



## ISO B

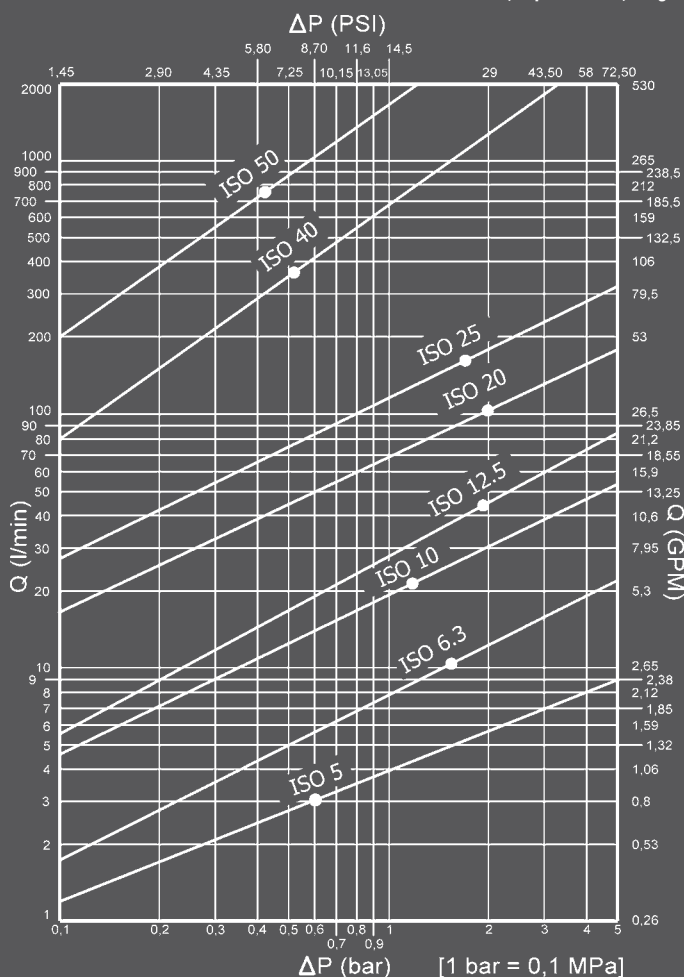
ACCIAIO INOX  
STAINLESS STEEL  
EDELSTAHL  
ACIER INOX

### Caratteristiche tecniche

- Norma: ISO 7241-1 B
- Occlusione: valvola
- Aggancio: sfere radiali
- Materiale: acciaio inox AISI 316
- Filettature: BSP - NPT
- Guarnizioni standard: FKM
- Temperatura d'esercizio: -25 °C +200 °C
- Guarnizioni opzionali: FFKM, EPDM o altro
- Pressioni di esercizio: 60-400 bar
- Connessione in pressione: non consentita

Nominal size				Max working pressure MPa	Rated flow l/min	Max flow rate l/min	Min burst pressure			Fluid spillage cc
DNP	BG	ISO	mm				Male	Female	Coupled	
04	0	5	4,2	40	3	9	210	200	140	0,5
06	1	6.3	6,5	35	12	24	170	150	160	1
10	2	10	8,5	30	23	46	110	110	210	2,4
13	3	12.5	10,5	30	45	90	150	140	150	3,9
20	4	20	15,8	22	106	220	100	90	100	11
25	5	25	17,3	20	189	260	60	65	85	19
39	7	40	36	8	379	757	25	25	25	95
50	8	50	50	6	757	1000	20	20	20	170

