

SCREW/ISO 14541

INNESTI A VITE/SICURA
 SCREW COUPLINGS/PIN LOCK
 SCHRAUBKUPPLUNGEN/SPLINT
 COUPLEURS A VISSER/GOUPILLE

Caratteristiche tecniche I

- Norma: ISO 14541 (solo DN13)
- Occlusione: valvola
- Aggancio: a vite
- Materiale: acciaio
- Finitura: Zn-Fe (Cr III)
- Filettature: BSP - NPT - SAE - METRICHE
- Guarnizioni standard: NBR
- Temperatura d'esercizio: -25 °C +100 °C
- Guarnizioni opzionali: FKM, EPDM o altro
- Pressioni di esercizio: 300-400 bar
- Connessione in pressione: consentita (lato maschio o lato femmina)

Technical data E

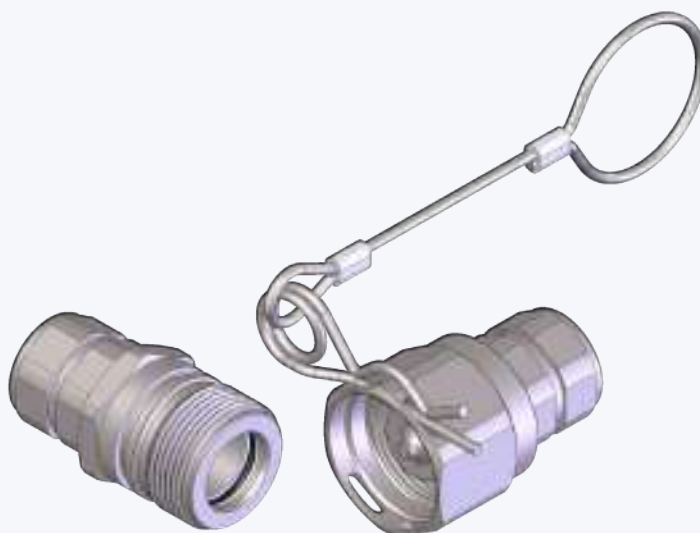
- Standard: ISO 14541 (DN13 only)
- Occlusion: poppet
- Locking: screw
- Material: steel
- Finishing: Zn-Fe (Cr III)
- Threads: BSP - NPT - SAE - METRICS
- Standard seals: NBR
- Working temperature: -25 °C +100 °C
- Optional seals: FKM, EPDM or more
- Working pressure: 300-400 bar
- Connection under pressure: allowed (both male or female side)

Technische Merkmale D

- Norm: ISO 14541 (nur DN13)
- Verschluss: ventil
- Kupplung: Schraubweise
- Werkstoff: Stahl
- Ausführung: Zn-Fe (Cr III)
- Gewinde: BSP - NPT - SAE - METRISCHE
- Standard-Dichtungen: NBR
- Betriebstemperatur: -25 °C +100 °C
- Dichtungen nach Wahl: FKM, EPDM, usw.
- Betriebsdruck: 300-400 bar
- Kuppeln unter Druck: erlaubt (Steckerseite oder Muffenseite)

