

## ISO 14540/720 bar

SFERA  
BALL  
KUGEL  
BILLE

### Caratteristiche tecniche I

- Norma: ISO 14540
- Occlusione: sfera
- Aggancio: a vite
- Materiale: acciaio
- Finitura: Zn-Fe (Cr III)
- Filettature: BSP - NPT
- Guarnizioni standard: NBR
- Temperatura d'esercizio: -25 °C +100 °C
- Guarnizioni opzionali: FKM, EPDM o altro
- Pressioni di esercizio: 720 bar
- Connessione in pressione: consentita (lato maschio o lato femmina)
- Massima pressione residua: 100 bar

### Technical data E

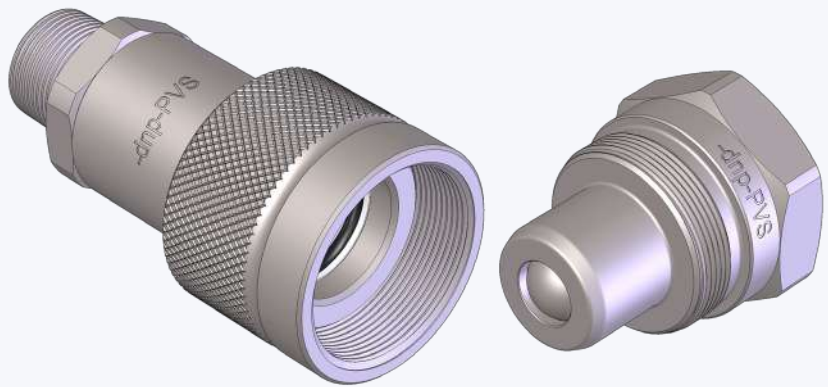
- Standard: ISO 14540
- Occlusion: ball
- Locking: screw
- Material: steel
- Finishing: Zn-Fe (Cr III)
- Threads: BSP - NPT
- Standard seals: NBR
- Working temperature: -25 °C +100 °C
- Optional seals: FKM, EPDM or more
- Working pressure: 720 bar
- Connection under pressure: allowed (both male or female side)
- Max residual pressure: 100 bar

### Technische Merkmale D

- Norm: ISO 14540
- Verschluss: kugel
- Kupplung: Schraubweise
- Werkstoff: Stahl
- Ausführung: Zn-Fe (Cr III)
- Gewinde: BSP - NPT
- Standard-Dichtungen: NBR
- Betriebstemperatur: -25 °C +100 °C
- Dichtungen nach Wahl: FKM, EPDM, usw.
- Betriebsdruck: 720 bar
- Kuppeln unter Druck: erlaubt (Steckerseite oder Muffeseite)
- Max. Restdruck: 100 bar

