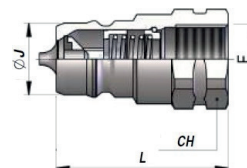
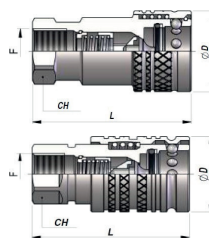


# ABIR.NP / AIPPV1

COUPLEUR A CLAPET  
VALVE QUICK COUPLING



"PUSH-PULL"

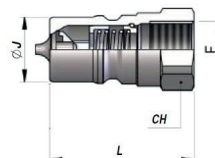
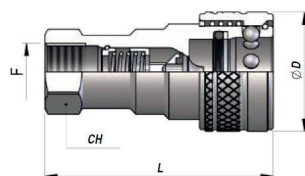


Code Code	F BSP	P MAX bar**	L	ØD	CH	kg
<b>FEMELLE - FEMALE / ISO 7241 A</b>						
ABIRFNP004000	1/4"	350	49.2	26	19	0,11
ABIRFNP006000	3/8"	350	60,5	30	22	0,15
ABIRFNP008000	1/2"	250	70	38	27	0,27
ABIRFNP012000	3/4"	250	84,3	45	34	0,43
ABIRFNP016000	1"	250	101	52	41	0,7
ABIRFNP020000	1"1/4	200	117	70	50	1,51
<b>FEMELLE - FEMALE / ISO 7241 A "PUSH-PULL"</b>						
AIPPV11313002	1/2"	250	70	38	27	0,3

Code Code	F BSP	P MAX bar**	L	ØJ	CH	kg
<b>MÂLE - MALE / ISO 7241 A</b>						
ABIRMNP004000	1/4"	350	35	11.85	19	0,04
ABIRMNP006000	3/8"	350	42,5	17.3	22	0,06
ABIRMNP008000	1/2"	250	48	20.55	27	0,1
ABIRMNP012000	3/4"	250	57	29.1	34	0,18
ABIRMNP016000	1"	250	67,5	34.35	41	0,3
ABIRMNP020000	1"1/4	200	75	45	50	0,56

# AIPBV1

COUPLEUR A CLAPET  
VALVE QUICK COUPLING

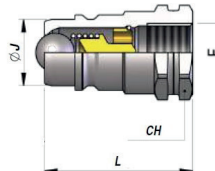
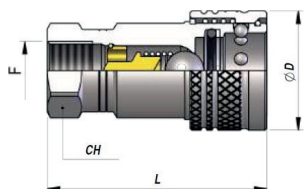


Code Code	F BSP	P MAX bar**	L	ØD	CH	kg
<b>FEMELLE - FEMALE / ISO 7241 B</b>						
AIPBV10606002	1/4"	250	60	28	19	0,12
AIPBV11010002	3/8"	250	67.2	35	22	0,19

Code Code	F BSP	P MAX bar**	L	ØJ	CH	kg
<b>MÂLE - MALE / ISO 7241 B</b>						
AIPBV10606003	1/4"	250	38	14.2	19	0,04
AIPBV11010003	3/8"	250	42.5	19.1	22	0,6

# AIPDS1

COUPLEUR A BILLE  
BALL QUICK COUPLING



Code Code	F BSP	P MAX bar**	L	ØD	CH	kg
<b>FEMELLE - FEMALE / ISO 7241 A</b>						
AIPDS11010002	3/8"	250	63	34	24	0,21

Code Code	F BSP	P MAX bar**	L	ØJ	CH	kg
<b>MÂLE - MALE / ISO 7241 A</b>						
AIPDS11010003	3/8"	250	42.5	19	24	0,09

\*\* COUPLES - COUPLED

## ISO B/STEEL

ACCIAIO  
STEEL  
STAHL  
ACIER

### Caratteristiche tecniche I

- Norma: ISO 7241 B
- Occlusione: valvola
- Aggancio: sfere radiali
- Materiale: acciaio
- Finitura: Zn-Fe (Cr III)
- Filettature: BSP-NPT-SAE
- Guarnizioni standard: NBR
- Temperatura d'esercizio: -25°C +100°C
- Guarnizioni opzionali: FKM, FFKM, EPDM o altro.
- Pressioni di esercizio: 100-500 bar
- Connessione in pressione residua: non consentita

