VBP

Edition. 21.3

CS Carbon Steel

- **VBPSE**
- Type: single pilot operated check valves
- Sizes: from DN6 up to DN20
- Ends: BSP
- Pressure: up to PN350
- Temp range: from -20°C to +100°C
- Treatment: Galvanized

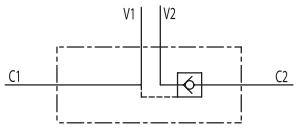
- **VBPDE**
- Type: double pilot operated check valves
- Sizes: from DN6 up to DN20
- Ends: BSP
- Pressure: up to PN350
- emp range: from -20°C to +100°C
- Treatment: Galvanized

- **VBPDE CEXC**
- Type: double pilot operated check valves
- Sizes: from DN6 up to DN20
- Ends: BSP
- Pressure: up to PN350
- Temp range: from -20°C to +100°C
- Treatment: Galvanized

- **VBPDE Type A**
- Type: inline double pilot operated check valves
- Sizes: from DN6 up to DN20
- Ends: BSP
- Pressure: up to PN350
- Temp range: from -20°C to +100°C
- Treatment: Galvanized



CODE DESCRIPTION STRUCTURE



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

Type and way of valve

VBPSE single pilot operated check valves

Ends

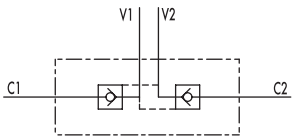
GAS DIN/
ISO 228
BSP

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

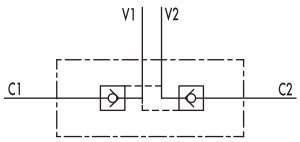
Ends

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

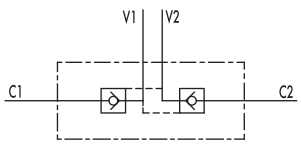
Ends

GAS DIN/
ISO 228
BSP

G 1/4
G 3/8
G 1/2
G 3/4

Material

● CS carbon steel



VBPDE Type A | **G1/2** | **CS**

Type and way of valve

VBPDE TYPE A inline double pilot operated check valves

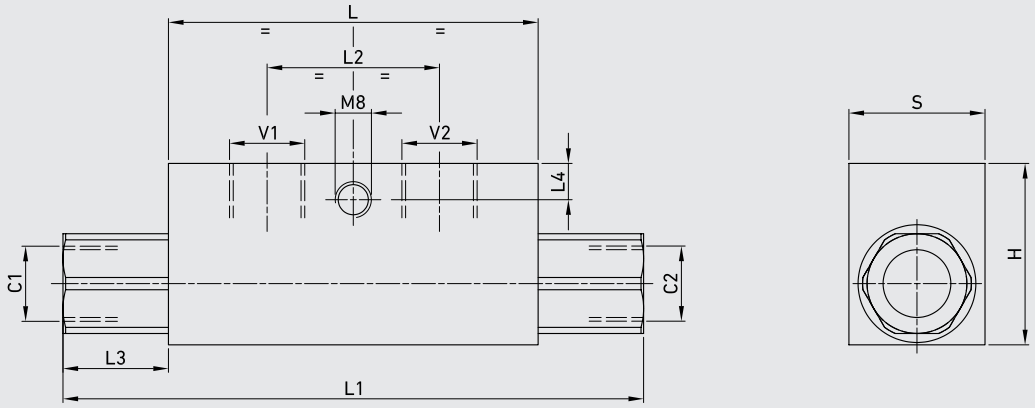
Ends

GAS DIN/
ISO 228
BSP

G 1/4
G 3/8
G 1/2
G 3/4

Material

● CS carbon steel



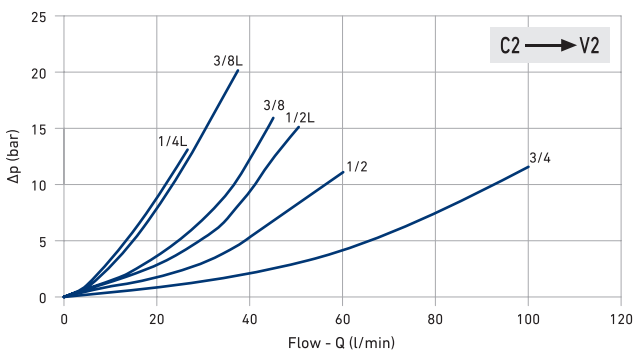
VBPSE Single pilot operated check valves