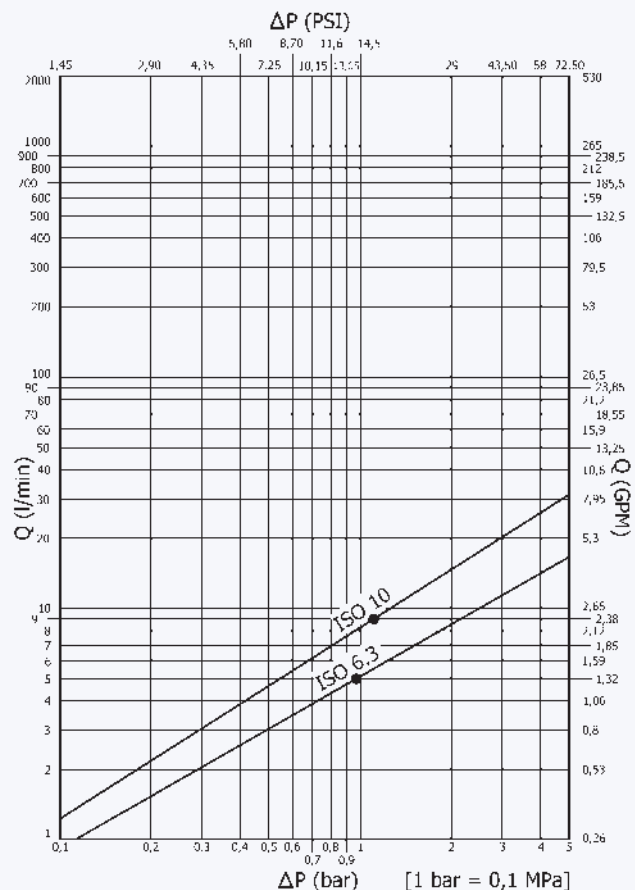
### Caracteristiques techniques F

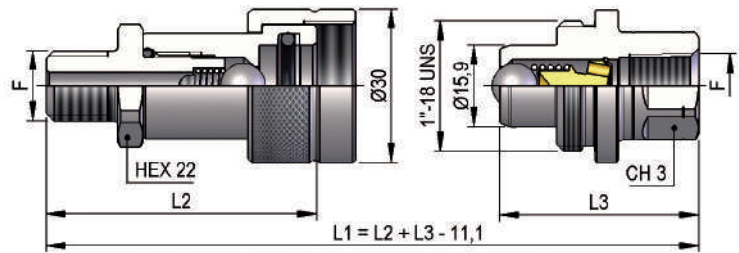
- Norme: ISO 14540
- Obturation: bille
- Accrochage: a vissé
- Matériel: acier
- Traitement: Zn-Fe (Cr III)
- Taraudage: BSP - NPT
- Joints standard: NBR
- Température de service: -25 °C +100 °C
- Joints facultatifs: FKM, EPDM, ect.
- Pression de service: 720 bar
- Connexion sous pression: possible (côté male ou femelle)
- Pression restante max: 100 bar



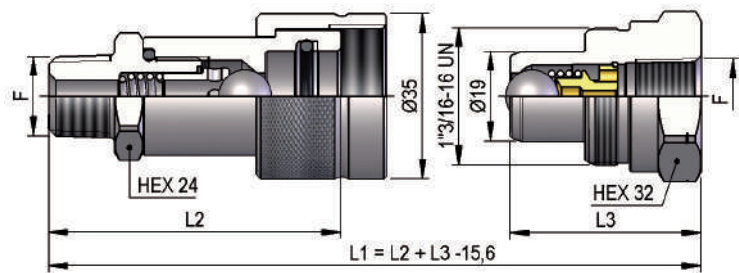
Nominal size				Max working pressure MPa	Rated flow l/min	Max flow rate l/min	Min burst pressure			Fluid spillage cc
DNP	BG	ISO	mm				Male MPa	Female MPa	Coupled MPa	
06	1	6.3	3.7	72	12	12	150	200	220	0.2
10	2	10	4.8	72	23	23	150	200	220	0.6

1 MPa = 145.04 psi • 1 l = 0.264 gal

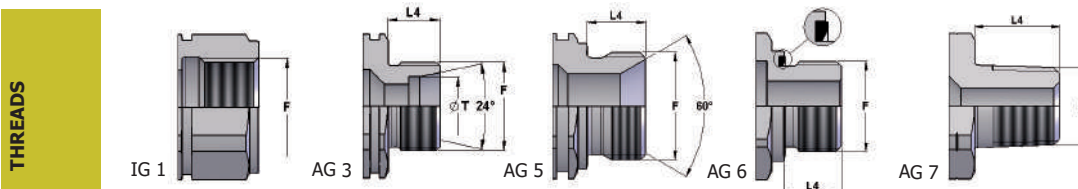


**PVS DN06 - BG 1 - ISO 6.3**


THREADS	L2	CH3	L3	L4	F	STANDARD	FEMMINA - FEMALE - MUFFE - FEMELLE			MASCIO - MALE - STECKER - MALE		
							COD. F	Weight (g)	Packaging (pcs.)	COD. M	Weight (g)	Packaging (pcs.)
<b>IG 1</b>	56	19	39		NPT 1/4"	ANSI B1.20.3	PVS3.0606.012	162	100	PVS1.0606.013	87	120
		30	39		NPT 3/8"	ANSI B1.20.3				PVS1.0610.013	131	100
<b>AG 7</b>	49	19	54	10	NPT 1/8"	ANSI B1.20.3	PVS3.0604.022	127	100	PVS1.0604.023	115	120
	53	19	58	14	NPT 1/4"	ANSI B1.20.3	PVS3.0606.022	134	100	PVS1.0606.023	122	120
		19	73.5	14	NPT 1/4"	ANSI B1.20.3				PVS3.0606.023	150	72
	53			14	NPT 3/8"	ANSI B1.20.3	PVS3.0610.022	139	100			
<b>AG 5</b>	51.5			10.5	BSP 1/4"	JIS B8363	PVS3.0606.212	132	100			

