



VBP

Edition. 21.1

CS Carbon Steel

• VBPSE

- Type: single pilot operated check valves
- Sizes: from DN6 up to DN50
- Ends: BSP
- Pressure: up to PN350
- Temp range: from -20°C to +100°C

• VBPDE

- Type: double pilot operated check valves
- Sizes: from DN6 up to DN50
- Ends: BSP
- Pressure: up to PN350
- Temp range: from -20°C to +100°C

• VBPDE CEXC

- Type: double pilot operated check valves
- Sizes: from DN6 up to DN50
- Ends: BSP
- Pressure: up to PN350
- Temp range: from -20°C to +100°C



CODE DESCRIPTION STRUCTURE

VBPSE **G1/2** **CS**

Type and way of valve

VBPSE single pilot operated check valves

Ends

GAS DIN/
ISO 228

BSP

G 1/4

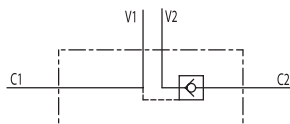
G 3/8

G 1/2

G 3/4

Material

● CS carbon steel



VBPDE **G1/2** **CS**

Type and way of valve

VBPDE double pilot operated check valves

Ends

GAS DIN/
ISO 228

BSP

G 1/4

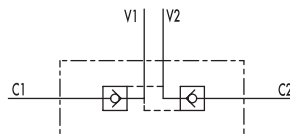
G 3/8

G 1/2

G 3/4

Material

● CS carbon steel



**VBPDE
CEXC** **G1/2** **CS**

Type and way of valve

VBPDE CEXC double pilot operated check valves

Ends

GAS DIN/
ISO 228

BSP

G 1/4

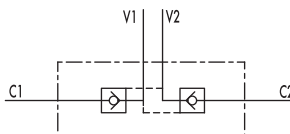
G 3/8

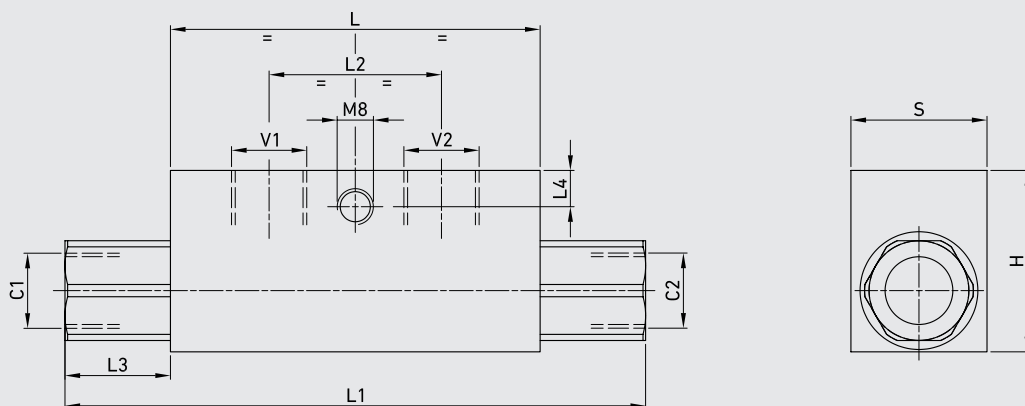
G 1/2

G 3/4

Material

● CS carbon steel





VBPSE Single pilot operated check valves

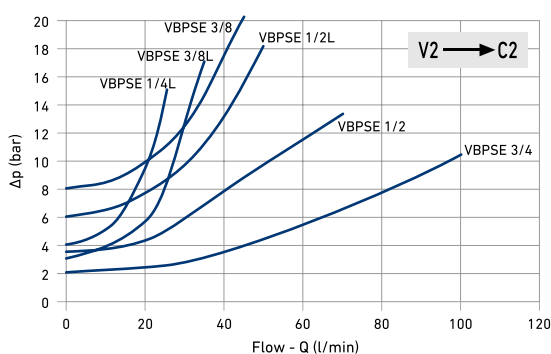
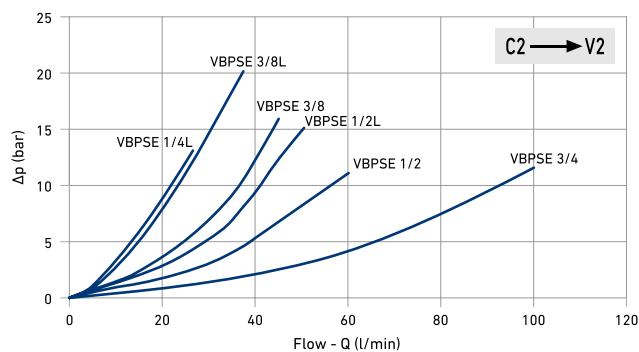
CS