### Technical data E

- Standard: ISO 7241 B
- Occlusion: poppet
- Locking: radial balls
- Material: steel
- Finishing: Zn-Fe (Cr III)
- Threads: BSP-NPT-SAE
- Standard seals: NBR
- Working temperature: -25°C +100°C
- Optional seals: FKM, FFKM, EPDM or more.
- Working pressure: 100-500 bar
- Connection under residual pressure: not allowed

### Technische Merkmale D

- Norm: ISO 7241 B
- Verschluss: ventil
- Verriegelung: Stahlkugeln
- Werkstoff: Stahl
- Ausführung: Zn-Fe (Cr III)
- Gewinde: BSP-NPT-SAE
- Standard-Dichtungen: NBR
- Betriebstemperatur: -25°C +100°C
- Dichtungen nach Wahl: FKM, FFKM, EPDM, usw.
- Betriebsdruck: 100-500 bar

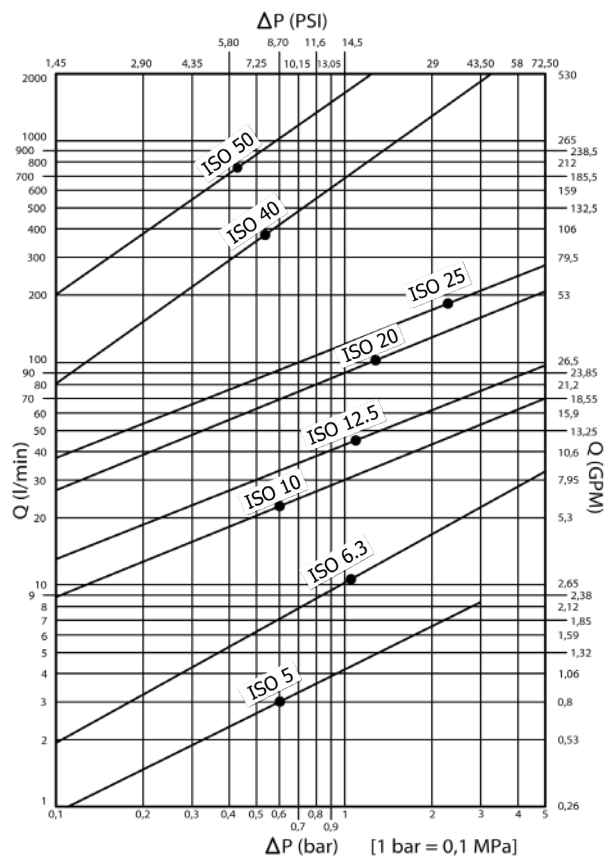
### Caracteristiques techniques F

- Norme: ISO 7241 B
- Obturation: clapet
- Accrochage: billes radiales
- Matériel: acier
- Traitement: Zn-Fe (Cr III)
- Taraudage: BSP-NPT-SAE
- Joints standard: NBR
- Température de service: -25°C +100°C
- Joints facultatifs: FKM, FFKM, EPDM, ect.
- Pression de service: 100-500 bar
- Connexion sous pression résiduelle: pas possible

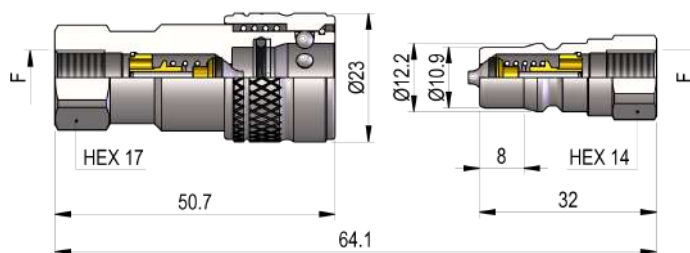


Nominal size				Max working pressure	Rated flow	Max flow rate	Min burst pressure			Fluid spillage
	BG	ISO	mm				Male	Female	Coupled	
04	0	5	4.2	50	3	9	240	230	270	0.5
06	1	6.3	6.5	25	12	24	110	180	100	1
10	2	10	8.5	25	23	46	140	140	130	2.4
13	3	12.5	10.5	25	45	90	110	140	110	3.9
20	4	20	15.8	25	106	220	100	130	120	11
25	5	25	17.3	25	189	260	100	110	100	19
39	7	40	36	20	379	757	80	80	80	95
50	8	50	50	10	757	1000	40	40	40	170

