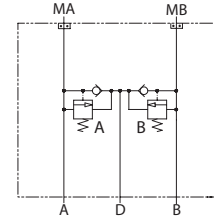


OPERATION

This is a dual shock valve with anticavitation checks that mounts to OMS motors with BSP porting. The PVLP shock valve absorbs short-duration pressure spikes. Do not use it as a full-flow pressure relief valve. For anticavitation protection, connect drain port to reservoir with adequate piping.

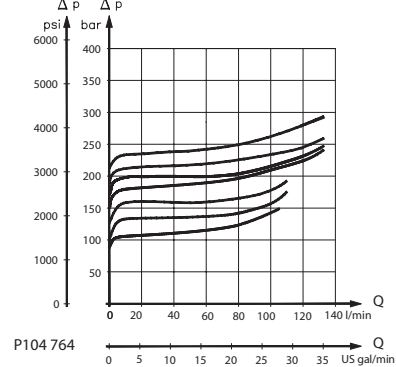
Schematic



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SPECIFICATIONS

Theoretical performance



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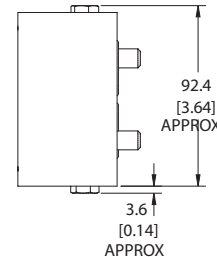
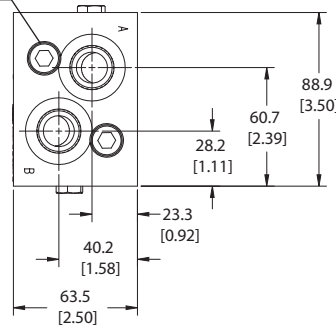
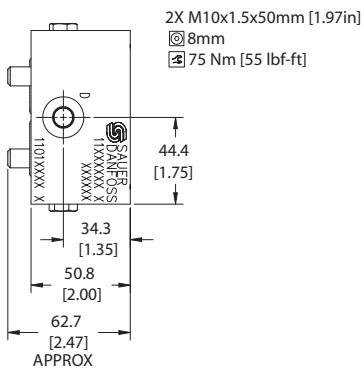
Specifications

Rated pressure	345 bar [5003 psi]
Rated flow at 7 bar [102 psi]	57 l/min [15 US gal/min]
Crack pressure	0.5 bar [7 psi]
Leakage	5 cm ³ /min [0.3 in ³ /min] @ at 207 bar [3000 psi]
Weight	2.02 kg [4.45 lb]
Shuttle/drain port	#4 SAE (1/4 BSP)
Service mount kit	11023866
Motor	OMS

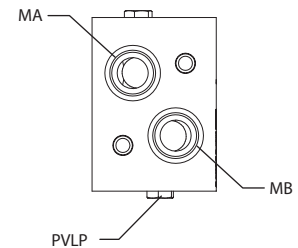
DIMENSIONS

Cross-sectional view

mm [in]



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HIC Includes:
- M10x50mm bolts (2X)
- (-119) O-rings, Viton (23.47x2.62 mm) (2X)

ORDERING INFORMATION

MM-OMS-00-DPVLP-175-S10S

Motor mount	Housing and ports	Part #
Motor code	S10S = 11L17 or Ductile, #10SAE	11019339
Secondary valve	S4B = 11L17 or Ductile, 1/2 BSP	11019340
Dual shock valve	Pressure setting (Bar)	
	100 = 100 bar [1450 psi]	
	125 = 125 bar [1813 psi]	
	150 = 150 bar [2175 psi]	
	175 = 175 bar [2538 psi]	
	190 = 190 bar [2755 psi]	
	210 = 210 bar [3045 psi]	
	230 = 230 bar [3335 psi]	

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