

STANDARD series
NV - ANV - HNV - TNV

PUSH-PULL series
CPV - CNV

SCREW-ON series
CVV - PWM - WVS

CHECK-VALVES series
VV - VUC

DIAGNOSTIC series
DF

FLAT-FACE series
FFI - 2FFI

MULTICONNECTION series
MULTIFASTER

FFI-2FFI Series

FASTER
think faster

GENERAL FEATURES

- **Connection system:** By pushing the male coupling
- **Disconnection system:** By pulling back the sleeve
- **Shut-off system:** Flat face Valve
- **Connection under pressure:** Not allowed
- **Disconnection under pressure:** Not allowed
- **Interchangeability:** According to ISO 16028 standards
- **Main application fields:** Building and Construction, Earth Moving

TECHNICAL DATA

Nominal Body Size		Working Pressure (*)	Flow Rate (**)	Burst Pressures (***)		
				Connected	Male	Female
mm	inch	MPa	l/min	MPa	MPa	MPa
6,3	1/4"	32	20	160	170	130
10	3/8"	27	70	150	140	110
12,5	1/2"	25	100	140	100	100
16	5/8"	27	120	140	140	110
19	3/4"	27	160	120	120	110
25	1"	25	210	110	110	100

(*) Safety factor 1:4 (dynamic condition) applied on the minimum burst pressure

(**) Suggested flow rate (corresponding to 0,2 MPa pressure drop) with ISO VG32 hydraulic fluid

(***) 1 MPa = 145 PSI = 10 Bar

FURTHER INFORMATION

Test Specifications:

According to ISO 7241-2 standards

Materials:

- High grade carbon steel
- Hardening treatment for specific stressed area
- Standard seals in Nitrile Rubber (NBR) and Polyurethane
- Back-up ring in PTFE
- Zinc plating and CrIII passivation

Temperature Range:

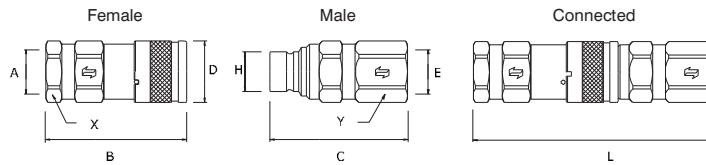
from -25°C to +100°C (with standard seals)