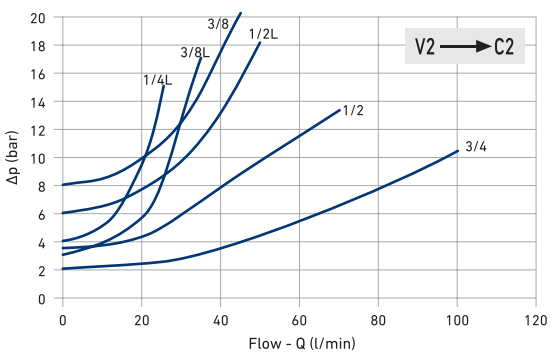
CS Carbon Steel

TYPE	V1 - V2 C1 - C2 GAS - MET		MAX PRESSURE	CRACKING PRESSURE		L	L1	L2	L3	L4	H	S	MAX FLOW (l/min)	PILOT RATIO	WEIGHT		ITEM CODE
VBPSE 1/4" L	G 1/4"	MPa	35	0,4	mm	64	106,5	36	18	8	40	30	20	5.5:1	kg	0,61	NVB2G010000
		Psi	5075	58	inch	2,52	4,19	1,42	0,71	0,31	1,57	1,18			lb	1,34	
VBPSE 3/8" L	G 3/8"	MPa	35	0,3	mm	68	120	38	22	8	40	30	35	5.5:1	kg	0,7	NVB2G020000
		Psi	5075	43,5	inch	2,68	4,72	1,50	0,87	0,31	1,57	1,18			lb	1,54	
VBPSE 1/2" L	G 1/2"	MPa	35	0,6	mm	90	133	45	17	12,5	45	35	50	5:1	kg	1	NVB2G030000
		Psi	5075	87	inch	3,54	5,24	1,77	0,67	0,49	1,77	1,38			lb	2,20	
VBPSE 3/8"	G 3/8"	MPa	35	0,8	mm	90	148	45	25	12,5	40	30	45	5:1	kg	0,95	NVB2G020250
		Psi	5075	116	inch	3,54	5,83	1,77	0,98	0,49	1,57	1,18			lb	2,09	
VBPSE 1/2"	G 1/2"	MPa	35	0,35	mm	80	134	40	22	18	60	35	70	4:1	kg	1,1	NVB2G030260
		Psi	5075	50,75	inch	3,15	5,28	1,57	0,87	0,71	2,36	1,38			lb	2,43	
VBPSE 3/4"	G 3/4"	MPa	35	0,2	mm	100	182	46	36	12	60	40	100	4:1	kg	1,7	NVB2G040000
		Psi	5075	29	inch	3,94	7,17	1,81	1,42	0,47	2,36	1,57			lb	3,75	

PRESSURE DROP CURVES

Temperature : 50°C / Oil viscosity: 30cSt





The company reserves the right to operate dimensional changes without prior notice.

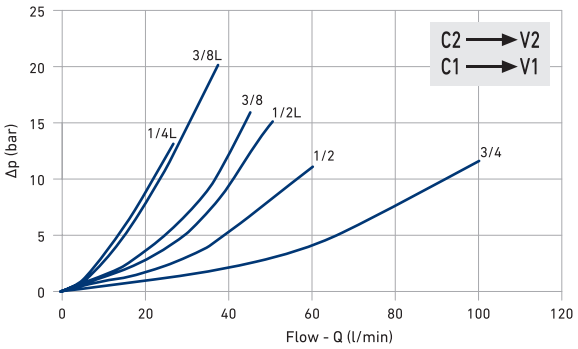
VBPDE Double pilot operated check valves