1 MPa = 145,04 psi • 1 l = 0,264 gal



### Technical data

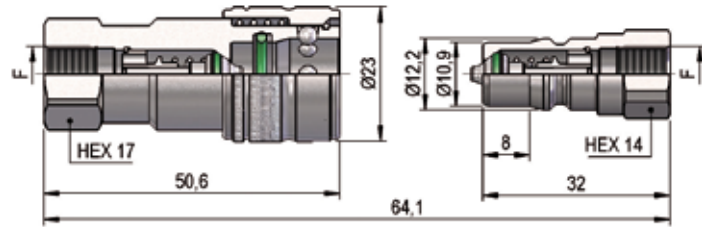
- Standard: ISO 7241-1 B
- Occlusion: poppet
- Locking: radial balls
- Material: stainless steel AISI 316
- Threads: BSP - NPT
- Standard seals: FKM
- Working temperature: -25 °C +200 °C
- Optional seals: FFKM, EPDM or more
- Working pressure: 60-400 bar
- Connection under pressure: not allowed

### Technische Merkmale

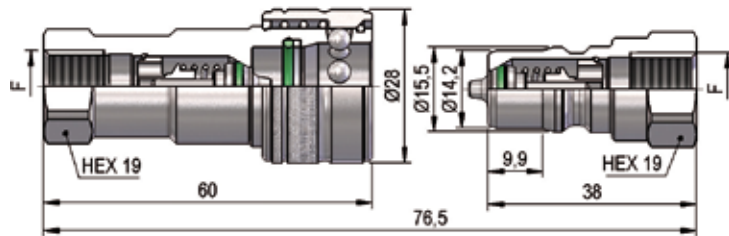
- Norm: ISO 7241-1 B
- Verschluss: ventil
- Kupplung: Radialkugeln
- Werkstoff: rostfreier Stahl AISI 316
- Gewinde: BSP - NPT
- Standard-Dichtungen: FKM
- Betriebstemperatur: -25 °C +200 °C
- Dichtungen nach Wahl: FFKM, EPDM, usw.
- Betriebsdruck: 60-400 bar
- Kuppeln unter Druck: nicht möglich

### Caracteristiques techniques

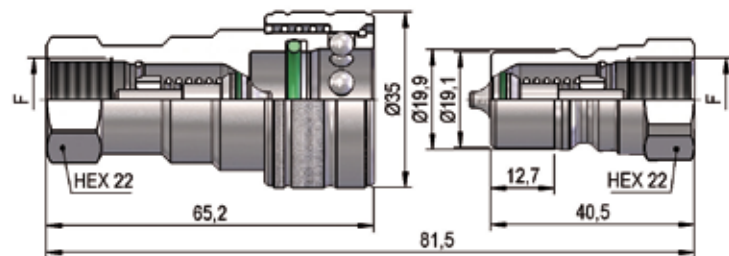
- Norme: ISO 7241-1 B
- Obturation: clapet
- Accrochage: billes radiales
- Matériel: acier inoxydable AISI 316
- Taraudage: BSP - NPT
- Joints standard: FKM
- Température de service: -25 °C +200 °C
- Joints facultatifs: FFKM, EPDM, ect.
- Pression de service: 60-400 bar
- Connexion sous pression: pas possible

**PBVX DN04 - BG 0 - ISO 5**


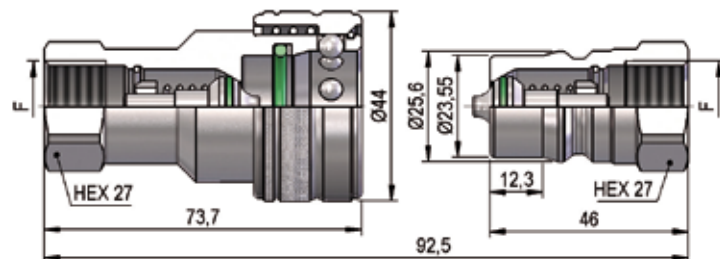
F	STANDARD	FEMMINA - FEMALE - MUFFE - FEMELLE			MASCHIO - MALE - STECKER - MALE		
		COD. F	Weight (g)	Packaging (pcs.)	COD. M	Weight (g)	Packaging (pcs.)
BSP 1/8"	DIN 3852-2-X	PBVX.0404.002	78	160	PBVX.0404.003	19	500
NPT 1/8"	ANSI B1.20.3	PBVX.0404.012	78	160	PBVX.0404.013	19	500

