

► Features

- · Connection system: pushing the male coupling
- Disconnection system: pulling the male coupling
- Shut-off system: poppet valve
- Connectability: without pressure
- Disconnection under pressure: not allowed
- Interchangeability: according to ISO 7241-1 part A standard
- · Balls-bearing latching system
- Guidevalve with mechanical backstop
- · Suitable for flexible hoses
- Panel mounting by the sleeve
- · Breakaway feature (if panel mounted)

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Availble items

	Size	D	N	Deted		F					Eluid					
Туре		Nominal diameter		Flow		connect		pressure		Conr	ected	N	lale	Fe	male	spillage
		mm	inc	l/min.	GPM	Ν	lb.	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	cc. max.
PV	08	10,5	0.41	75	19.8	160	35,2	26	3770	148	21460	105	15950	110	15950	1.8

* Safety factor = 1:4 - for static pressure safety factor = 1:2



Female



Male



Series

For a wide range of threads see Cat. 0116 CPV-CNV and CVV series.

	*	Female	Male	ØA	Standards	E	3 inc	(mm	C	Ø	D	mm	L	Cł	HF	Cł	HM inc	S mm²	M inc ²	OEM's users
FASTER.	08	PV 12 GAS F PV 12 NPT F	NV 12 GAS M NV 12 NPT M	1/2" BSP 1/2" NPTF	DIN 3852-2-X ANSI B 1.20.3	66	2.60 2.60	44 44	1.73	38 38	1.50	88	3.46	27 27	1.06	27 27	1.06	86	0.13	A-C-F-I-P-Q-L N-Q

GAS = BSP Size SM = Min. useful section * On request

Pressure drop graph: test bench to ISO 7241-2 specifications with ISO VG 32 oil at 40°C (104°F) temperature. Materials:

- Female in steel with wear parts carbonitrited. Male in high grade carbon steel, induction hardened.
- Steel hardened valve.
- Surface treatment: zinc plating and yellow passivation.
 Springs in C98 steel.
 High resistance balls 100 C6.
- Seals:

Standard in oilproof NBR (Nitrile Rubber). On request: Viton, Neoprene, EPDM or other seals.

Antiextrusion rings: In pure PTFE. Working temperatures: with standard seals in NBR (Nitrile Rubber) from -25 °C (-13°F) to +125°C (+257°F). For temperature exceeding these values, the quick-release exual in a supplied with all compensation atopt teact coupling will be supplied with all components in steel together with the appropriate seals.





The descriptions and illustrations in this catalogue are for information only and are not binding

7