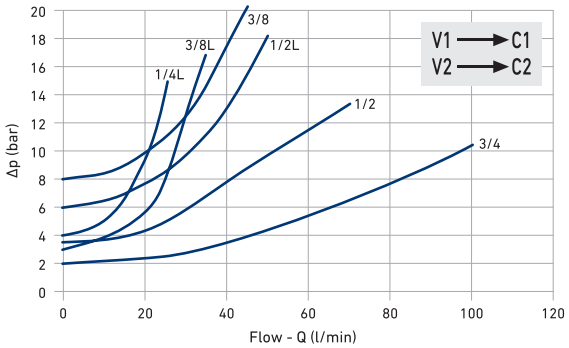
CS Carbon Steel

TYPE	V1 - V2 C1 - C2 GAS - MET		MAX PRESSURE	CRACKING PRESSURE		L	L1	L2	L3	L4	H	S	MAX FLOW (l/min)	PILOT RATIO	WEIGHT		ITEM CODE
VBPDE 1/4"L	G 1/4"	MPa	35	0,4	mm	64	113	36	24,5	8	40	30	20	5.5:1	kg	0,65	NVB1G010000
		Psi	5075	58	inch	2,52	4,45	1,42	0,96	0,31	1,57	1,18			lb	1,43	
VBPDE 3/8"L	G 3/8"	MPa	35	0,3	mm	68	128	38	30	8	40	30	35	5.5:1	kg	0,75	NVB1G020000
		Psi	5075	43,5	inch	2,68	5,04	1,50	1,18	0,31	1,57	1,18			lb	1,65	
VBPDE 1/2" L	G 1/2"	MPa	35	0,6	mm	90	142	45	26	12,5	45	35	50	5:1	kg	1,05	NVB1G030000
		Psi	5075	87	inch	3,54	5,59	1,77	1,02	0,49	1,77	1,38			lb	2,31	
VBPDE 3/8"	G 3/8"	MPa	35	0,8	mm	90	156	45	33	12,5	45	35	45	5:1	kg	1,15	NVB1G020050
		Psi	5075	116	inch	3,54	6,14	1,77	1,30	0,49	1,77	1,38			lb	2,54	
VBPDE 1/2"	G 1/2"	MPa	35	0,35	mm	80	144	40	32	18	60	35	70	4:1	kg	1,3	NVB1G030070
		Psi	5075	50,75	inch	3,15	5,67	1,57	1,26	0,71	2,36	1,38			lb	2,87	
VBPDE 3/4"	G 3/4"	MPa	30	0,2	mm	100	192	46	46	12	60	40	100	4:1	kg	1,95	NVB1G040000
		Psi	4350	29	inch	3,94	7,56	1,81	1,81	0,47	2,36	1,57			lb	4,30	

PRESSURE DROP CURVES

Temperature : 50°C / Oil viscosity: 30cSt



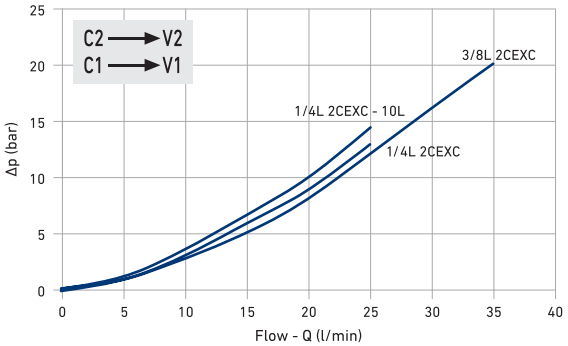


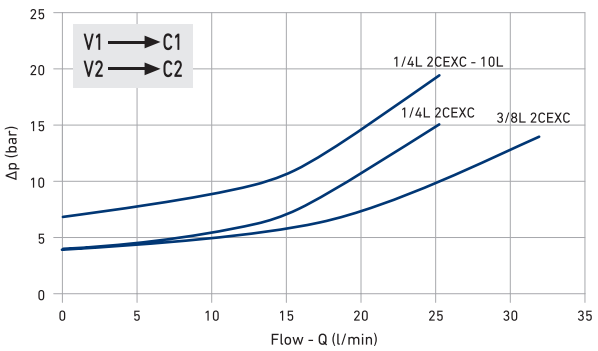
VBPDE CEXC Double pilot operated check valves for 12mm pipe mounting din (2353)

