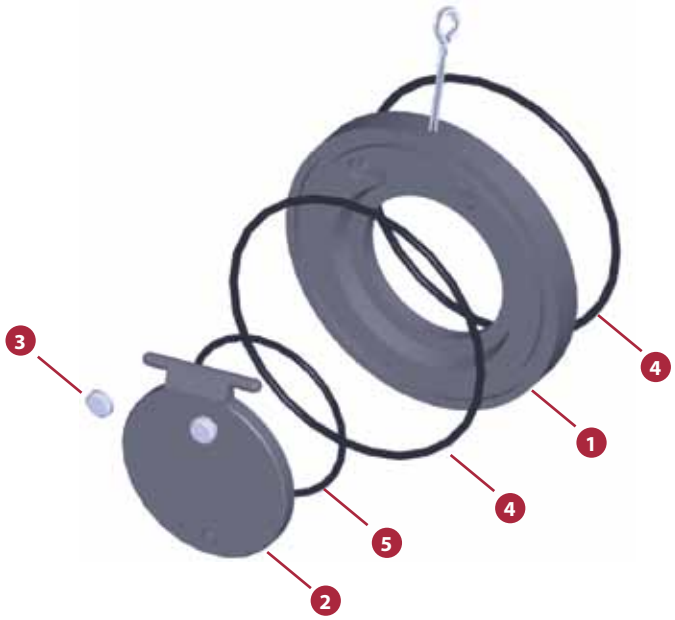
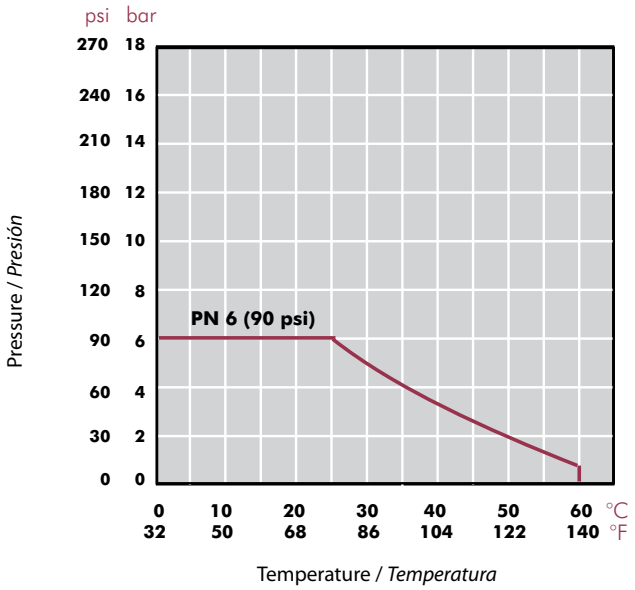


FIG.	Parts	Despiece	Material
1	Body	Cuerpo	PVC-U
2	Flap	Clapeta	PVC-U
3	Cap	Tapón	PP
4	Body O-ring	Junta cuerpo	EPDM / FPM
5	Flap O-ring	Junta clapeta	EPDM / FPM

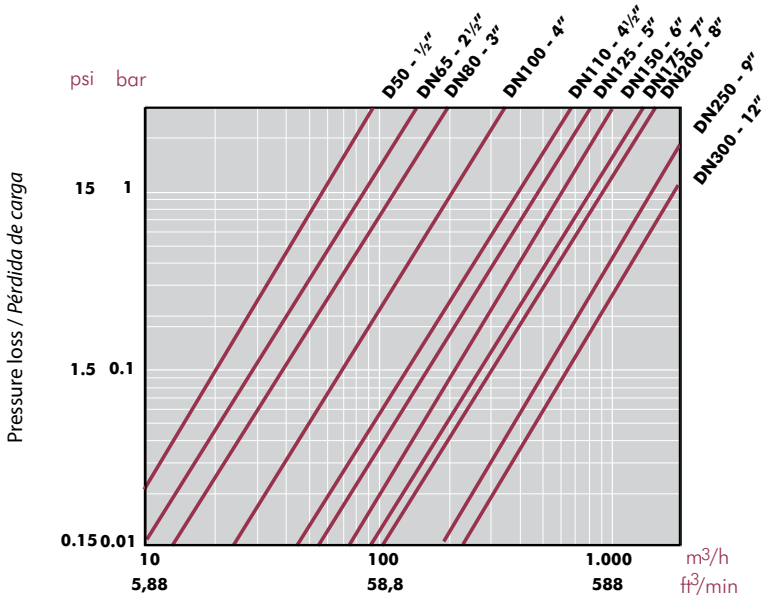
PRESSURE / TEMPERATURE GRAPH
DIAGRAMA PRESIÓN / TEMPERATURA



Life: 25 years
Hydrostatic maximum pressure a compnent may outstand in continous service (without overpressure)

Vida útil: 25 años
Presión hidrostática máxima que un componente es capaz de soportar en servicio continuo (sin sobrepresión)

PRESSURE LOSS DIAGRAM
DIAGRAMA DE PÉRDIDAS DE CARGA



RELATIVE FLOW
FLUJO RELATIVO

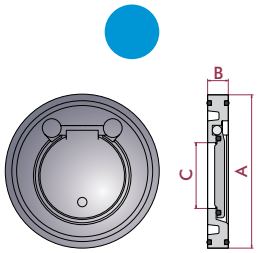
D	63	75	90	110	125	140	160	200	225	250	280	315
DN	50	65	80	100	125	125	150	175	200	250	250	300
Kv_{100}	57	85	130	200	390	480	600	800	900	1.600	1.600	1.850
Cv	4,0	6,0	9,1	14,0	27,3	33,6	42,0	56,0	63,0	112,0	112,0	129,6

