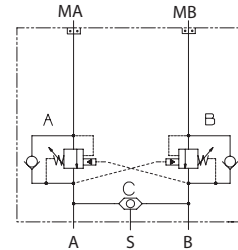


OPERATION

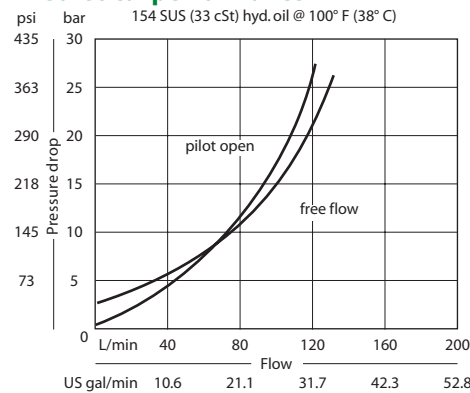
This is a dual counterbalance HIC with shuttle that mounts to OMS motors with BSP porting.

Schematic



SPECIFICATIONS

Theoretical performance



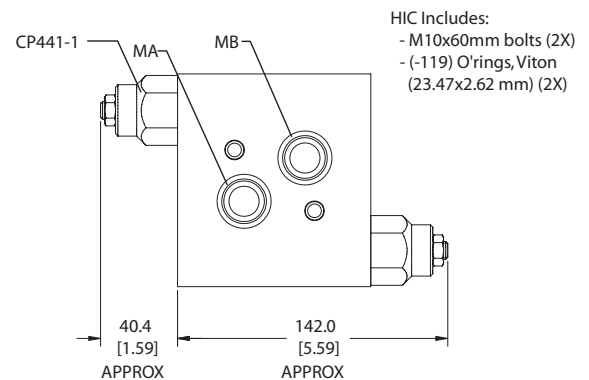
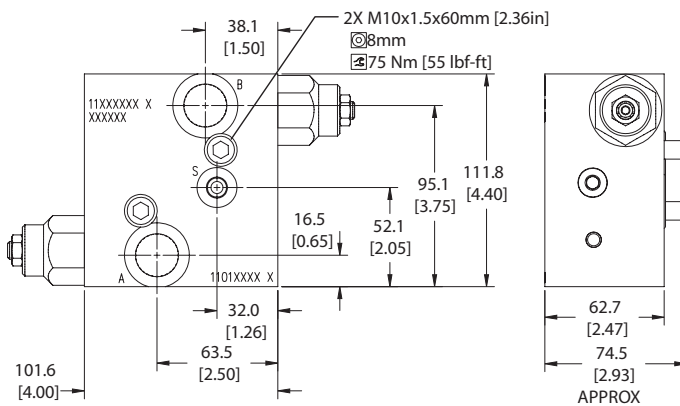
Specifications

Rated pressure	210 bar [3045 psi]
Rated flow at 22 bar [319 psi]	115 l/min [30 US gal/min]
Leakage	10 drops/min @ 70% of crack pressure
Weight	2.13 kg [4.70 lb]
Pilot ratio	3.0:1, 4.5:1, 10.0:1
Cartridge	CP441-1
Shuttle	CP124-1
Shuttle/drain port	#4 SAE (1/4 BSP)
Service mount kit	11023867
Motor	OMS

DIMENSIONS

Cross-sectional view

mm [in]



ORDERING INFORMATION

MM-OMS-LS-DCP441-1-B-10S-E-A-250-10.0-015

Motor mount	Motor code	Secondary valve	Dual counterbalance valve	Seals	Cartridge seal kit	Housing and ports	Part #	Adjust type	Pressure range	Free flow check crack pressure	Pilot ratio	Cracking pressure
		LS = Load sense shuttle valve		B = Buna-N V = Viton	120335 120336	10S = AI, #10SAE 4B = AI, 1/2 BSP	11026335 11026336	E = External adjustment F = Tamper resistant	See CP441-1 for std. settings For pilot ratio 3:1 A = 34-103 bar [500-1500 psi] B = 103-207 bar [1500-3000 psi] For pilot ratio 4.5:1 A = 34-138 bar [500-2000 psi] B = 103-345 bar [1500-5000 psi] For pilot ratio 10:1 A = 69-345 bar [1000-5000 psi]	005 = .34 bar (5 psi) 015 = 1.03 bar (15 psi)	3.0:1 4.5:1 10.0:1	Code x 10 = psi Example: 050 = 500 psi