1 MPa = 145.04 psi • 1 l = 0.264 gal

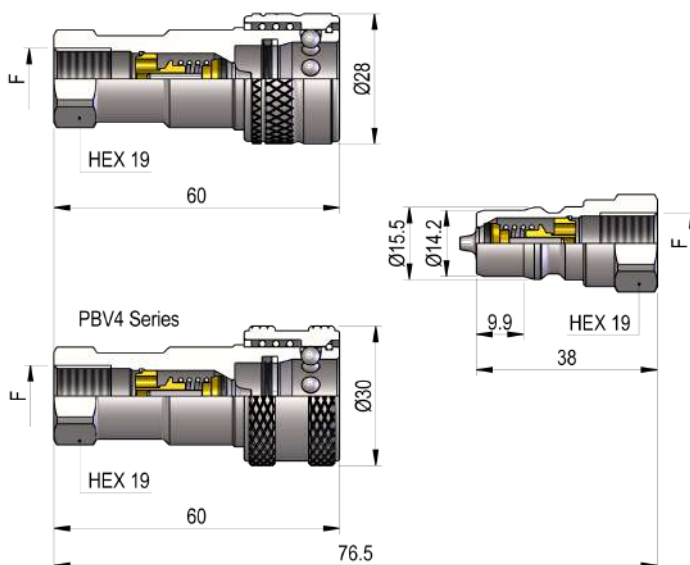


## PBV1 DN04 - BG 0 - ISO 5



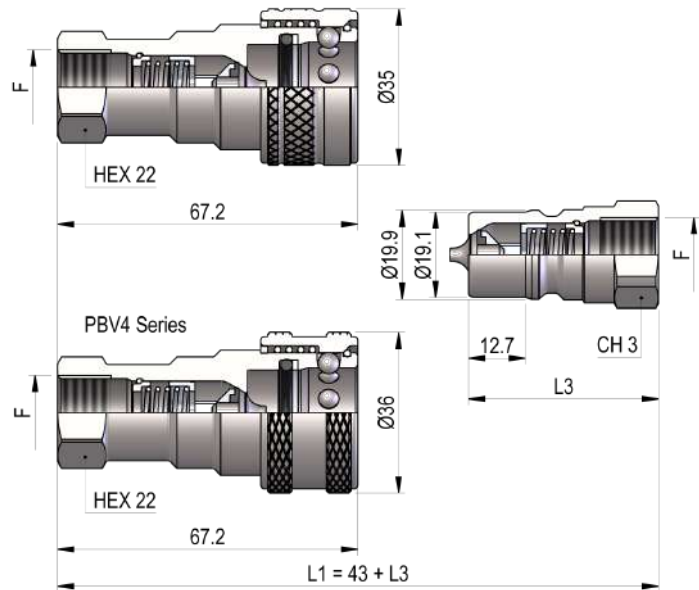
F	STANDARD	FEMMINA - FEMALE - MUFFE - FEMELLE			MASCHIO - MALE - STECKER - MALE		
		COD. F	Weight (g)	Packaging (pcs)	COD. M	Weight (g)	Packaging (pcs)
BSP 1/8"	DIN 3852-2-X	PBV1.0404.002	89	160	PBV1.0404.003	20	500
NPT 1/8"	ANSI B1.20.3	PBV1.0404.012	89	160	PBV1.0404.013	20	500