Carbon Steel

TYPE	V1 - V2 C1 - C2 GAS - MET	MAX PRESSURE	CRACKING PRESSURE	L	L1	L2	L3	L4	H	S	WEIGHT	ITEM CODE
VBPSE 1/4" L	G 1/4"	MPa 35	0,4	mm 64	106,5	36	18,5	8	40	30	kg 0,612	NVB2G010000
		Psi 5075	58	inch 2,52	4,19	1,42	0,73	0,31	1,57	1,18	lb 1,35	
VBPSE 3/8" L	G 3/8"	MPa 35	0,3	mm 80	120	38	16	8	40	30	kg 0,706	NVB2G020000
		Psi 5075	43,5	inch 3,15	4,72	1,50	0,63	0,31	1,57	1,18	lb 1,56	
VBPSE 1/2" L	G 1/2"	MPa 35	0,6	mm 90	133	45	17	12,5	45	35	kg 0,994	NVB2G030000
		Psi 5075	87	inch 3,54	5,24	1,77	0,67	0,49	1,77	1,38	lb 2,19	
VBPSE 3/4" L	G 3/4"	MPa 35	0,2	mm 100	182	46	36	12	60	40	kg 1,792	NVB2G040000
		Psi 5075	29	inch 3,94	7,17	1,81	1,42	0,47	2,36	1,57	lb 3,95	

PRESSURE DROP CURVES

Temperature : 50°C / Oil viscosity: 30cSt



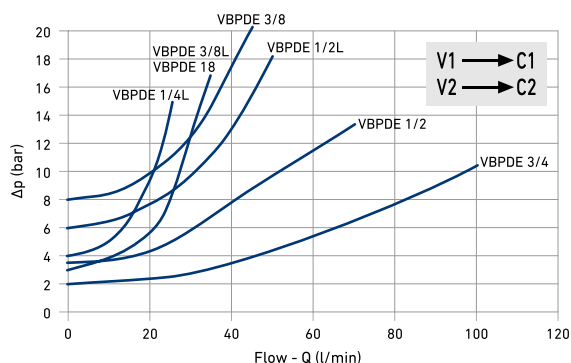
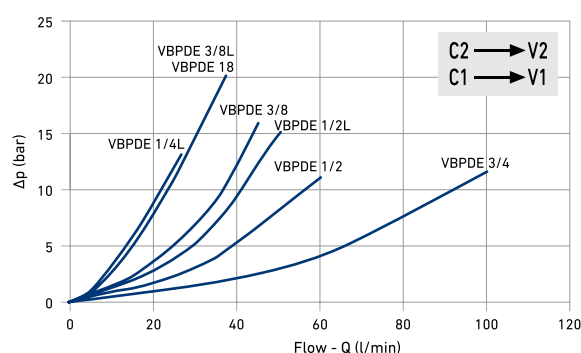
VBPDE Double pilot operated check valves

CS
Carbon Steel

TYPE	V1 - V2 C1 - C2 GAS - MET	MAX PRESSURE	CRACKING PRESSURE	L	L1	L2	L3	L4	H	S	WEIGHT	ITEM CODE
VBPDE 1/4" L	G 1/4"	MPa 35	0,4	mm 64	113	36	24,5	8	40	30	kg 0,636	NVB1G010000
		Psi 5075	58	inch 2,52	4,45	1,42	0,96	0,31	1,57	1,18	lb 1,40	
VBPDE 3/8" L	G 3/8"	MPa 35	0,3	mm 80	128	38	24	8	40	30	kg 0,736	NVB1G020000
		Psi 5075	43,5	inch 3,15	5,04	1,50	0,94	0,31	1,57	1,18	lb 1,62	
VBPDE 1/2" L	G 1/2"	MPa 35	0,6	mm 90	142	45	26	12,5	45	35	kg 1,042	NVB1G030000
		Psi 5075	87	inch 3,54	5,59	1,77	1,02	0,49	1,77	1,38	lb 2,30	
VBPDE 3/4" L	G 3/4"	MPa 30	0,2	mm 100	192	46	46	12	60	40	kg 1,916	NVB1G040000
		Psi 4350	29	inch 3,94	7,56	1,81	1,81	0,47	2,36	1,57	lb 4,22	

PRESSURE DROP CURVES

Temperature : 50°C / Oil viscosity: 30cSt



VBPDE CEXC Double pilot operated check valves for 12mm pipe mounting din (2353)

TYPE	V1 - V2 C1 - C2 GAS - MET	MAX PRESSURE	CRACKING PRESSURE	L	L1	L2	L3	H	S	WEIGHT
VBPDE 1/4" L 2 CEXC-10L	G 1/4"	MPa 35	0,7	mm 64	125	36	160	40	30	kg 0,644
		Psi 5075	101,5	inch 2,52	4,92	1,42	6,30	1,57	1,18	lb 1,42
VBPDE 1/4" L 2 CEXC	G 1/4"	MPa 35	0,4	mm 64	130	36	160	40	30	kg 0,648
		Psi 5075	58	inch 2,52	5,12	1,42	6,30	1,57	1,18	lb 1,43
VBPDE 3/8" L 2 CEXC	G 3/8"	MPa 35	0,4	mm 64	130	36	166	40	30	kg 0,630
		Psi 5075	58	inch 2,52	5,12	1,42	6,54	1,57	1,18	lb 1,39

PRESSURE DROP CURVES

Temperature : 50°C / Oil viscosity: 30cSt

