

**STANDARD**

SFERA  
BALL  
KUGEL  
BILLE

**Caratteristiche tecniche I**

- Intercambiabilità: con i principali produttori
- Occlusione: sfera
- 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: 200-300 bar
- Connessione in pressione: non consentita

**Technical data E**

- Interchange: with the main producers
- Occlusion: ball
- 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: 200-300 bar
- Connection under pressure: not allowed

**Technische Merkmale D**

- Austauschbarkeit: mit den wichtigsten Lieferanten
- Verschluss: kugel
- Kupplung: Radial Kugeln
- 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: 200-300 bar
- Kuppeln unter Druck: nicht möglich

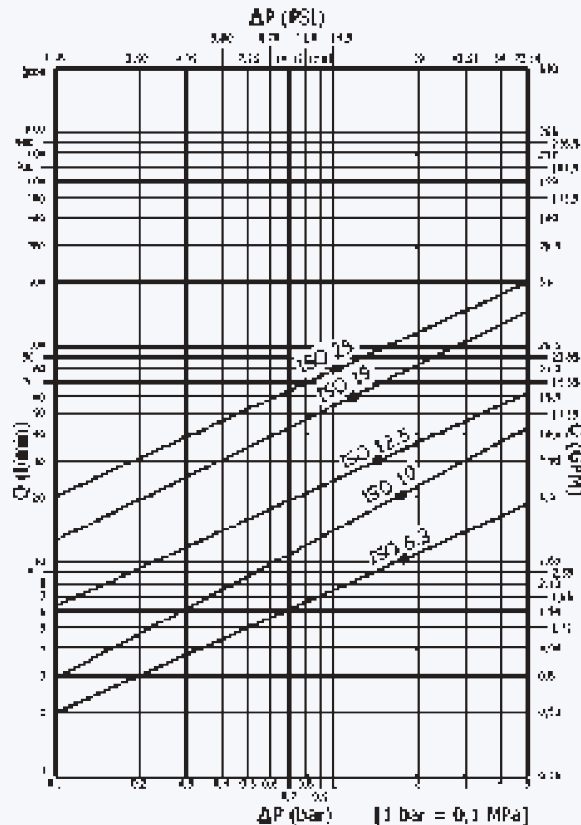
**Caracteristiques techniques F**

- Intercangeabilité: avec les principaux producteurs
- Obturation: bille
- 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: 200-300 bar
- Connexion sous pression: pas possible

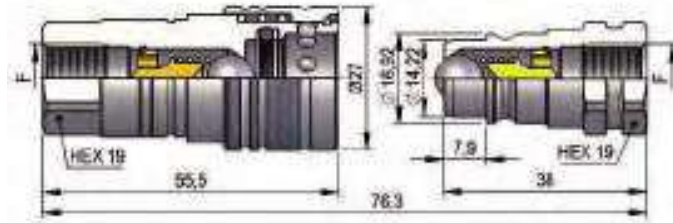


Nominal size				Max working pressure MPa	Rated flow l/min	Max flow rate l/min	Min burst pressure			Fluid spillage cc
DNP	BG	ISO	mm				Male MPa	Female MPa	Coupled MPa	
06	1	6.3	5.3	30	12	20	120	120	150	0.5
10	2	10	7.4	25	23	35	100	100	160	1.4
13	3	12.5	8.9	20	30	55	80	95	130	1.9
20	4	19	12.4	20	60	120	80	110	120	4.6
25	5	25	13.1	20	80	160	85	110	100	5.9