## PBV1 DN06 - BG 1 - ISO 6.3



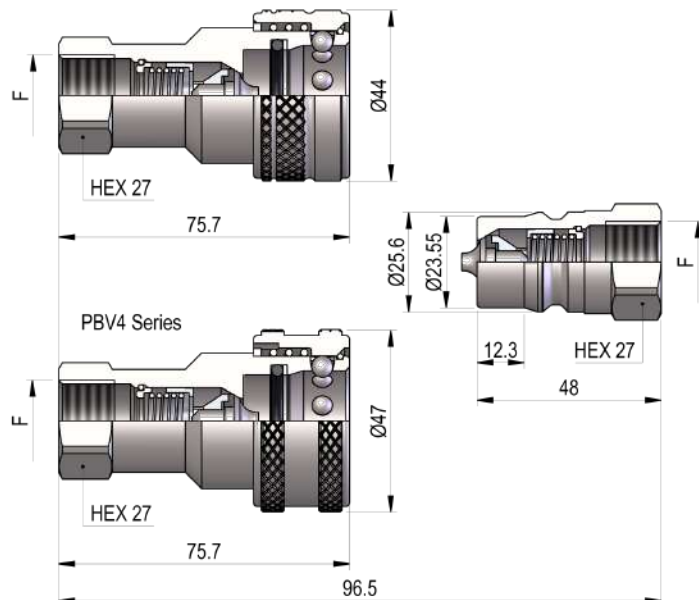
F	STANDARD	FEMMINA - FEMALE - MUFFE - FEMELLE			MASCHIO - MALE - STECKER - MALE		
		COD. F	Weight (g)	Packaging (pcs)	COD. M	Weight (g)	Packaging (pcs)
BSP 1/4"	DIN 3852-2-X	PBV1.0606.002	123	100	PBV1.0606.003	39	300
NPT 1/4"	ANSI B1.20.3	PBV1.0606.012	124	100	PBV1.0606.013	40	300
BSP 1/4"	DIN 3852-2-X	PBV4.0606.002	133	80			
NPT 1/4"	ANSI B1.20.3	PBV4.0606.012	134	80			

## PBV1 DN10 - BG 2 - ISO 10



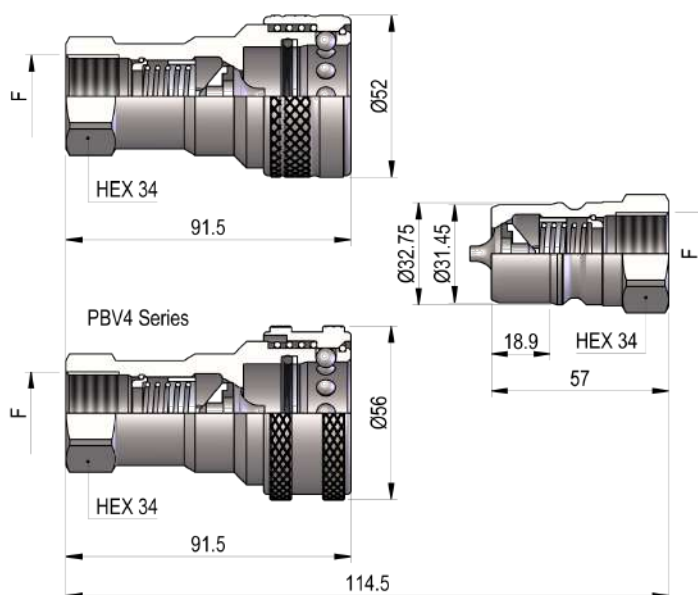
CH3	L3	F	STANDARD	FEMMINA - FEMALE - MUFFE - FEMELLE			MASCHIO - MALE - STECKER - MALE		
				COD. F	Weight (g)	Packaging (pcs)	COD. M	Weight (g)	Packaging (pcs)
22	42.5	BSP 3/8"	DIN 3852-2-X	PBV1.1010.002	194	54	PBV1.1010.003	61	200
22	42.5	NPT 3/8"	ANSI B1.20.3	PBV1.1010.012	196	54	PBV1.1010.013	62	200
27	46	3/4"-16 UNF 2B	SAE J 1926-1				PBV1.1019.033	82	150
22	42.5	BSP 3/8"	DIN 3852-2-X	PBV4.1010.002	198	40			
22	42.5	NPT 3/8"	ANSI B1.20.3	PBV4.1010.012	200	40			

