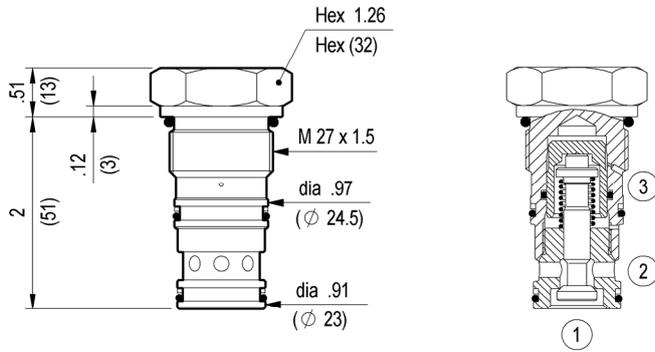


**PILOT OPERATED CHECK, PILOT TO OPEN
CAVITY INTERCHANGE**

VSON-12H

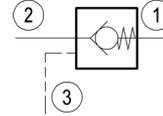
A12336

04.33.07 - X - 15 - Z



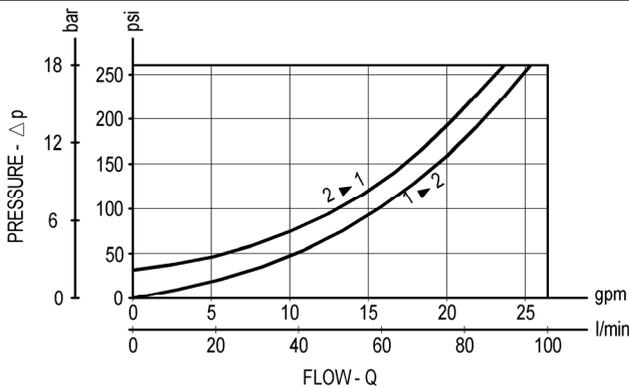
Inches
(mm)

When pressure at 2 rises above the spring bias pressure, the poppet is pushed from its seat and flow is allowed from 2 to 1. The valve is normally closed (checked) from 1 to 2. When sufficient pilot pressure is present at port 3, the pilot piston acts to push the poppet from its seat and flow is allowed from 1 to 2. Precision machining and hardening processes allow virtually leak-free performance in the checked condition.



TECHNICAL DATA

Max. pressure:	5000 psi	(350 bar)
Max. flow:	27 gpm	(100 l/min)
Pilot ratio:	3.2 : 1	
Cavity :	INTEGRATED HYDRAULICS A12336	
Installation torque :	44 ft-lb	(60 Nm)
Weight:	0.551 lbs	(0.250 Kg)



X O-RING ON PILOT PISTON

00	No O-Ring
10	With O-Ring

SPRINGS

Z	SPRINGS			
	Cracking pressure psi (bar)			
00	30 (2)			