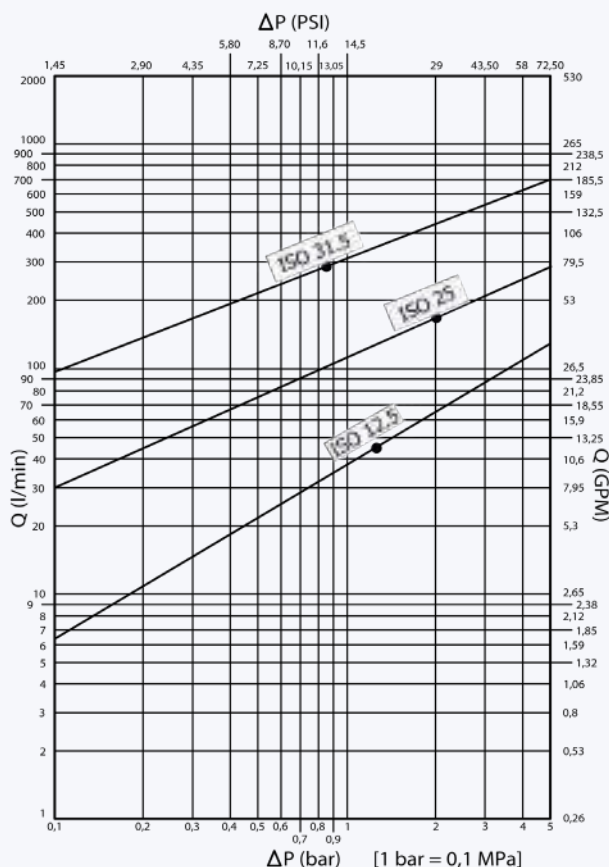
Caracteristiques techniques F

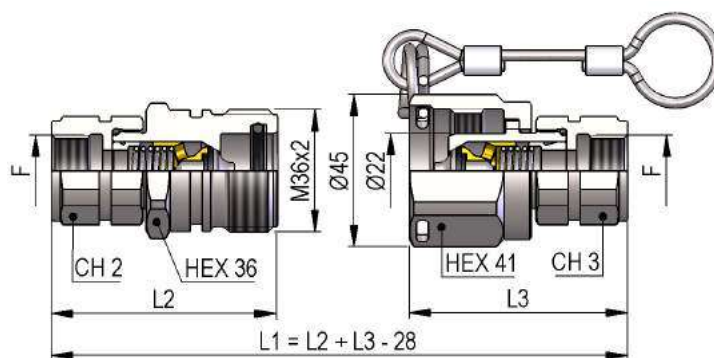
- Norme: ISO 14541 (seulement DN13)
- Obturation: clapet
- Accrochage: a vissé
- Matériel: acier
- Traitement: Zn-Fe (Cr III)
- Taraudage: BSP - NPT - SAE - METRIQUES
- Joints standard: NBR
- Température de service: -25 °C +100 °C
- Joints facultatifs: FKM, EPDM, ect.
- Pression de service: 300-400 bar
- Connexion sous pression: possible (côté male ou femelle)



Nominal size				Max working pressure	Rated flow	Max flow rate	Min burst pressure			Fluid spillage
							Male	Female	Coupled	
DNP	BG	ISO	mm	MPa	l/min	l/min	MPa	MPa	MPa	cc
13	3	12.5	10.5	40	45	90	120	150	140	2.7
25	5	25	17.3	30	189	280	100	130	140	16
30	6	31.5	29.6	30	288	480	100	100	100	30