## PBV1 DN13 - BG 3 - ISO 12.5



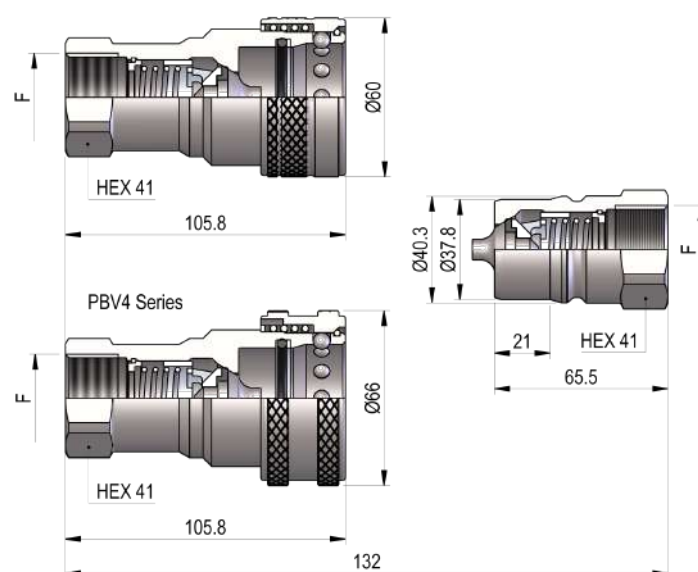
F	STANDARD	FEMMINA - FEMALE - MUFFE - FEMELLE			MASCHIO - MALE - STECKER - MALE		
		COD. F	Weight (g)	Packaging (pcs)	COD. M	Weight (g)	Packaging (pcs)
BSP 1/2"	DIN 3852-2-X	PBV1.1313.002	346	45	PBV1.1313.003	112	200
NPT 1/2"	ANSI B1.20.3	PBV1.1313.012	349	45	PBV1.1313.013	115	200
BSP 1/2"	DIN 3852-2-X	PBV4.1313.002	373	30			
NPT 1/2"	ANSI B1.20.3	PBV4.1313.012	376	30			

## PBV1 DN20 - BG 4 - ISO 20



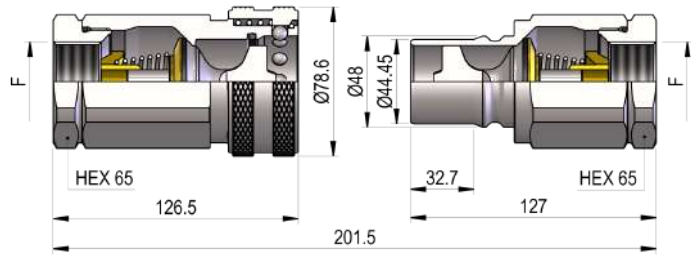
F	STANDARD	FEMMINA - FEMALE - MUFFE - FEMELLE			MASCHIO - MALE - STECKER - MALE		
		COD. F	Weight (g)	Packaging (pcs)	COD. M	Weight (g)	Packaging (pcs)
BSP 3/4"	DIN 3852-2-X	PBV1.2019.002	548	25	PBV1.2019.003	202	45
NPT 3/4"	ANSI B1.20.3	PBV1.2019.012	551	25	PBV1.2019.013	207	45
BSP 3/4"	DIN 3852-2-X	PBV4.2019.002	593	20			
NPT 3/4"	ANSI B1.20.3	PBV4.2019.012	596	20			

## PBV1 DN25 - BG 5 - ISO 25



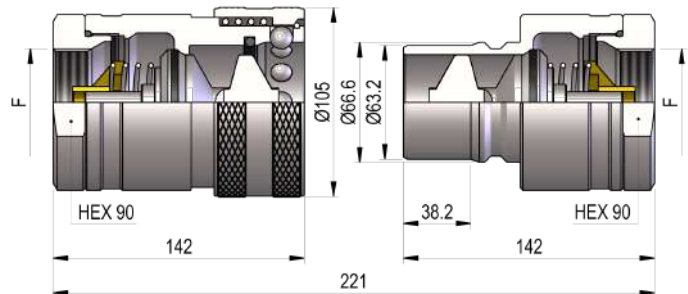
F	STANDARD	FEMMINA - FEMALE - MUFFE - FEMELLE			MASCHIO - MALE - STECKER - MALE		
		COD. F	Weight (g)	Packaging (pcs)	COD. M	Weight (g)	Packaging (pcs)
BSP 1"	DIN 3852-2-X	PBV1.2525.002	860	18	PBV1.2525.003	355	30
NPT 1"	ANSI B1.20.3	PBV1.2525.012	870	18	PBV1.2525.013	364	30
BSP 1"	DIN 3852-2-X	PBV4.2525.002	990	15			
NPT 1"	ANSI B1.20.3	PBV4.2525.012	1000	15			