1 MPa = 145.04 psi • 1 l = 0.264 gal

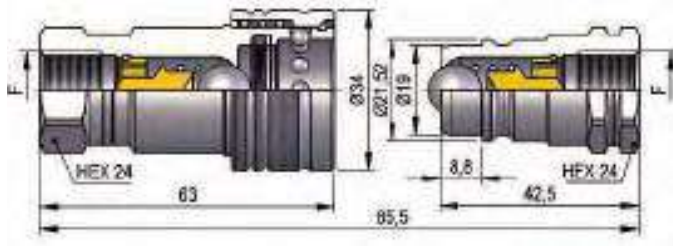


## PDS1 DN06 - BG 1 - ISO 6.3



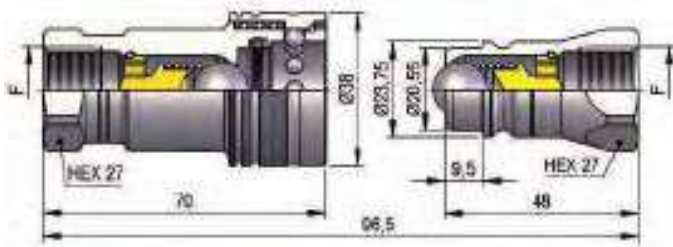
F	STANDARD	FEMMINA - FEMALE - MUFFE - FEMELLE			MASCIO - MALE - STECKER - MALE		
		COD. F	Weight (g)	Packaging (pcs.)	COD. M	Weight (g)	Packaging (pcs.)
BSP 1/4"	DIN 3852-2-X	PDS1.0606.002	127	100	PDS1.0606.003	47	300
NPT 1/4"	ANSI B1.20.3	PDS1.0606.012	128	100	PDS1.0606.013	48	300

## PDS1 DN10 - BG 2 - ISO 10

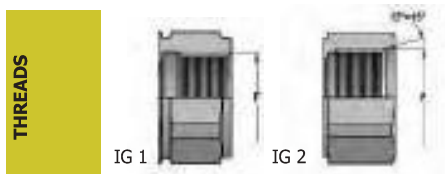


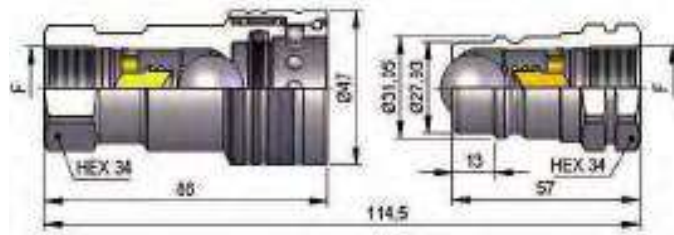
F	STANDARD	FEMMINA - FEMALE - MUFFE - FEMELLE			MASCIO - MALE - STECKER - MALE		
		COD. F	Weight (g)	Packaging (pcs.)	COD. M	Weight (g)	Packaging (pcs.)
BSP 3/8"	DIN 3852-2-X	PDS1.1010.002	207	56	PDS1.1010.003	86	200
NPT 3/8"	ANSI B1.20.3	PDS1.1010.012	208	56	PDS1.1010.013	87	200

## PDS1 DN13 - BG 3 - ISO 12.5

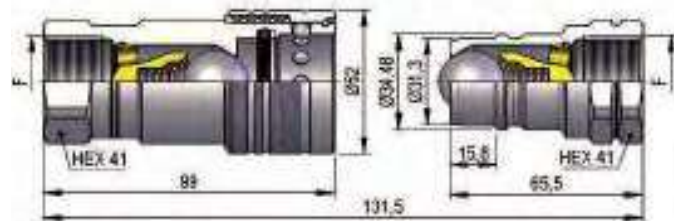


THREADS	F	STANDARD	FEMMINA - FEMALE - MUFFE - FEMELLE			MASCIO - MALE - STECKER - MALE		
			COD. F	Weight (g)	Packaging (pcs.)	COD. M	Weight (g)	Packaging (pcs.)
IG 1	BSP 1/2"	DIN 3852-2-X	PDS1.1313.002	273	50	PDS1.1313.003	101	200
	NPT 1/2"	ANSI B1.20.3	PDS1.1313.012	275	50	PDS1.1313.013	103	200
IG 2	3/4"-16 UNF 2B	SAE J 1926-1	PDS1.1319.032	281	50	PDS4.1319.033	108	200
	7/8"-14 UNF 2B	SAE J 1926-1	PDS1.1323.032	267	50	PDS1.1323.033	93	200



**PDS1 DN20 - BG 4 - ISO 19**


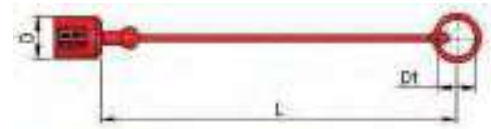
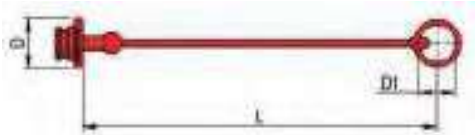
F	STANDARD	FEMMINA - FEMALE - MUFFE - FEMELLE			MASCIO - MALE - STECKER - MALE		
		COD. F	Weight (g)	Packaging (pcs.)	COD. M	Weight (g)	Packaging (pcs.)
BSP 3/4"	DIN 3852-2-X	PDS1.2019.002	494	28	PDS1.2019.003	205	45
NPT 3/4"	ANSI B1.20.3	PDS1.2019.012	500	28	PDS1.2019.013	210	45