1 MPa = 145.04 psi • 1 l = 0.264 gal

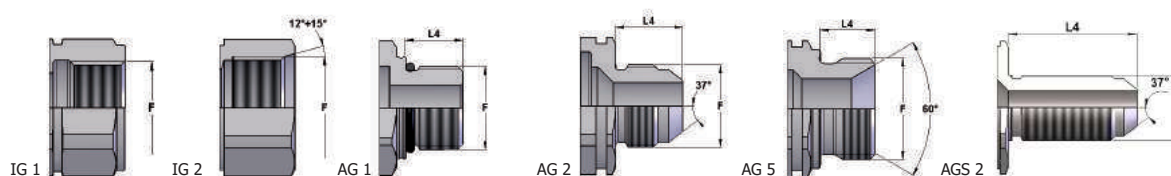


PVV3 CS DN13 - BG 3 - ISO 12.5


THREADS	CH2	L2	CH3	L3	L4	ØT	F	STANDARD	FEMMINA - FEMALE - MUFFE - FEMELLE			MASCHIO - MALE - STECKER - MALE		
									COD. F	Weight (g)	Packaging (pcs.)	COD. M	Weight (g)	Packaging (pcs.)
IG 1	30	67	30	64.5			BSP 3/8"	DIN 3852-2-X	PVV3.1310.112 CS	316	40	PVV3.1310.113 CS	293	30
	30	69.5	30	67			NPT 3/8"	ANSI B1.20.3	PVV3.1310.012 CS	342	40	PVV3.1310.013 CS	319	30
	30	69.5	30	65			RC 3/8"	UNI ISO 7/1	PVV3.1310.042 CS	337	40	PVV3.1310.043 CS	314	30
	30	67	30	64.5			BSP 1/2"	DIN 3852-2-X	PVV3.1313.112 CS	312	40	PVV3.1313.113 CS	289	30
	30	70	30	67.5			NPT 1/2"	ANSI B1.20.3	PVV3.1313.012 CS	326	40	PVV3.1313.013 CS	303	30
	30	71.5	30	69			RC 1/2"	UNI ISO 7/1	PVV3.1313.042 CS	333	40	PVV3.1313.043 CS	310	30
	36	72.5	36	70			BSP 3/4"	DIN 3852-2-X	PVV3.1319.112 CS	365	40	PVV3.1319.113 CS	342	30
	36	72.5	36	70			NPT 3/4"	ANSI B1.20.3	PVV3.1319.012 CS	374	40	PVV3.1319.013 CS	351	30
	30	67	30	64.5			M14x1.5	ISO 6149-1	PVV3.1314.102 CS	325	40	PVV3.1314.103 CS	302	30
	30	67	30	64.5			M16x1.5	ISO 6149-1	PVV3.1316.102 CS	319	40	PVV3.1316.103 CS	296	30
	30	67	30	64.5			M18x1.5	ISO 6149-1	PVV3.1318.102 CS	313	40	PVV3.1318.103 CS	290	30
	30	67	30	64.5			M20x1.5	ISO 6149-1	PVV3.1320.102 CS	316	40	PVV3.1320.103 CS	293	30
IG 2	30	67	30	64.5			9/16"-18 UNF 2B	SAE J 1926-1	PVV3.1315.032 CS	323	40	PVV3.1315.033 CS	300	30
	30	67	30	64.5			3/4"-16 UNF 2B	SAE J 1926-1	PVV3.1319.032 CS	318	40	PVV3.1319.033 CS	295	30
	30	71	30	68.5			7/8"-14 UNF 2B	SAE J 1926-1	PVV3.1323.032 CS	317	40	PVV3.1323.033 CS	294	30
	30	69	30	66.5			M16x1.5	SAE J 2244/1	PVV3.1316.112 CS	333	40	PVV3.1316.113 CS	310	30
	30	67	30	64.5			M22x1.5	SAE J 2244/1	PVV3.1322.102 CS	320	40	PVV3.1322.103 CS	297	30
AG 1	27	67.1	27	64.6	11.1		3/4"-16 UNF 2A	SAE J 1926-3	PVV5.1319.332 CS	283	40	PVV5.1319.333 CS	260	30
	30	70	30	67.5	16		M20x1.5	ISO 6149-2	PVV3.1320.222 CS	303	40	PVV3.1320.223 CS	280	30
AG 2	30	68.1	30	65.6	14.1		9/16"-18 UNF 2A	SAE J 514	PVV3.1315.302 CS	284	40	PVV3.1315.303 CS	261	30
	30	70.7	30	68.2	16.7		3/4"-16 UNF 2A	SAE J 514	PVV3.1319.302 CS	293	40	PVV3.1319.303 CS	270	30
AGS 2	30	91.6	30	89.1	37.6		3/4"-16 UNF 2A	SAE J 514	PVV3.1319.502 CS	320	40	PVV3.1319.503 CS	297	30
	30	95.1	30	92.6	41.1		7/8"-14 UNF 2A	SAE J 514	PVV3.1323.502 CS	336	40	PVV3.1323.503 CS	313	30
AG 5	30	68.5	30	66	12		BSP 3/8"	DIN 3852-2-B	PVV3.1310.212 CS	294	40	PVV3.1310.213 CS	271	30
	30	71	30	68.5	13		BSP 1/2"	DIN 3852-2-B	PVV3.1313.212 CS	302	40	PVV3.1313.213 CS	279	30
	30	65	30	62.5	11		M16x1.5	DIN 3863-U	PVV3.1316.702 CS	286	40	PVV3.1316.703 CS	263	30
	30	70	30	67.5	16		M20x1.5	DIN 3863-U	PVV3.1320.702 CS	299	40	PVV3.1320.703 CS	276	30
	30	68	30	65.5	14		M22x1.5	DIN 3863-U	PVV3.1322.702 CS	296	40	PVV3.1322.703 CS	273	30

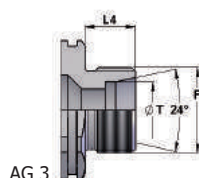
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THREADS

