



Auxiliary Lines Block (3+2 HF ports)

Castings with 5 couplings (standard and high flow lines) for construction equipment.

5 Lines blocks make machines more versatile and suitable for a wide range of attachments thanks to 5 quick-couplings hosted in one single casting: two couplings 1/2", two couplings 3/4" for high flow applications and one 3/8" to connect drain lines. The blocks can be hooked up to the machine hydraulic circuit by means of 2 input ports. Hydraulic decompression of the 1/2" lines is performed through the same patented system implemented on the 3-ports auxiliary lines blocks, whereas decompression of the 3/4" lines is achieved through a manual activation. Items shown into this section are off the shelf products not requiring any further design development or investment for production tools.

Applications



Technical Specifications

dash	Size		Working Pressure (MPa)	Flow Rate (l/min)	Spillage (ml)	Force to Connect (N)	Burst pressure (MPa)		
	mm	inch					Male	Female	Male + Female
08	12.5	1/2"	35	69	0.01	200	100	100	100
12	20	3/4"	35	146	0.02	215	100	100	100

Material	Cast Iron, Steel
Seals	NBR, PUR
Working temperatures	- 25 °C to + 100 °C
Surface treatment	MATE 500 (CrIII) MATE 1000 (ZnNi)
Series Interchange	ISO 16028

Valve Type	Flat
Connection	Push to Connect
Disconnection	Sleeve Retraction
Connection Under Pressure	Allowed Both Halves up to W.P.

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Size		Thread details								
mm	inch	Thread Type	Standard	Thread	Part Number	L (L1 + Thread)		L2		
						mm	inch	mm	inch	
12,5	1/2	13/SAE	ISO 8434-2	1-1/16"-12 UN MALE JIC	5BDHF0812-13/34S	222,1	8.74	202,5	7.90	
20	3/4	13/SAE	ISO 8434-2	1-1/16"-12 UN MALE JIC						