$Cv = Kv_{100} / 14,28$
Kv_{100} (l/min, Δp = 1 bar)
Cv (GPM, Δp = 1 psi)

UP. 65 - SWING CHECK VALVE

Swing check valve
- PVC-U body
- O-rings in EPDM

Válvula de clapeta
- Cuerpo en PVC-U
- Anillos tóricos en EPDM

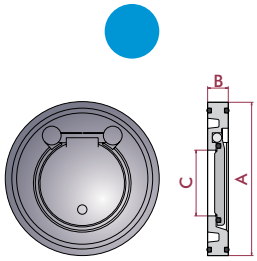


D	DN	PN	REF.	CODE	A	B	C
63	50	6	05 65 063 *	**37055**	109	20	32
75	65	6	05 65 075	**08984**	129	20	40
90	80	6	05 65 090	**08985**	144	20	52
110	100	6	05 65 110	**08986**	164	22	70
125	125	6	05 65 125	**09040**	170	25	83
140	125	6	05 65 140	**08987**	195	23	92
160	150	6	05 65 160	**08988**	220	25	112
200	175	6	05 65 200	**09041**	247	28	139
225	200	6	05 65 225	**08989**	275	35	150
250	250	6	05 65 250	**37056**	328	40	162
280	250	6	05 65 280 *	**41865**	330	40	189
315	300	6	05 65 315 *	**37057**	380	45	226

UP. 65. FG - SWING CHECK VALVE

Swing check valve
- PVC-U body
- O-rings in EPDM perox.

Válvula de clapeta
- Cuerpo en PVC-U
- Anillos tóricos en EPDM perox.

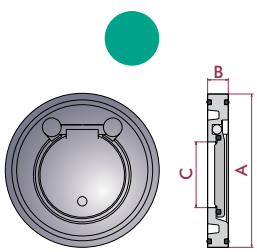


D	DN	PN	REF.	CODE	A	B	C
63	50	6	05 65 063 FG *	**37055**FG	109	20	32
75	65	6	05 65 075 FG	**08984**FG	129	20	40
90	80	6	05 65 090 FG	**08985**FG	144	20	52
110	100	6	05 65 110 FG	**08986**FG	164	22	70
125	125	6	05 65 125 FG	**09040**FG	170	25	83
140	125	6	05 65 140 FG	**08987**FG	195	23	92
160	150	6	05 65 160 FG	**08988**FG	220	25	112
200	175	6	05 65 200 FG	**09041**FG	247	28	139
225	200	6	05 65 225 FG	**08989**FG	275	35	150
250	250	6	05 65 250 FG	**37056**FG	328	40	162
280	250	6	05 65 280 FG*	**41865**FG	330	40	189
315	300	6	05 65 315 FG*	**37057**FG	380	45	226

UP. 65. VIT - SWING CHECK VALVE

Swing check valve
- PVC-U body
- O-rings in FPM

Válvula de clapeta
- Cuerpo en PVC-U
- Anillos tóricos en FPM

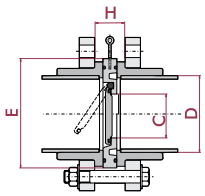


D	DN	PN	REF.	CODE	A	B	C
63	50	6	05 65 063 VIT*	**37055**VI	109	20	32
75	65	6	05 65 075 VIT	**08984**VI	129	20	40
90	80	6	05 65 090 VIT	**08985**VI	144	20	52
110	100	6	05 65 110 VIT	**08986**VI	164	22	70
125	125	6	05 65 125 VIT	**09040**VI	170	25	83
140	125	6	05 65 140 VIT	**08987**VI	195	23	92
160	150	6	05 65 160 VIT	**08988**VI	220	25	112
200	175	6	05 65 200 VIT	**09041**VI	247	28	139
225	200	6	05 65 225 VIT	**08989**VI	275	35	150
250	250	6	05 65 250 VIT	**37056**VI	328	40	162
280	250	6	05 65 280 VIT*	**41865**VI	330	40	189
315	300	6	05 65 315 VIT*	**37057**VI	380	45	226

UP. 65. VKIT - SWING CHECK VALVE KIT

Swing check valve with mounting kit
- PVC-U body
- O-rings in EPDM
- Loose flanges

Válvula de clapeta con kit accesorios
- Cuerpo en PVC-U
- Anillos tóricos en EPDM
- Bridas locas



D	DN	PN	REF.	CODE	C	H	E
63	50	6	05 65 063 RA *	**37073**	32	26	109
75	65	6	05 65 075 RA	**23312**	40	30	129
90	80	6	05 65 090 RA	**23313**	52	30	144
110	100	6	05 65 110 RA	**23314**	70	32	164
125	125	6	05 65 125 RA	**23315**	83	35	170
140	125	6	05 65 140 RA	**23316**	92	33	195
160	150	6	05 65 160 RA	**23317**	112	37	220
200	175	6	05 65 200 RA	**23318**	139	40	247
225	200	6	05 65 225 RA	**23319**	150	51	275
250	250	6	05 65 250 RA	**37074**	162	56	328
315	300	6	05 65 315 RA *	**37075**	226	64	330