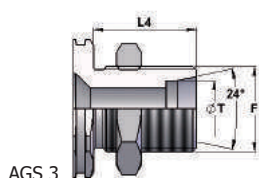


PVV3 CS DN13 - BG 3 - ISO 12.5

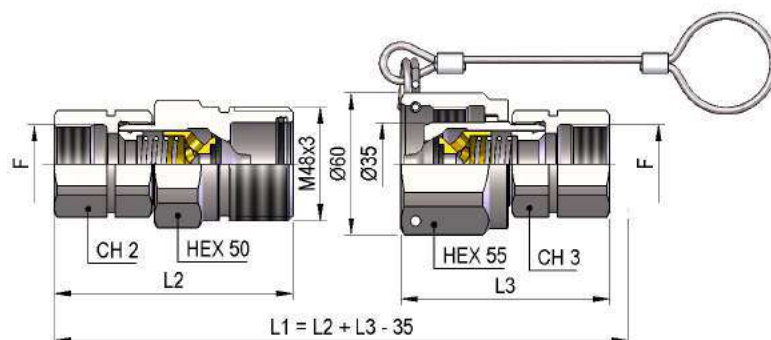
THREADS	CH2 L2		CH3 L3		L4	ØT	F	STANDARD	FEMMINA - FEMALE - MUFFE - FEMELLE			MASCHIO - MALE - STECKER - MALE		
									COD. F	Weight (g)	Packaging (pcs.)	COD. M	Weight (g)	Packaging (pcs.)
AG 3	30	64	30	61.5	10	Ø8L	M14x1.5	ISO 8434-1-L	PVV3.1314.302 CS	284	40	PVV3.1314.303 CS	261	30
	30	65	30	62.5	11	10L	M16x1.5	ISO 8434-1-L	PVV3.1316.302 CS	285	40	PVV3.1316.303 CS	262	30
	30	65	30	62.5	11	12L	M18x1.5	ISO 8434-1-L	PVV3.1318.302 CS	286	40	PVV3.1318.303 CS	263	30
	30	66	30	63.5	12	15L	M22x1.5	ISO 8434-1-L	PVV3.1322.302 CS	291	40	PVV3.1322.303 CS	268	30
	30	66	30	63.5	12	18L	M26x1.5	ISO 8434-1-L	PVV3.1326.302 CS	296	40	PVV3.1326.303 CS	273	30
	30	66	30	63.5	12	10S	M18x1.5	ISO 8434-1-S	PVV3.1318.402 CS	291	40	PVV3.1318.403 CS	268	30
	30	66	30	63.5	12	12S	M20x1.5	ISO 8434-1-S	PVV3.1320.402 CS	293	40	PVV3.1320.403 CS	270	30
	30	68	30	65.5	14	14S	M22x1.5	ISO 8434-1-S	PVV3.1322.402 CS	298	40	PVV3.1322.403 CS	275	30
	30	68	30	65.5	14	16S	M24x1.5	ISO 8434-1-S	PVV3.1324.402 CS	299	40	PVV3.1324.403 CS	276	30
	30	71	30	68.5	16	20S	M30x2	ISO 8434-1-S	PVV3.1330.402 CS	315	40	PVV3.1330.403 CS	292	30
AGS 3	30	80	30	77.5	26	Ø8L	M14x1.5	ISO 8434-1-L	PVV3.1314.502 CS	297	40	PVV3.1314.503 CS	274	30
	30	80	30	77.5	26	10L	M16x1.5	ISO 8434-1-L	PVV3.1316.502 CS	300	40	PVV3.1316.503 CS	277	30
	30	80	30	77.5	26	12L	M18x1.5	ISO 8434-1-L	PVV3.1318.502 CS	302	40	PVV3.1318.503 CS	279	30
	30	90	30	87.5	36	12L	M18x1.5	ISO 8434-1-L	PVV3.1318.512 CS	322	40	PVV3.1318.513 CS	299	30
	30	81	30	78.5	27	15L	M22x1.5	ISO 8434-1-L	PVV3.1322.502 CS	317	40	PVV3.1322.503 CS	294	30
	30	81	30	78.5	27	18L	M26x1.5	ISO 8434-1-L	PVV3.1326.502 CS	334	40	PVV3.1326.503 CS	311	30
	30	81	30	78.5	27	10S	M18x1.5	ISO 8434-1-S	PVV3.1318.602 CS	313	40	PVV3.1318.603 CS	290	30
	30	81	30	78.5	27	12S	M20x1.5	ISO 8434-1-S	PVV3.1320.602 CS	318	40	PVV3.1320.603 CS	295	30
	30	83	30	80.5	29	14S	M22x1.5	ISO 8434-1-S	PVV3.1322.602 CS	329	40	PVV3.1322.603 CS	306	30
	30	83	30	80.5	29	16S	M24x1.5	ISO 8434-1-S	PVV3.1324.602 CS	333	40	PVV3.1324.603 CS	310	30
	30	83	30	80.5	29	20S	M30x2	ISO 8434-1-S	PVV3.1330.602 CS	364	40	PVV3.1330.603 CS	341	30
	27	80	27	77.5	26	12L	M18x1.5	ISO 8434-1-L	PVV5.1318.502 CS	289	40	PVV5.1318.503 CS	266	30
	27	81	27	78.5	27	15L	M22x1.5	ISO 8434-1-L	PVV5.1322.502 CS	305	40	PVV5.1322.503 CS	282	30