**PBVX DN06 - BG 1 - ISO 6.3**


F	STANDARD	FEMMINA - FEMALE - MUFFE - FEMELLE			MASCHIO - MALE - STECKER - MALE		
		COD. F	Weight (g)	Packaging (pcs.)	COD. M	Weight (g)	Packaging (pcs.)
BSP 1/4"	DIN 3852-2-X	PBVX.0606.002	130	100	PBVX.0606.003	40	300
NPT 1/4"	ANSI B1.20.3	PBVX.0606.012	131	100	PBVX.0606.013	41	300

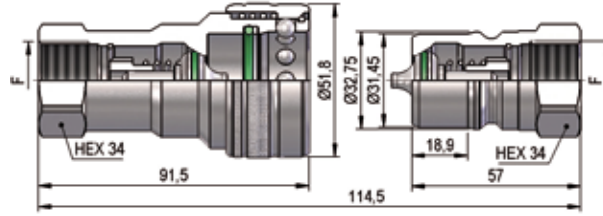
**PBVX DN10 - BG 2 - ISO 10**


F	STANDARD	FEMMINA - FEMALE - MUFFE - FEMELLE			MASCHIO - MALE - STECKER - MALE		
		COD. F	Weight (g)	Packaging (pcs.)	COD. M	Weight (g)	Packaging (pcs.)
BSP 3/8"	DIN 3852-2-X	PBVX.1010.002	197	48	PBVX.1010.003	60	150
NPT 3/8"	ANSI B1.20.3	PBVX.1010.012	198	48	PBVX.1010.013	61	150

**PBVX DN13 - BG 3 - ISO 12.5**


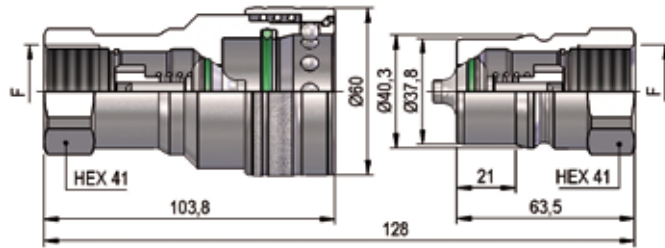
F	STANDARD	FEMMINA - FEMALE - MUFFE - FEMELLE			MASCHIO - MALE - STECKER - MALE		
		COD. F	Weight (g)	Packaging (pcs.)	COD. M	Weight (g)	Packaging (pcs.)
BSP 1/2"	DIN 3852-2-X	PBVX.1313.002	346	30	PBVX.1313.003	107	100
NPT 1/2"	ANSI B1.20.3	PBVX.1313.012	350	30	PBVX.1313.013	109	100

**PBVX DN20 - BG 4 - ISO 20**



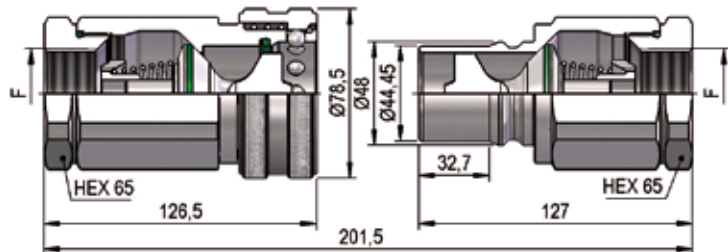
F	STANDARD	FEMMINA - FEMALE - MUFFE - FEMELLE			MASCHIO - MALE - STECKER - MALE		
		COD. F	Weight (g)	Packaging (pcs.)	COD. M	Weight (g)	Packaging (pcs.)
BSP 3/4"	DIN 3852-2-X	PBVX.2019.002	560	25	PBVX.2019.003	210	45
NPT 3/4"	ANSI B1.20.3	PBVX.2019.012	565	25	PBVX.2019.013	215	45