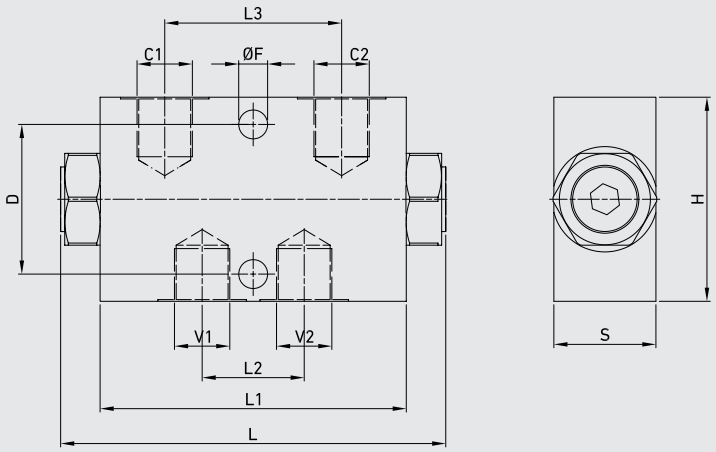
TYPE	V1 - V2 C1 - C2 GAS - MET		MAX PRESSURE	CRACKING PRESSURE		L	L1	L2	L3	H	S	MAX FLOW (l/min)	PILOT RATIO	WEIGHT	
VBPDE 1/4" L 2 CEXC-10L	G 1/4"	MPa	35	0,7	mm	64	125	36	160	40	30	20	5.5:1	kg	0,644
		Psi	5075	101,5	inch	2,52	4,92	1,42	6,30	1,57	1,18			lb	1,42
VBPDE 1/4" L 2 CEXC	G 1/4"	MPa	35	0,4	mm	64	130	36	160	40	30	20	5.5:1	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	30	5.5:1	kg	0,630
		Psi	5075	58	inch	2,52	5,12	1,42	6,54	1,57	1,18				1,39

PRESSURE DROP CURVES

Temperature : 50°C / Oil viscosity: 30cSt







VBPDE TYPE A Inline double pilot operated check valves

TYPE	V1 - V2 C1 - C2 GAS		MAX PRESSURE	CRACKING PRESSURE		L	L1	L2	L3	H	S	D	ØF	MAX FLOW (l/min)	PILOT RATIO	WEIGHT	
VBPDE 1/4" A	G 1/4"	MPa	35	0,3	mm	113	90	27	52	60	30	44	8,5	20	6.25:1	kg	0,644
		Psi	5075	43,5	inch	4,45	3,54	1,06	2,05	2,36	1,18	1,73	0,33			lb	1,42
VBPDE 3/8" A	G 3/8"	MPa	35	0,3	mm	113	90	30	52	60	30	44	8,5	30	6.25:1	kg	0,648
		Psi	5075	43,5	inch	4,45	3,54	1,18	2,05	2,36	1,18	1,73	0,33			lb	1,43
VBPDE 1/2" A	G 1/2"	MPa	35	0,3	mm	143	115	39	80	80	35	40	8,5	55	4:1	kg	0,648
		Psi	5075	43,5	inch	5,63	4,53	1,54	3,15	3,15	1,38	1,57	0,33			lb	1,43
VBPDE 3/8" A	G 3/4''	MPa	35	0,1	mm	177	158	50	105	80	50	58	10,5	100	3,8:1	kg	0,630
		Psi	5075	14,5	inch	6,97	6,22	1,97	4,13	3,15	1,97	2,28	0,41			lb	1,39

The company reserves the right to operate dimensional changes without prior notice.