THREADS


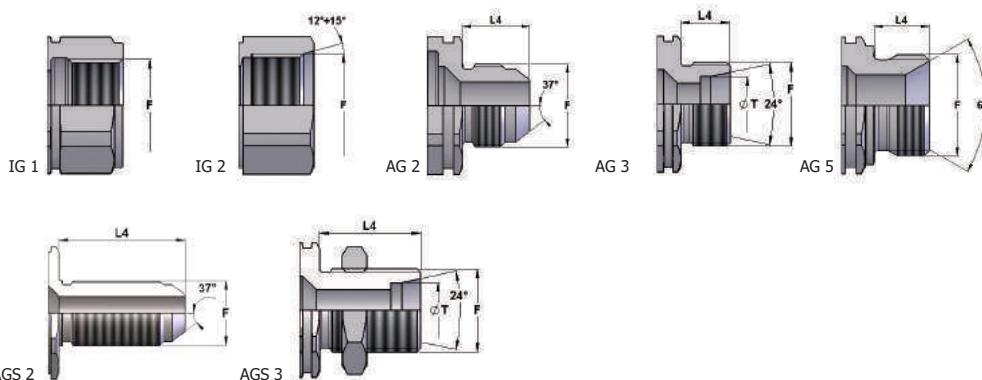
AG 3

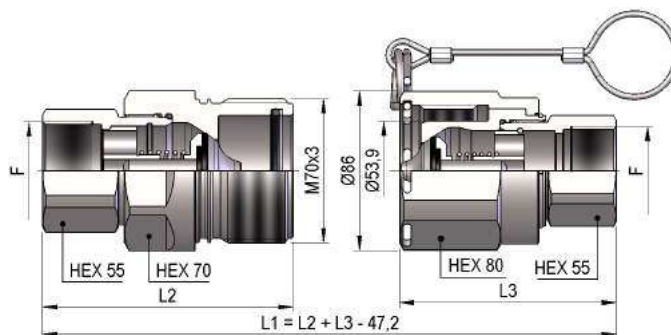


AGS 3

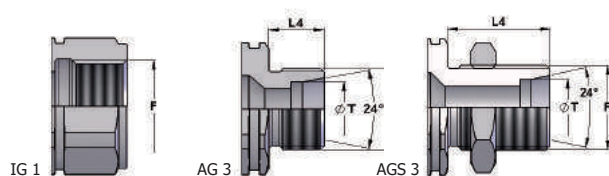
PVV3 CS DN25 - BG 5 - ISO 25


THREADS	CH2	L2	CH3	L3	L4	ØT	F	STANDARD	FEMMINA - FEMALE - MUFFE - FEMELLE			MASCHIO - MALE - STECKER - MALE		
									COD. F	Weight (g)	Packaging (pcs.)	COD. M	Weight (g)	Packaging (pcs.)
IG 1	41	100	41	87.5			BSP 3/4"	DIN 3852-2-X	PVV3.2519.112 CS	837	10	PVV3.2519.113 CS	760	18
	41	100	41	87.5			NPT 3/4"	ANSI B1.20.3	PVV3.2519.012 CS	844	10	PVV3.2519.013 CS	767	18
	41	100	41	87.5			RC 3/4"	UNI ISO 7/1	PVV3.2519.042 CS	844	10	PVV3.2519.043 CS	766	18
	41	100	41	87.5			BSP 1"	DIN 3852-2-X	PVV3.2525.112 CS	782	10	PVV3.2525.113 CS	705	18
	41	100	41	87.5			NPT 1"	ANSI B1.20.3	PVV3.2525.012 CS	795	10	PVV3.2525.013 CS	717	18
	41	100	41	87.5			M30x1.5	ISO 6149-1	PVV3.2530.102 CS	810	10	PVV3.2530.103 CS	732	18
IG 2	41	100	41	87.5			1"1/16-12 UN 2B	SAE J 1926-1	PVV3.2527.032 CS	831	10	PVV3.2527.033 CS	753	18
	41	100	41	87.5			1"5/16-12 UN 2B	SAE J 1926-1	PVV3.2533.032 CS	772	10	PVV3.2533.033 CS	695	18
AG 2	41	104.1	41	91.6	23.1		1"5/16-12 UN 2B	SAE J 514	PVV3.2533.302 CS	771	10	PVV3.2533.303 CS	694	18
AGS 2	41	126.4	41	113.9	45.4		1"5/16-12 UN 2B	SAE J 514	PVV3.2533.502 CS	869	10	PVV3.2533.503 CS	791	10
AG 5	41	102	41	89.5	18		BSP 1"	DIN 3852-2-B	PVV3.2525.212 CS	780	10	PVV3.2525.213 CS	702	18
	41	100	41	87.5	16		BSP 3/4"	DIN 3852-2-A	PVV3.2519.712 CS	755	10	PVV3.2519.713 CS	678	18