**PBVX DN25 - BG 5 - ISO 25**



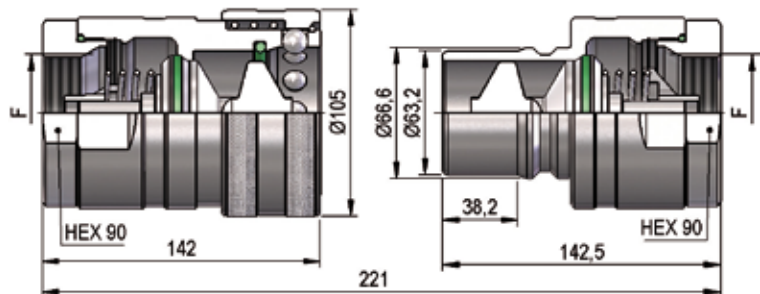
F	STANDARD	FEMMINA - FEMALE - MUFFE - FEMELLE			MASCHIO - MALE - STECKER - MALE		
		COD. F	Weight (g)	Packaging (pcs.)	COD. M	Weight (g)	Packaging (pcs.)
BSP 1"	DIN 3852-2-X	PBVX.2525.002	908	18	PBVX.2525.003	342	30
NPT 1"	ANSI B1.20.3	PBVX.2525.012	918	18	PBVX.2525.013	352	30

**PBVX DN39 - BG 7 - ISO 40**



F	STANDARD	FEMMINA - FEMALE - MUFFE - FEMELLE			MASCHIO - MALE - STECKER - MALE		
		COD. F	Weight (g)	Packaging (pcs.)	COD. M	Weight (g)	Packaging (pcs.)
BSP 1 1/4"	DIN 3852-2-X	PBVX.3931.002	2166	9	PBVX.3931.003	1382	8
NPT 1 1/4"	ANSI B1.20.3	PBVX.3931.012	2178	9	PBVX.3931.013	1394	8
BSP 1 1/2"	DIN 3852-2-X	PBVX.3939.002	2080	9	PBVX.3939.003	1304	8
NPT 1 1/2"	ANSI B1.20.3	PBVX.3939.012	2095	9	PBVX.3939.013	1320	8

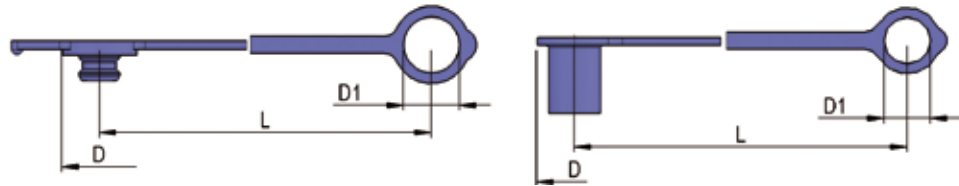
**PBVX DN50 - BG 8 - ISO 50**



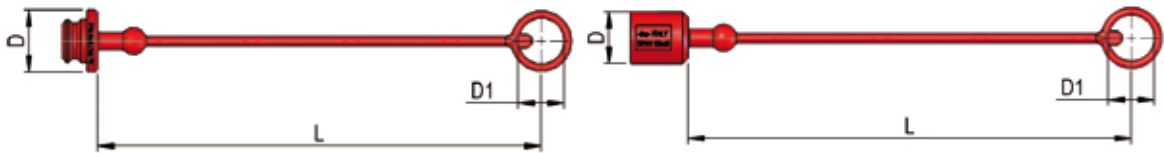
F	STANDARD	FEMMINA - FEMALE - MUFFE - FEMELLE			MASCHIO - MALE - STECKER - MALE		
		COD. F	Weight (g)	Packaging (pcs.)	COD. M	Weight (g)	Packaging (pcs.)
BSP 2"	DIN 3852-2-X	PBVX.5051.002	4970	4	PBVX.5051.003	3290	5
NPT 2"	ANSI B1.20.3	PBVX.5051.012	5050	4	PBVX.5051.013	3300	5