## PBV1 DN39 - BG 7 - ISO 40



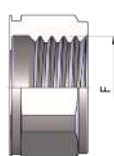
THREADS	F	STANDARD	FEMMINA - FEMALE - MUFFE - FEMELLE			MASCHIO - MALE - STECKER - MALE		
			COD. F	Weight (g)	Packaging (pcs)	COD. M	Weight (g)	Packaging (pcs)
IG 1	BSP 1"¼	DIN 3852-2-X	PBV1.3931.002	2132	9	PBV1.3931.003	1340	12
	NPT 1"¼	ANSI B1.20.3	PBV1.3931.012	2147	9	PBV1.3931.013	1355	12
	BSP 1"½	DIN 3852-2-X	PBV1.3939.002	2050	9	PBV1.3939.003	1258	12
	NPT 1"½	ANSI B1.20.3	PBV1.3939.012	2066	9	PBV1.3939.013	1274	12
IG 2	1"5/8-12 UN 2B	SAE J 1926-1	PBV1.3941.032	2139	9	PBV1.3941.033	1347	12

## PBV1 DN50 - BG 8 - ISO 50

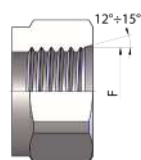


F	STANDARD	FEMMINA - FEMALE - MUFFE - FEMELLE			MASCHIO - MALE - STECKER - MALE		
		COD. F	Weight (g)	Packaging (pcs)	COD. M	Weight (g)	Packaging (pcs)
BSP 2"	DIN 3852-2-X	PBV1.5051.002	4900	4	PBV1.5051.003	3100	5
NPT 2"	ANSI B1.20.3	PBV1.5051.012	5000	4	PBV1.5051.013	3200	5

THREADS



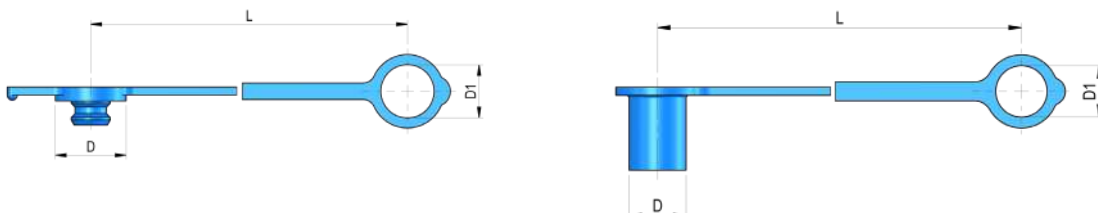
IG 1



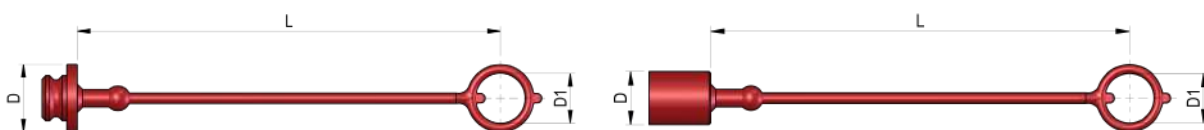
IG 2

## PLASTIC CAPS

NOMINAL SIZE		FEMALE DUST PLUG						MALE DUST CAP						COLOR	MATERIAL
BG	ISO	COD. F	Dimensions			Weight	COD. M	Dimensions			Weight				
			D	L	D1	(g)		D	L	D1	(g)				
06	1	6.3	SPBV.06032	28	123	20.5	8	SPBV.06033	19.5	123	17	8	●	PVC	
10	2	10	SPBV.10032	33	135	25	10	SPBV.10033	25	127	20	13	●	PVC	
13	3	12.5	SPBV.13032	44.5	174	31.5	16	SPBV.13033	31	160	24.5	20	●	PVC	
20	4	20	SPBV.20032	52	185	37	23	SPBV.20033	37	190	30.5	27	●	PVC	
25	5	25	SPBV.25032	61.5	225	43	30	SPBV.25033	45	230	37	40	●	PVC	