	41	102	41	89.5	18		BSP 1"	DIN 3852-2-A	PVV3.2525.712 CS	781	10	PVV3.2525.713 CS	704	18
AG 3	41	93	41	80.5	12	18L	M26x1.5	ISO 8434-1-L	PVV3.2526.302 CS	732	10	PVV3.2526.303 CS	655	18
	41	95	41	82.5	14	22L	M30x2	ISO 8434-1-L	PVV3.2530.302 CS	737	10	PVV3.2530.303 CS	660	18
	41	95	41	82.5	14	28L	M36x2	ISO 8434-1-L	PVV3.2536.302 CS	742	10	PVV3.2536.303 CS	665	18
	46	97	46	84.5	16	35L	M45x2	ISO 8434-1-L	PVV3.2545.302 CS	831	10	PVV3.2545.303 CS	753	18
	41	97	41	84.5	16	20S	M30x2	ISO 8434-1-S	PVV3.2530.402 CS	748	10	PVV3.2530.403 CS	671	18
	41	99	41	86.5	18	25S	M36x2	ISO 8434-1-S	PVV3.2536.402 CS	771	10	PVV3.2536.403 CS	693	18
	46	101	46	88.5	20	30S	M42x2	ISO 8434-1-S	PVV3.2542.402 CS	852	10	PVV3.2542.403 CS	774	18
	55	103	55	90.5	22	38S	M52x2	ISO 8434-1-S	PVV3.2552.402 CS	1039	10	PVV3.2552.403 CS	962	18
	41	115	41	102.5	34	18L	M26x1.5	ISO 8434-1-L	PVV3.2526.502 CS	820	10	PVV3.2526.503 CS	743	10
	41	115	41	102.5	34	22L	M30x2	ISO 8434-1-L	PVV3.2530.502 CS	846	10	PVV3.2530.503 CS	768	10
AGS 3	41	115	41	102.5	34	28L	M36x2	ISO 8434-1-L	PVV3.2536.502 CS	883	10	PVV3.2536.503 CS	806	10
	46	121	46	108.5	40	35L	M45x2	ISO 8434-1-L	PVV3.2545.502 CS	1098	10	PVV3.2545.503 CS	1020	10
	41	117	41	104.5	36	20S	M30x2	ISO 8434-1-S	PVV3.2530.602 CS	863	10	PVV3.2530.603 CS	785	10
	41	119	41	106.5	38	25S	M36x2	ISO 8434-1-S	PVV3.2536.602 CS	924	10	PVV3.2536.603 CS	847	10
	46	121	46	108.5	40	30S	M42x2	ISO 8434-1-S	PVV3.2542.602 CS	1034	10	PVV3.2542.603 CS	956	10
	55	134	55	121.5	53	38S	M52x2	ISO 8434-1-S	PVV3.2552.602 CS	1430	10	PVV3.2552.603 CS	1353	10



