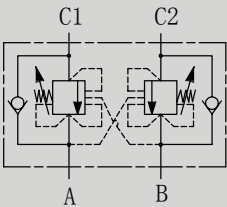


HOW型双向平衡阀(开式平衡)

HOW SERIES DUAL COUNTERBALANCE VALVES FOR OPEN CENTRE

符号 SYMBOL



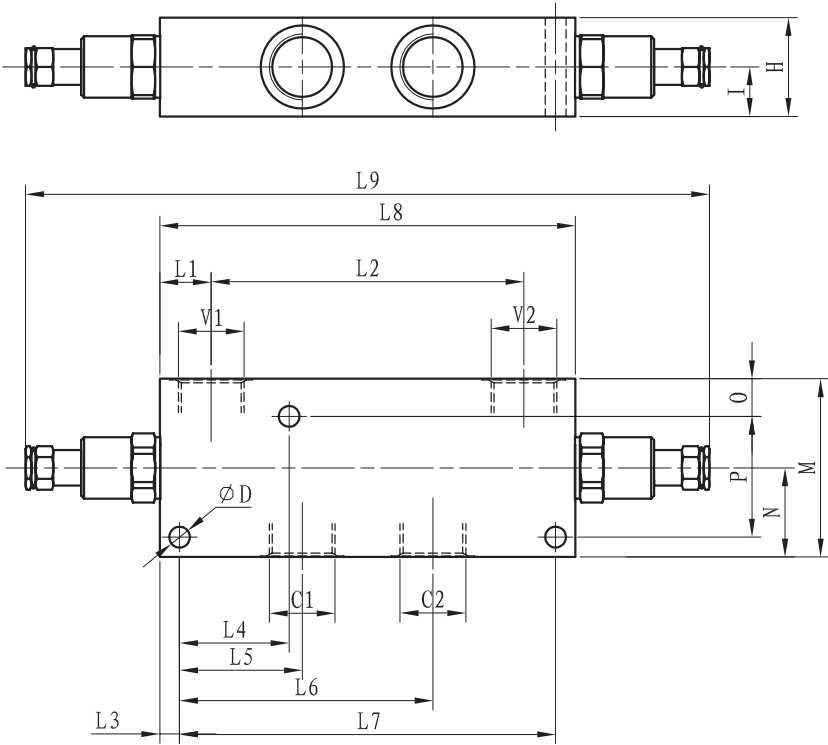
HOW系列双向平衡阀 通过对C1口和C2口的控制来调节进出执行器的流量,从而达到对负载进行动态与静态的控制,这类阀包含两部分,每部分都由一个单向阀和一个带先导相互控制的溢流阀组成,单向阀允许油液正向自由流向执行器,反向则截止,先导压力相互交叉控制,溢流阀的设定压力被比例的减小,直到阀口被打开允许油液反向流动,V1口或V2口的背压会附加到弹簧设定压力上。

It provides static and dynamic control of load by regulating the flow IN and OUT of the actuator, through ports C1 and C2.This valve module includes 2 sections, each one composed by a check and a relief valve pilot assisted by pressure in the opposite line: the check section allows free flow into the actuator, then holds the load against reverse movement; with pilot pressure applied at the line across, the pressure setting of the relief is reduced in proportion to the stated ratio until opening and allowing controlled reverse flow. Back-pressure at V1 or V2 is additive to the pressure setting in all functions.

技术参数 Technical data

型号 Model	HOW-3/8-50	HOW-1/2-80	HOW-3/4-120	HOW-1-160
流量范围 (l/min) Flow Range (l/min)	50	80	120	160
最大压力 (MPa) Max.Peak Pressure (MPa)	31.5			
先导比例 Pilot Ratio	4.3:1	4.3:1	6.8:1	3:1
阀体 (材料) 表面处理 Valve body (Material) Surface treatment	(钢体) 表面镀白锌处理/ (Steel body) Surface clear zinc plating			
油液清洁度 Oil cleanliness	NAS1638 9级和ISO4406 20/18/15级 NAS1638 class 9 and ISO4406 class 20/18/15			

安装尺寸 Installation Dimensions



型号Model	L1	L2	L3	L4	L5	L6	L7	L8	L9	O	P	N	M	I	H	φ D	V1 C1 V2 C2
HOW-3/8-50	18	94	10	32	34	76	110	130	229	6	40	28	56	15	30	7	G3/8"
HOW-1/2-80	18	94	9.5	32.3	34.5	76.5	106.5	130	237	9.7	41.3	33	65	19	38	6.6	G1/2"
HOW-3/4-120	23	109	10	-	32.5	102.5	135	155	280	10	70	45	90	22.5	45	10.5	G3/4"
HOW-1-160	26	158	10	-	62	128	190	210	345.5	10	70	45	90	25	50	10.5	G1"