

PILOT OPERATED CHECK, DUAL

A-VSO-DE-N-38-FCB-38

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Material number R930000848

TECHNICAL DATA

Max. operating pressure: 350 bar (5075 psi) **Max flow:** 30 l/min (8 gpm)

Valve setting (cracking pressure)
1 bar (15 psi)

Pilot ratio
Valve: 7:1

Port size
V1-V2: G 3/8
C1-C2: Ø6 (Ø0.24)

Material

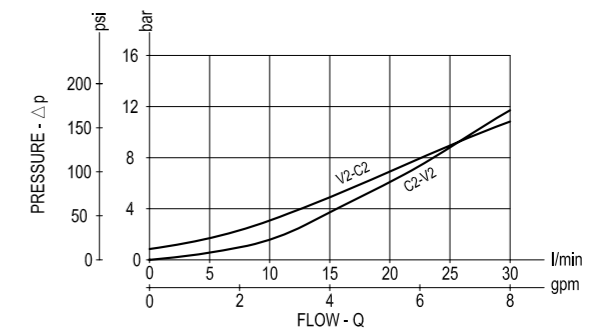
Manifold: zinc plated steel.
External parts: zinc plated steel.

Weight: 1.5 kg (3.31 lbs)

Description

Flow is allowed to pass in one direction (V1 to C1 or V2 to C2), then the valve remains closed (checked) in both reverse directions (C1 to V1 or C2 to V2) in order to hold and lock in position the cylinder or other actuators; reverse flow is possible only when sufficient pilot pressure is applied at V2 or V1, which act as cross connected pilot ports, and the pilot piston lifts the poppet from its seat overcoming cylinder port pressure. For better safety and compact assembly, C1 and C2 ports are flanged (gasket mounted) directly on the actuator.

Performance graph



Application

Aerial working platform outrigger cylinder.

