

FHV IP



Screw to connect flat face coupling - Ingress Protection.

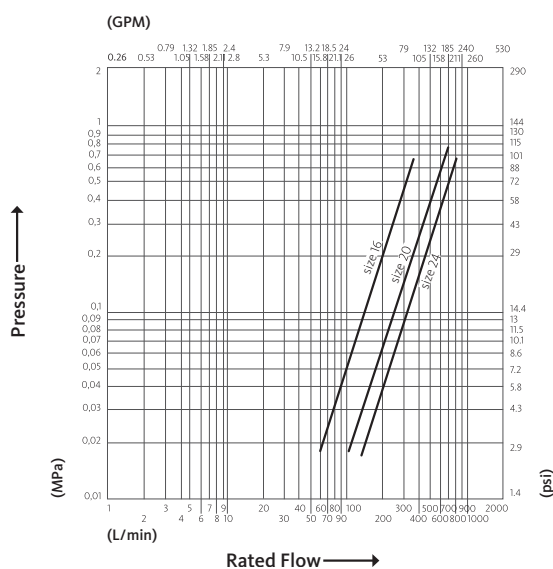
The only screw to connect coupling certified Ingress Protection 54 (IP54). Female screw-on flat face couplings, suitable to construction equipment and heavy duty applications. The Zinc-Nickel plating guarantees a remarkable resistance to corrosion. Connectable by hand up to 35 MPa residual pressure in the male half. No hose torsion during connection and disconnection thanks to the internal bearing system. Equipped with a safety sleeve to prevent accidental disconnections due to vibrations. Aluminum and pvc dust caps available. Faster proprietary profile. Extended Temperature range (from -30° to 120 ° C) in connected configuration. To be connected with FHV ET and FHV K male coupler.



Applications



Pressure Drop



Test performed according to ISO 18869

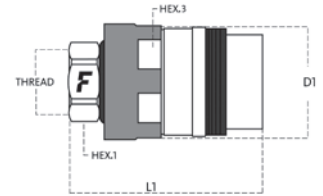
Technical Specifications

dash	Size mm	inch	Working Pressure (MPa)	Flow Rate (l/min)	Spillage (ml)	Force to Connect (N)	Burst pressure (MPa)		
							Male	Female	Male + Female
16	25	1"	53 MPa	200	0.03		140		160
20	31.5	1-1/4"	46 MPa	380	0.03		140		160
24	37.5	1-1/2"	46 MPa	420	0.03		140		160

Material	Steel
Seals	FKM & PUR
Working temperatures	-20 °C to 100 °C
Surface treatment	MATE 1000 (ZnNi)
Series Interchange	FASTER

Valve Type	Flat
Connection	Screw to Connect
Disconnection	Unscrew to Disconnect
Connection Under Pressure	Allowed Male Half up to W.P.





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Size		Thread details			FEMALE								
mm	inch	Thread Type	Standard	Thread	Part Number	L (L1 + Thread)		D1		HEX1		HEX3	
						mm	inch	mm	inch	mm	inch	mm	inch
31.5	1-1/4"	08/ METRIC	ISO 8434-1-S	M52X2 MALE BULKHEAD SHORT 38S	FHV20IP-8/5220 F	189.7	7.47	74	2.91	60	2.36	70	2.76
31.5	1-1/4"	76/ SAE	ISO 6162-2	SAE FLANGE HEAD 1-1/4	FHV20IP-76/20 F	207.2	8.16	74	2.91	55	2.17	70	2.76
31.5	1-1/4"	71/ BSPP	JIS B 2351-1	BSPP 1 FEMALE ORB	FHV20IP-71/1GF	146.7	5.78	74	2.91	55	2.17	70	2.76
31.5	1-1/4"	71/ BSPP	JIS B 2351-1	BSPP 1-1/4 FEMALE ORB	FHV20IP-71/114GF	146.7	5.78	74	2.91	55	2.17	70	2.76
31.5	1-1/4"	44/ METRIC	ISO 6162-1	METRIC FLANGE 1-1/4	FHV20IP-44A/20 F	167.2	6.58	74	2.91	-	-	70	2.76
31.5	1-1/4"	44/ METRIC	ISO 6162-1	METRIC FLANGE 1-1/4	FHV20IP-44/20 F	167.2	6.58	74	2.91	-	-	70	2.76
31.5	1-1/4"	03/ METRIC	ISO 8434-1-S	M42x2 MALE 30S	FHV20IP-3/4220 F	166.7	6.56	74	2.91	55	2.17	70	2.76
31.5	1-1/4"	F NPTF	ANSI B1.20.3	NPTF 1-1/4" FEMALE	FHV20IP 114NPT F	146.7	5.78	74	2.91	55	2.17	70	2.76
31.5	1-1/4"	F BSPP	ISO 1179-1	BSPP 1-1/4" FEMALE	FHV20IP 114GAS F	146.7	5.78	74	2.91	55	2.17	70	2.76
31.5	1-1/4"	F BSPP	ISO 1179-1	BSPP 1-1/2" FEMALE	FHV20IP 112GAS F	146.7	5.78	74	2.91	60	2.36	70	2.76
31.5	1-1/4"	F BSPP	ISO 1179-1	BSPP 1-1/2" FEMALE	FHV20ET 112GAS F	146.7	5.78	74	2.91	60	2.36	70	2.76