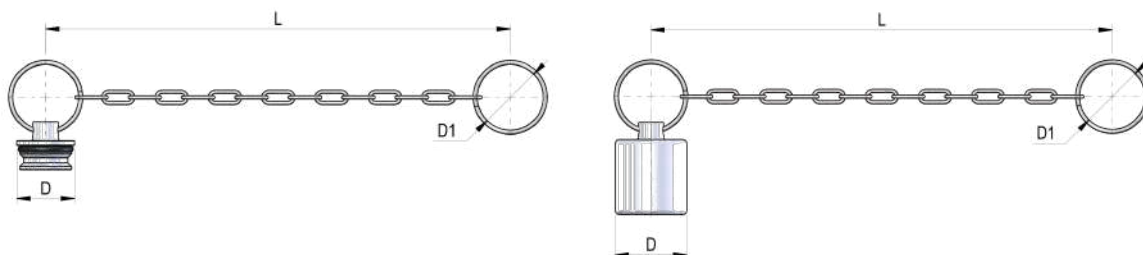


NOMINAL SIZE		FEMALE DUST PLUG						MALE DUST CAP						COLOR	MATERIAL
BG	ISO	COD. F	Dimensions			Weight	COD. M	Dimensions			Weight				
			D	L	D1	(g)		D	L	D1	(g)				
06	1	6.3	SPBV.06002	26	206	21	14	SPBV.06003	19	206	21	13	●	PVC	
06	1	6.3	SPBV.06042	26	206	21	14	SPBV.06043	19	206	21	13	●	PVC	
10	2	10	SPBV.10002	33	206	23	18	SPBV.10003	24	206	23	16	●	PVC	
13	3	12.5	SPBV.13002	38	240	28	24	SPBV.13003	30	240	28	22	●	PVC	
20	4	20	SPBV.20002	50	270	41	33	SPBV.20003	37	270	41	29	●	PVC	
25	5	25	SPBV.25002	60	275	43	42	SPBV.25003	46	275	43	40	●	PVC	

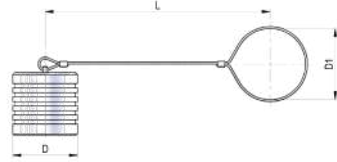


## METAL CAPS

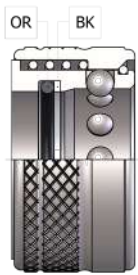
NOMINAL SIZE		FEMALE DUST PLUG						MALE DUST CAP						MATERIAL
BG	ISO	COD. F	Dimensions			Weight	COD. M	Dimensions			Weight			
			D	L	D1	(g)		D	L	D1	(g)			
06	1	6.3	SPBV.06202	22	170	22	15	SPBV.06203	22	170	22	32	Aluminum	
10	2	10	SPBV.10202	22	170	22	18	SPBV.10203	27	170	22	34	Aluminum	
13	3	12.5	SPBV.13202	28.5	175	27	34	SPBV.13203	35	175	27	66	Aluminum	
20	4	20	SPBV.20202	35	225	30	49	SPBV.20203	41.5	225	30	102	Aluminum	
25	5	25	SPBV.25202	44.5	280	41	70	SPBV.25203	48	280	41	126	Aluminum	



NOMINAL SIZE			FEMALE DUST PLUG					MALE DUST CAP					MATERIAL
BG	ISO	COD. F	Dimensions			Weight (g)	COD. M	Dimensions			Weight (g)		
			D	L	D1			D	L	D1			
39	7	40	SPBV.39202	79	225	70.5	139	SPBV.39203	64.5	225	70.5	293	Aluminum
50	8	50	SPBV.50202	105	350	75	265	SPBV.50203	80	350	75	365	Aluminum



## SPARE PARTS



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

\*AL CODICE DELLA GUARNIZIONE IN NBR AGGIUNGERE 'E' PER EPDM O 'V' PER VITON

\*TO THE NBR GASKET CODE ADD 'E' FOR EPDM OR 'V' FOR VITON

\*ZU DER ARTIKELNR. DER NBR DICHTUNG GEBEN SIE 'E' FUER EPDM ODER 'V' FUER VITON AN

\*AU CODE DU JOINT EN NBR JOINDRE 'E' POUR EPDM OU 'V' POUR VITON