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FEMALE COUPLINGS

Nominal Body Size		Part Number (*)	Thread Size (A)	Length (B)	Sleeve (D)	Bulkhead Length	Hexagon (X)
mm	inch			mm	mm	mm	mm
6,3	1/4"	2FFI 14 GAS F 2FFI 14 NPT F	1/4" BSP Female 1/4" NPTF Female	59 59	27 27	-- --	24 24
10	3/8"	2FFN 38 GAS F	3/8" BSP Female	73	30	--	27
		2FFN 38-12 GAS F	1/2" BSP Female	75	30	--	27
		2FFN 38 NPT F	3/8" NPTF Female	73	30	--	27
		2FFN 38-12 NPT F	1/2" NPTF Female	76	30	--	27
		2FFN 38-12 SAE F	3/4" UNF Female ORB	75	30	--	27
		2FFN 38-2/1815 F 2FFN 38-2/2215 F	M18x1,5 Male 12L M22x1,5 Male 15L	73 74	30 30	-- --	27 27
12,5	1/2"	2FFN 38-7/1815 F 2FFN 38-7/2215 F	M18x1,5 Male Bulkhead Short 12L M22x1,5 Male Bulkhead Short 15L	91 95	30 30	26 26	27 27
		2FFI 12 GAS F	1/2" BSP Female	82	38	--	32
		2FFI 12-34 GAS F	3/4" BSP Female	84	38	--	34
		2FFI 12 NPT F	1/2" NPTF Female	83	38	--	32
		2FFI 12-34 NPT F	3/4" NPTF Female	87	38	--	34
		2FFI 12-12 SAE F	3/4" UNF Female ORB	83	38	--	32
16	5/8"	2FFI 12-58 SAE F	7/8" UNF Female ORB	85	38	--	34
		2FFI 12-34 SAE F	1-1/16" UN Female ORB	87	38	--	34
		2FFI 12-12/58 S F	1" UNS Male Bulkhead ORFS	109	38	38	32
		2FFI 12-12/34 S F	1-3/16" UN Male Bulkhead ORFS	110	38	39	36
		2FFI 12-14/58 S F	7/8" UNF Male Bulkhead ORFS	112	38	42	34
		2FFI 12-14/34 S F	1-1/16" UN Male Bulkhead ORFS	116	38	45	34
19	3/4"	2FFI 58-34 GAS F	3/4" BSP Female	93	42	--	38
		2FFI 58-34 SAE F	1-1/16" UN Female ORB	96	42	--	38
		2FFI 34 GAS F	3/4" BSP Female	101	48	--	42
		2FFI 34-1 GAS F	1" BSP Female	101	48	--	42
		2FFI 34 NPT F	3/4" NPTF Female	101	48	--	42
		2FFI 34-34 SAE F	1-1/16" UN Female ORB	101	48	--	42
25	1"	2FFI 34-1 SAE F	1-5/16" UN Female ORB	102	48	--	42
		2FFI 34-12/34 S F	1-3/16" UN Male Bulkhead ORFS	131	48	41	42
		2FFI 34-14/34 S F	1-1/16" UN Male Bulkhead ORFS	135	48	44	42
		2FFI 1 GAS F	1" BSP Female	100	55	--	50
		2FFI 1-114G F	1-1/4" BSP Female	103	55	--	55
		2FFI 1 NPT F	1" NPTF female	100	55	--	50
25	1"	2FFI 1-1 SAE F	1-5/16" UN Female ORB	100	55	--	50

(*) Other part numbers are available on request, please contact FASTER Customer Service.