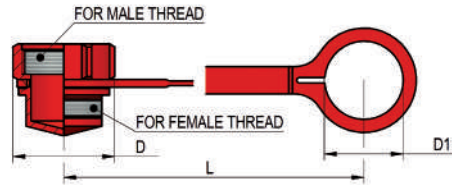
**PVS DN10 - BG 2 - ISO 10**


THREADS	L2	L3	L4	ØT	F	STANDARD	FEMMINA - FEMALE - MUFFE - FEMELLE			MASCIO - MALE - STECKER - MALE		
							COD. F	Weight (g)	Packaging (pcs.)	COD. M	Weight (g)	Packaging (pcs.)
<b>IG 1</b>		40.5			NPT 1/4"	ANSI B1.20.3				PVS1.1006.013	165	100
		66.5	40.5		BSP 3/8"	DIN 3852-2-X	PVS3.1010.112	249	70	PVS1.1010.003	144	100
		66	40.5		NPT 3/8"	ANSI B1.20.3	PVS3.1010.012	250	70	PVS1.1010.013	145	100
			40.5		RC 3/8"	UNI ISO 7/1				PVS1.1010.043	145	100
<b>AG 7</b>	64.5		14		NPT 1/4"	ANSI B1.20.3	PVS3.1006.022	219	70			
	62	60.5	14		NPT 3/8"	ANSI B1.20.3	PVS3.1010.022	221	70	PVS3.1010.023	187	100
	62		14		R 3/8"	UNI ISO 7/1	PVS3.1010.042	222	70			
	67.5		19.5		R 1/2"	UNI ISO 7/1	PVS3.1013.042	246	70			
<b>AG 6</b>	64.5	63	12		BSP 3/8"	DIN 3852-11-E	PVS3.1010.232	231	70	PVS3.1010.233	200	100
<b>AG 5</b>	62.5		12		BSP 3/8"	DIN 3852-2-A	PVS3.1010.212	224	70			
	64.5	63	12		BSP 3/8"	DIN 3852-2-B	PVS3.1010.222	231	70	PVS3.1010.223	197	100
<b>AG 3</b>	62		12	10S	M18x1.5	ISO 8434-1-S	PVS3.1018.402	225	70			

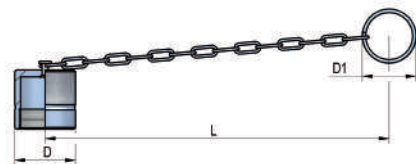
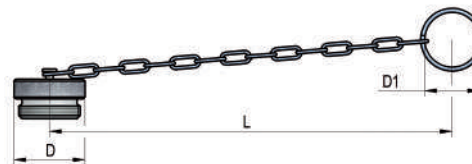
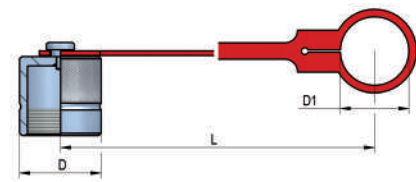
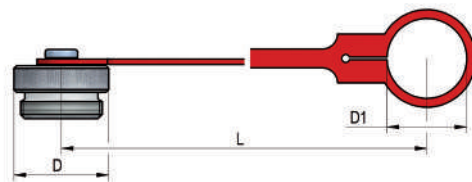
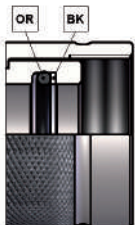


**PLASTIC CAPS**

NOMINAL SIZE			FEMALE DUST PLUG				MALE DUST CAP				COLOR	MATERIAL		
DNP	BG	ISO	COD. F	Dimensions			Weight (g)	COD. M	Dimensions			Weight (g)		
				D	L	D1			D	L	D1			
10	2	10	SPVS.10001	37	108	27	16	SPVS.10001	37	108	27	16	●	Polyethylene
10	2	10	SPVS.10041	37	108	27	16	SPVS.10041	37	108	27	16	●	Polyethylene


**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	SPVS.06100	35	205	27	79	SPVS.06101	35	205	27	78	Steel with chain
06	1	6.3	SPVS.06102	35	205	27	36	SPVS.06103	35	205	27	34	Aluminum with chain
10	2	10	SPVS.10100 C	35	205	27	97	SPVS.10103 C	35	205	27	109	Steel with chain
10	2	10	SPVS.10102 C	35	205	27	49						Aluminum with chain
10	2	10	SPVS.10100 L	35	135	29.5	114	SPVS.10103 L	35	135	29.5	104	Steel with plastic tongue
10	2	10	SPVS.10102 L	35	135	29.5	44						Aluminum with plastic tongue


**SPARE PARTS**


NOMINAL SIZE			FEMALE GASKET	
DNP	BG	ISO	OR (NBR*)	BK (PTFE)
06	1	6.3	PVS.006.120	PVS.006.130
10	2	10	PDV.010.120	PVS.010.130

\*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