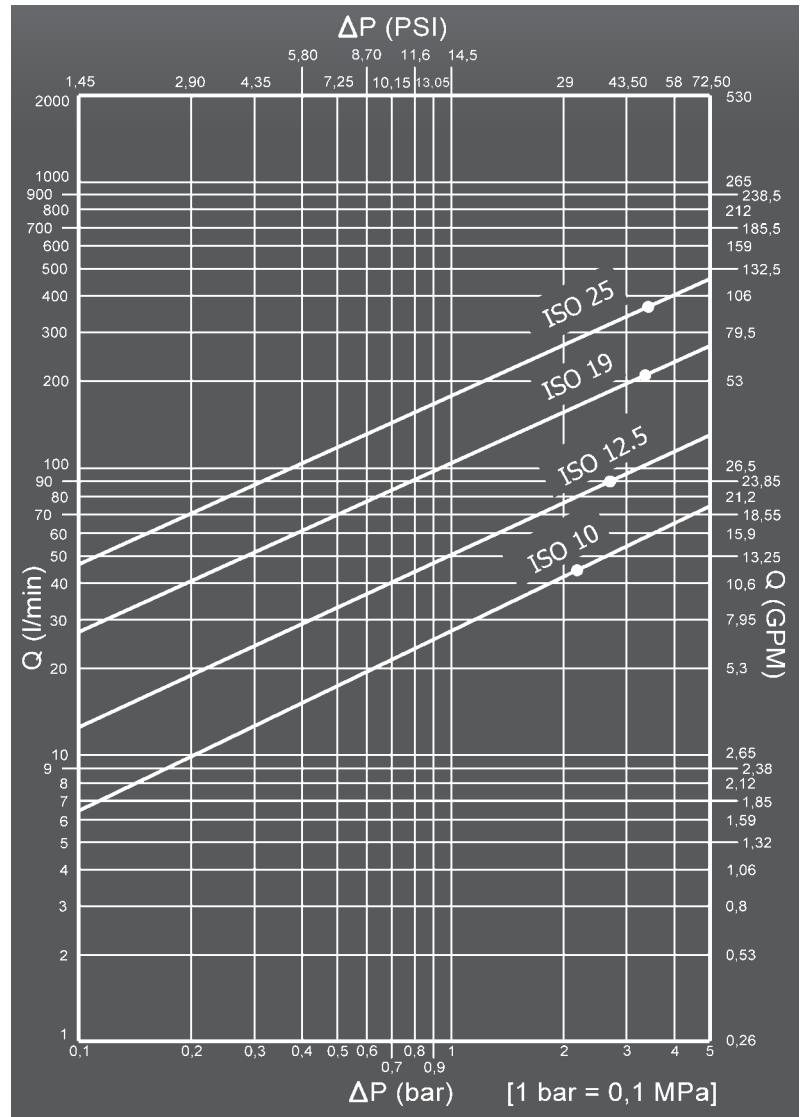


PTV1 Series, Nordic Interchange Steel Couplings



Technical Data

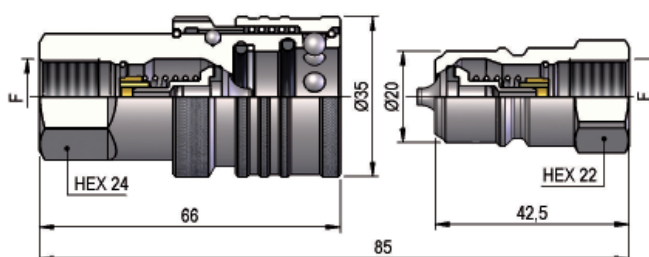
- Interchange: Tema T series
- Occlusion: poppet
- Locking: radial balls
- Material: steel
- Finishing: Zn-Fe (Cr III)
- Threads: BSP – NPT
- Standard seals: NBR
- Working temperature: -25°C +100°C
- Optional seals: FKM, EPDM or more
- Working pressure: 300-370 bar
- Connection under pressure: not allowed



Nominal size				Maximum working pressure	Rated flow	Maximum flow rate	Minimum burst pressure			Fluid spillage
							Male	Female	Coupled	
DNP	BG	ISO	mm	MPa	l/min	l/min	MPa	MPa	MPa	cc
10	2	10	10	37	45	90	110	140	130	2.5
13	3	12.5	13.2	35	90	160	110	130	120	6
20	4	19	19	30	212	300	90	110	110	20
25	5	25	24.5	30	380	500	90	100	110	35