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CIV - PWM - VVS

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VJ - VJC

DIAGNOSTIC series
DF

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FFI - 2FFI

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STANDARD series NV - ANV - HNV - TNV	<div><div>FFI-2FFI</div><div>Series</div><div><div><div></div><div>FASTER®</div><div>think faster</div></div></div></div>											
	MALE COUPLINGS											
PUSH-PULL series CPV - CNV	Nominal Body Size		Part Number (*)	Thread Size (E)	Length (C)	Total Length (L) Connected	Diameter (H)	Bulkhead Length	Hexagon (Y)			
	mm	inch			mm	mm	mm	mm				
SCREW-ON series CVV - PWM - WVS	6,3	1/4"	FFI 14 GAS M FFI 14 NPT M	1/4" BSP Female 1/4" NPTF Female	48 48	B + C - 11 B + C - 11	16,1 16,1	-- --	24 24			
	10	3/8"	FFN 38 GAS M U FFN 38-12 GAS M U FFN 38 NPT M U FFN 38-12 NPT M U FFN 38-12 SAE M U	3/8" BSP Female 1/2" BSP Female 3/8" NPTF Female 1/2" NPTF Female 3/4" UNF Female ORB	63 67 63 67 67	B + C - 16 B + C - 16 B + C - 16 B + C - 16 B + C - 16	19,7 19,7 19,7 19,7 19,7	-- -- -- -- --	27 27 27 27 27			
			FFN 38-2/18 M U FFN 38-2/22 M U	M18x1,5 Male 12L M22x1,5 Male 15L	63 64	B + C - 16 B + C - 16	19,7 19,7	-- --	27 27			
			2FFN 38-7/1815 F 2FFN 38-7/2215 F	M18x1,5 Male Bulkhead Short 12L M22x1,5 Male Bulkhead Short 15L	78 78	B + C - 16 B + C - 16	19,7 19,7	26 26	27 27			
			12,5	1/2"	FFI 12 GAS M FFI 12-34 GAS M FFI 12 NPT M FFI 12-34 NPT M FFI 12-12 SAE M FFI 12-58 SAE M FFI 12-34 SAE M	1/2" BSP Female 3/4" BSP Female 1/2" NPTF Female 3/4" NPTF Female 3/4" UNF Female ORB 7/8" UNF Female ORB 1-1/16" UN Female ORB	79 84 79 84 79 84 84	B + C - 17 B + C - 17 B + C - 17 B + C - 17 B + C - 17 B + C - 17 B + C - 17	24,5 24,5 24,5 24,5 24,5 24,5 24,5	-- -- -- -- -- -- --	32 34 32 34 32 34 34	
					FFI 12-12/58 S M FFI 12-12/34 S M	1" UNS Male Bulkhead ORFS 1-3/16" UN Male Bulkhead ORFS	104 105	B + C - 17 B + C - 17	24,5 24,5	38 39	32 36	
					FFI 12-14/58 S M FFI 12-14/34 S M	7/8" UNF Male Bulkhead ORFS 1-1/16" UN Male Bulkhead ORFS	106 110	B + C - 17 B + C - 17	24,5 24,5	40 44	34 34	
	16	5/8"			FFI58-34 GAS M FFI58-34 SAE M	3/4" BSP Female 1-1/16" UN Female ORB	93 93	B + C - 18 B + C - 18	27 27	-- --	38 38	
	CHECK-VALVES series VU - VUC	19	3/4"	FFI 34 GAS M FFI 34-1 GAS M FFI 34 NPT M FFI 34-34 SAE M FFI 34-1 SAE M	3/4" BSP Female 1" BSP Female 3/4" NPTF Female 1-1/16" UN Female ORB 1-5/16" UN Female ORB	100 102 100 100 100	B + C - 22 B + C - 22 B + C - 22 B + C - 22 B + C - 22	29,9 29,9 29,9 29,9 29,9	-- -- -- -- --	42 42 42 42 42		
				FFI 34-12/34 S M	1-3/16" UN Male Bulkhead ORFS	127	B + C - 22	29,9	41	42		
FFI 34-14/34 S M				1-1/16" UN Male Bulkhead ORFS	131	B + C - 22	29,9	44	42			
DIAGNOSTIC series DF				25	1"	FFI 1 GAS M FFI 1-114G M FFI 1 NPT M FFI 1-1 SAE M	1" BSP Female 1-1/4" BSP Female 1" NPTF female 1-5/16" UN Female ORB	108 111 108 108	B + C - 22 B + C - 22 B + C - 22 B + C - 22	36 36 36 36	-- -- -- --	50 55 50 50
	(*) Other part numbers are available on request, please contact FASTER Customer Service.											
	ACCESSORIES											
	FLAT-FACE series FFI - 2FFI	Nominal Body Size				Dust protections for male couplings		Dust protections for female couplings		Spare parts kits Male		Spare parts kits Female
		PVC (*)		PVC (*)								
mm		inch	Part Number	Colour	Part Number	Colour	Part Number					
6,3		1/4"	TM 2FI14	ORANGE	TM 2FI14 S	ORANGE	TF 2FI14 S	KIT 2FFI14 M	KIT 2FFI14 F			
10		3/8"	TMF 38	ORANGE	TM 2FN38 S	ORANGE	TF 2FN38 S	KIT 2FFN38 M	KIT 2FFN38 F			
12,5		1/2"	TM 2FI12	ORANGE	TM 2FI12 S	ORANGE	TF 2FI12 S	KIT 2FFNP12 M	KIT 2FFI12 F			
16		5/8"	TM 2FI58	ORANGE	TM 2FI58 S	ORANGE	TF 2FI58 S	KIT FFI58 M	KIT 2FFI58 F			
19		3/4"	TM 2FI34	ORANGE	TM 2FI34 S	ORANGE	TF 2FI34 S	KIT FFI34 M	KIT 2FFI34 F			
25		1"	TM 2FI1	ORANGE	TM 2FI1 S	ORANGE	TF 2FI1 S	KIT 2FFNP1 M	KIT 2FFI1 F			
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