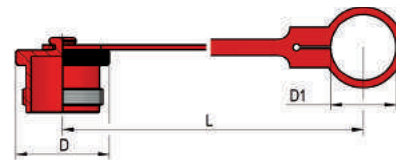
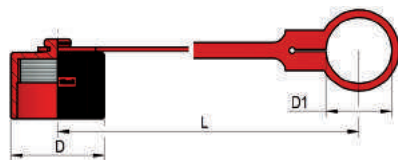
PVV3 CS DN30 - BG 6 - ISO 31.5


THREADS	L2	L3	L4	ØT	F	STANDARD	FEMMINA - FEMALE - MUFFE - FEMELLE			MASCHIO - MALE - STECKER - MALE		
							COD. F	Weight (g)	Packaging (pcs.)	COD. M	Weight (g)	Packaging (pcs.)
IG 1	119.2	114.5			BSP 1"¼	DIN 3852-2-X	PVV3.3031.112 CS	1876	5	PVV3.3031.113 CS	2132	5
	119.2	114.5			NPT 1"¼	ANSI B1.20.3	PVV3.3031.012 CS	1894	5	PVV3.3031.013 CS	2150	5
	120.7	116			BSP 1"½	DIN 3852-2-X	PVV3.3039.112 CS	1804	5	PVV3.3039.113 CS	2060	5
	120.7	116			NPT 1"½	ANSI B1.20.3	PVV3.3039.012 CS	1821	5	PVV3.3039.013 CS	2077	5
AG 3	117.7	113	16	35L	M45x2	ISO 8434-1-L	PVV3.3045.302 CS	1797	5	PVV3.3045.303 CS	2053	5
	117.7	113	16	42L	M52x2	ISO 8434-1-L	PVV3.3052.302 CS	1815	5	PVV3.3052.303 CS	2071	5
	121.7	117	20	30S	M42x2	ISO 8434-1-S	PVV3.3042.402 CS	1823	5	PVV3.3042.403 CS	2079	5
	123.7	119	22	38S	M52x2	ISO 8434-1-S	PVV3.3052.402 CS	1844	5	PVV3.3052.403 CS	2100	5
AGS 3	141.7	137	40	35L	M45x2	ISO 8434-1-L	PVV3.3045.502 CS	2025	5	PVV3.3045.503 CS	2281	5
	148.7	144	47	42L	M52x2	ISO 8434-1-L	PVV3.3052.502 CS	2255	5	PVV3.3052.503 CS	2511	5
	141.7	137	40	30S	M42x2	ISO 8434-1-S	PVV3.3042.602 CS	2007	5	PVV3.3042.603 CS	2263	5
	154.7	150	53	38S	M52x2	ISO 8434-1-S	PVV3.3052.602 CS	2232	5	PVV3.3052.603 CS	2488	5

THREADS


PLASTIC CAPS

NOMINAL SIZE			FEMALE DUST PLUG					MALE DUST CAP					COLOR	MATERIAL
				Dimensions			Weight		Dimensions			Weight		
DNP	BG	ISO	COD. F	D	L	D1	(g)	COD. M	D	L	D1	(g)		
13	3	12.5	SPVV.13002	42	135	29.5	15	SPVV.13003	41.5	135	29.5	13		Polypropylene
13	3	12.5	SPVV.13042	42	135	29.5	15	SPVV.13043	41.5	135	29.5	13		Polypropylene
25	5	25	SPVV.25002	54	190	41	23	SPVV.25003	55	190	41	20		Polypropylene
30	6	31.5	SPVV.30002	75	240	55	52	SPVV.30003	77	240	55	56		Polypropylene



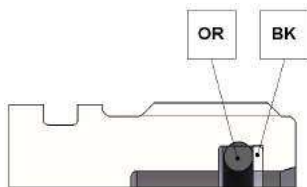
METAL CAPS

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	SPVV.13202	41.5	205	32	57	SPVV.13203	41.5	205	32	66	Aluminum
25	5	25	SPVV3.25202	55	275	47.5	75	SPVV3.25203	55	275	47.5	111	Aluminum
30	6	31.5	SPVV.30202	78	275	47.5	188	SPVV.30203	78	275	47.5	219	Aluminum



SPARE PARTS

NOMINAL SIZE			FEMALE GASKET	
DNP	BG	ISO	OR (NBR*)	BK (PTFE)
13	3	12.5	PVV.013.120	PVV.013.130
25	5	25	PAV.025.120	PVV.025.130
30	6	31.5	PVV.030.120	PVV.030.130



*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' FÜR EPDM ODER 'V' FÜR VITON AN

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