**PDS1 DN25 - BG 5 - ISO 25**


F	STANDARD	FEMMINA - FEMALE - MUFFE - FEMELLE			MASCIO - MALE - STECKER - MALE		
		COD. F	Weight (g)	Packaging (pcs.)	COD. M	Weight (g)	Packaging (pcs.)
BSP 1"	DIN 3852-2-X	PDS1.2525.002	768	20	PDS1.2525.003	302	30
NPT 1"	ANSI B1.20.3	PDS1.2525.012	775	20	PDS1.2525.013	310	30

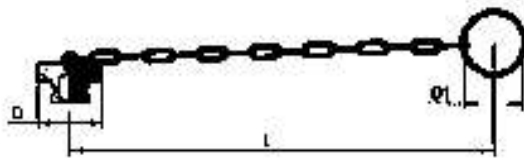
## PLASTIC CAPS

NOMINAL SIZE			FEMALE DUST PLUG					MALE DUST CAP					COLOR	MATERIAL
DNP	BG	ISO	COD. F	Dimensions			Weight	COD. M	Dimensions			Weight		
				D	L	D1	(g)		D	L	D1	(g)		
06	1	6.3	SPDV.06002	25	204	19.5	13	SPDV.06003	22	204	19.5	15	●	PVC
10	2	10	SPDV.10002	31	207	24.5	15	SPDV.10003	26	205	24.5	18	●	PVC
10	2	10	SPDV.10032	31	207	24.5	15	SPDV.10033	26	205	24.5	18	●	PVC
10	2	10	SPDV.10042	31	207	24.5	15	SPDV.10043	26	205	24.5	18	●	PVC
13	3	12.5	SPAV.13002	35	250	26	20	SPAV.13003	29	250	26	21	●	PVC
13	3	12.5	SPAV.13012	35	250	26	20	SPAV.13013	29	250	26	21	●	PVC
13	3	12.5	SPAV.13022	35	250	26	20	SPAV.13023	29	250	26	21	●	PVC
13	3	12.5	SPAV.13032	35	250	26	20	SPAV.13033	29	250	26	21	●	PVC
13	3	12.5	SPAV.13042	35	250	26	20	SPAV.13043	29	250	26	21	●	PVC
13	3	12.5	SPAV.13052	35	250	26	20	SPAV.13053	29	250	26	21	○	PVC
13	3	12.5	SPAV.13062	35	250	26	20	SPAV.13063	29	250	26	21	●	PVC
20	4	19	SPDV.20002	44	270	33	38	SPDV.20003	37	270	33	43	●	PVC
20	4	19	SPDV.20032	44	270	33	38	SPDV.20033	37	270	33	43	●	PVC
25	5	25	SPDV.25002	50	290	39	45	SPDV.25003	41	290	39	56	●	PVC

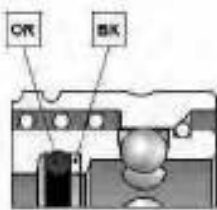


## METAL CAPS

NOMINAL SIZE			FEMALE DUST PLUG					MALE DUST CAP					MATERIAL
DNP	BG	ISO	COD. F	Dimensions			Weight	COD. M	Dimensions			Weight	
				D	L	D1	(g)		D	L	D1	(g)	
13	3	12.5	SPAV.13202	38	205	32	51	SPAV.13203	38	205	32	70	Aluminum



## SPARE PARTS



NOMINAL SIZE			FEMALE GASKET	
DNP	BG	ISO	OR (NBR*)	BK (PTFE)
06	1	6.3	PDV.006.120	PDV.006.130
10	2	10	PDV.010.120	PDV.010.130
13	3	12.5	PAV.013.120	PAV.013.130
20	4	19	PDV.019.120	PVV.019.130
25	5	25	PDV.025.120	PDV.025.130

\*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