

Hydraulic Quick Release Couplings - Technical Data

ISO 7241-1B

PBV1 Carbon Steel Range (500/50 Bar) Body sizes ISO 04 - 50
 PBVM Brass Range (300/50 Bar) Body sizes ISO 04 - 50
 PBVX Stainless Steel Range (400/50 Bar) Body sizes ISO 04 - 50

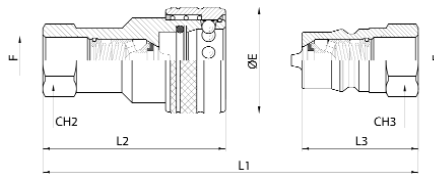
ISO B Norm

These couplings are stocked in 1/8 - 2 BSP (NPT and UNF threads available on request).

Applications: The robust nature of these couplings make the suitable for the iron, steel, oil and automobile industry. They offer excellent flow characteristics.

PBV1 Steel - Quick Release Couplings

ISO B Norm



Technical Data

Threads

BSP
 NPT available on request

Material

Main parts in brass. Springs in AISI 302 and balls in AISI 316
 Seals: Standards are in FPM (Viton™). Other seals provided on request
 Back-up Ring: In pure Teflon

Operating Temperature

NBR standard seals -25°C to +200°C

Special Requests

For assistance, contact our technical office or your local Camozzi distributor.

DN	ISO	CH2	CH3	øE	L1	L2	L3	BAR	Thread	Carrier Half	Probe Half
04	5	17	14	23	62	50	31	500	1/8	PBV1.0404.002	PBV1.0404.003
06	6.3	19	19	28	76	60	38	250	1/4	PBV1.0606.002	PBV1.0606.003
10	10	22	22	35	86	67.5	43	250	3/8	PBV1.1010.002	PBV1.1010.003
13	12.5	27	27	44	97	76	48.5	250	1/2	PBV1.1313.002	PBV1.1313.003
20	20	34	34	52	114	91.5	57	250	3/4	PBV1.2019.002	PBV1.2019.003
25	25	41	41	60	131	106	65.5	200	1	PBV1.2525.002	PBV1.2525.003
39	40	65	65	75	198	126	126	63	1 1/4	PBV1.3931.002	PBV1.3931.003
39	40	65	65	75	198	126	126	63	1 1/2	PBV1.3939.002	PBV1.3939.003
50	50	90	90	105	222	142	142	50	2	PBV1.5051.002	PBV1.5051.003

Dust Caps for ISO B

Application: Quick release couplings of the “Push-Pull” series are designed for use in all agricultural applications. The main characteristic of this coupling is to allow an automatic release in case of accidental pulls. This system avoids possible damage to the hydraulic circuit.

Dust Caps - for ISO 'B' Series

DN	Carrier Half	Probe Half
06	B.DC-18	B.DP-18
10	B.DC-14	B.DP-14
13	B.DC-38	B.DP-38
20	B.DC-12	B.DP-12
25	B.DC-34	B.DP-34
30	B.DC-100	B.DP-100
39	B.DC-114	B.DP-114
39	B.DC-112	B.DP-112
50	B.DC-200	B.DP-200