**PLASTIC CAPS**

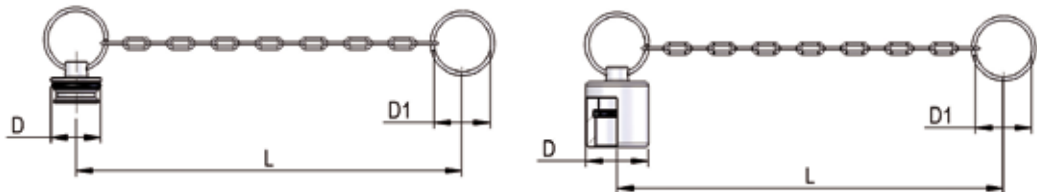
NOMINAL SIZE			FEMALE DUST PLUG				MALE DUST CAP				COLOUR	MATERIAL		
DNP	BG	ISO	COD. F	Dimensions			Weight (g)	COD. M	Dimensions			Weight (g)		
				D	L	D1			D	L	D1			
06	1	6.3	SPBV.06032	28	125	21	8	SPBV.06033	28	125	17	8	●	PVC
10	2	10	SPBV.10032	33	135	25	10	SPBV.10033	33	130	20	13	●	PVC
13	3	12.5	SPBV.13032	44	175	32	16	SPBV.13033	40	165	24	20	●	PVC
20	4	20	SPBV.20032	52	190	37	23	SPBV.20033	44	190	31	27	●	PVC
25	5	25	SPBV.25032	61	230	43	30	SPBV.25033	53	230	37	40	●	PVC



NOMINAL SIZE			FEMALE DUST PLUG				MALE DUST CAP				COLOUR	MATERIAL		
DNP	BG	ISO	COD. F	Dimensions			Weight (g)	COD. M	Dimensions			Weight (g)		
				D	L	D1			D	L	D1			
06	1	6.3	SPBV.06002	26	240	23	9	SPBV.06003	18	240	23	9	●	PVC
10	2	10	SPBV.10002	33	235	25	9	SPBV.10003	23	240	24	10	●	PVC
13	3	12.5	SPBV.13002	38	240	29	15	SPBV.13003	29	245	28	13	●	PVC
20	4	20	SPBV.20002	49	240	38	17	SPBV.20003	36	245	38	16	●	PVC
25	5	25	SPBV.25002	60	245	46	24	SPBV.25003	44	235	44	19	●	PVC


**METAL CAPS**

NOMINAL SIZE			FEMALE DUST PLUG				MALE DUST CAP				MATERIAL		
DNP	BG	ISO	COD. F	Dimensions			Weight (g)	COD. M	Dimensions			Weight (g)	
				D	L	D1			D	L	D1		
06	1	6.3	SPBV.06202	22	210	30	15	SPBV.06203	22	245	28	32	Aluminum
06	1	6.3	-	-	-	-	-	SPBV.06303	21	260	19	49	AISI 316
10	2	10	SPBV.10202	22	155	30	18	SPBV.10203	27	155	30	34	Aluminum
13	3	12.5	SPBV.13202	28	305	41	34	SPBV.13203	35	265	41	66	Aluminum
20	4	20	SPBV.20202	35	265	43	49	SPBV.20203	42	250	30	102	Aluminum
25	5	25	SPBV.25202	44	240	41	70	SPBV.25203	48	340	49	126	Aluminum
39	7	40	SPBV.39202	74	225	46	175	SPBV.39203	55	225	46	205	Aluminum
50	8	50	SPBV.50202	105	350	75	265	SPBV.50203	80	350	75	365	Aluminum


**SPARE PARTS**

NOMINAL SIZE			FEMALE GASKET	
DNP	BG	ISO	OR (VITON)	BK (PTFE)
04	0	5	PBV.004.120 V	PBV.004.130
06	1	6.3	PBV.006.120 V	PBV.006.130
10	2	10	PDV.010.120 V	PBV.010.130
13	3	12.5	PBV.013.120 V	PBV.013.130
20	4	20	PBV.019.120 V	PBV.019.130
25	5	25	PBV.025.120 V	PBV.025.130
39	7	40	PBV.039.120 V	-
50	8	50	PBV.050.120 V	-