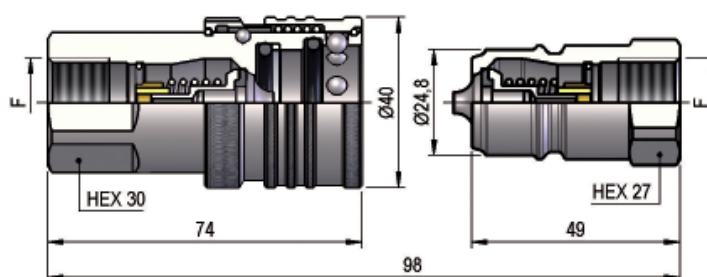
1 MPa = 145,04 psi • 1 l = 0,264 gal

PTV1 DN10 - BG 2 - ISO 10



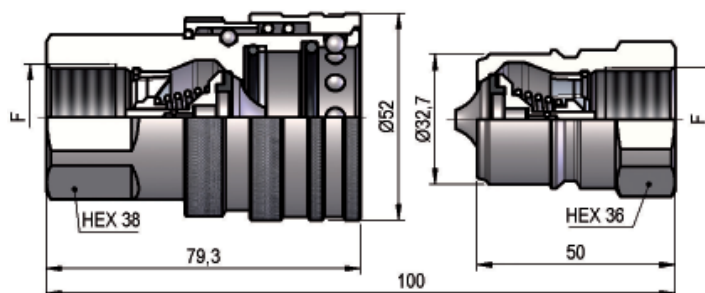
F	STANDARD	FEMALE			MALE		
		COD. F	Weight (g)	Packaging (pcs.)	COD. M	Weight (g)	Packaging (pcs.)
BSP 3/8"	DIN 3852-2-X	PTV1.1010.002	250	54	PTV1.1010.003	70	200
NPT 3/8"	ANSI B1.20.3	PTV1.1010.012	252	54	PTV1.1010.013	72	200

PTV1 DN13 - BG 3 - ISO 12.5



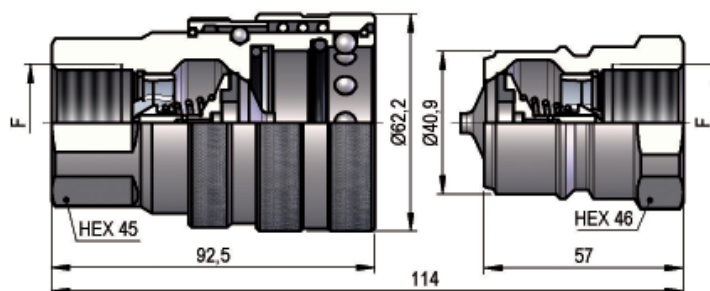
F	STANDARD	FEMALE			MALE		
		COD. F	Weight (g)	Packaging (pcs.)	COD. M	Weight (g)	Packaging (pcs.)
BSP 1/2"	DIN 3852-2-X	PTV1.1313.002	360	45	PTV1.1313.003	117	100
NPT 1/2"	ANSI B1.20.3	PTV1.1313.012	363	45	PTV1.1313.013	120	100

PTV1 DN20 - BG 4 - ISO 19



F	STANDARD	FEMALE			MALE		
		COD. F	Weight (g)	Packaging (pcs.)	COD. M	Weight (g)	Packaging (pcs.)
BSP 3/4"	DIN 3852-2-X	PTV1.2019.002	623	25	PTV1.2019.003	213	42
NPT 3/4"	ANSI B1.20.3	PTV1.2019.012	630	25	PTV1.2019.013	220	42

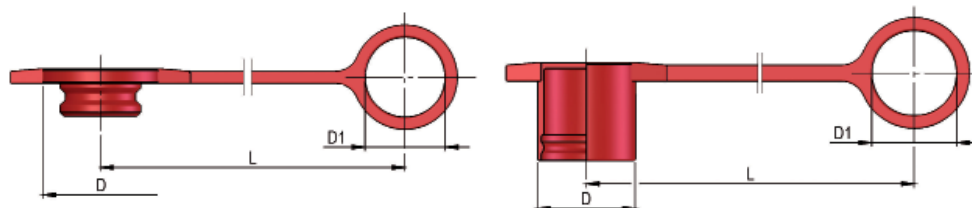
PTV1 DN25 - BG 5 - ISO 25



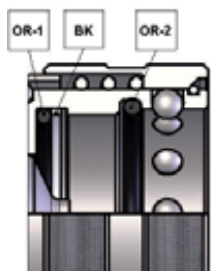
F	STANDARD	FEMALE			MALE		
		COD. F	Weight (g)	Packaging (pcs.)	COD. M	Weight (g)	Packaging (pcs.)
BSP 1"	DIN 3852-2-X	PTV1.2525.002	974	15	PTV1.2525.003	350	20
NPT 1"	ANSI B1.20.3	PTV1.2525.012	982	15	PTV1.2525.013	357	20

PLASTIC CAPS

NOMINAL SIZE			FEMALE DUST PLUG					MALE DUST CAP					COLOUR	MATERIAL
DNP	BG	ISO	COD. F	Dimensions			Weight	COD. M	Dimensions			Weight		
				D	L	D1	(g)		D	L	D1	(g)		
10	2	10	SPTV.10002	33	140	24	13	SPTV.10003	26	140	24	14	●	PVC
13	3	12.5	SPTV.13002	39	160	28	17	SPTV.13003	31	160	28	18	●	PVC
20	4	19	SPTV.20002	51	190	34	27	SPTV.20003	39	190	34	25	●	PVC
25	5	25	SPTV.25002	61	250	50	37	SPTV.25003	50	250	50	45	●	PVC



SPARE PARTS



NOMINAL SIZE			FEMALE GASKET		
DNP	BG	ISO	OR-1 (NBR*)	OR-2 (NBR*)	BK (PTFE)
10	2	10	PDV.010.120	PAV.013.120	PTV.010.130
13	3	12.5	PVV.013.120	PTV.013.120	PTV.013.130
20	4	19	PVT.019.121	PTV.019.120	PTV.019.130
25	5	25	PST.041.030	PTV.025.120	PTV.025.130

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