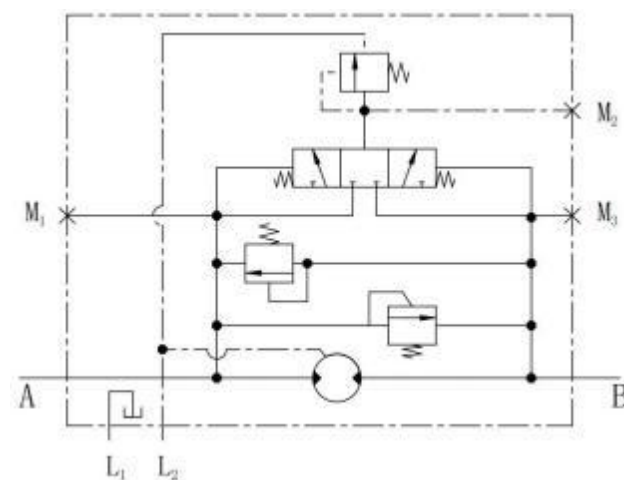




LMV series closed variable axial piston motor



Technical Parameter

Rated displacement			70	90
	Maximum displacement	ml/r	70	90
speed	Maximum continuous operating speed (Full load condition)	r/min	3200	3000
	Maximum operating speed (instantaneous)	r/min	3200	3200
	rated speed	r/min	2500	
	Minimum continuous operating speed	r/min	500	
pressure	Rated working pressure	Mpa	35	
	Maximum working pressure (instantaneous)	Mpa	38	
	Continuous working pressure (Δ P)	Mpa	30	
	Allowable shell pressure (absolute)	Mpa	Constant 0.25, Peak value0.5	
Torque	Continuous output torque (Under continuous work pressure)	Nm	334	430
	Maximum output torque	Nm	390	502
power	maximum power	KW	131	157
temperature	Allowable temperature of shell	℃	-40 to 50	
	Maximum operating temperature of fuel tank	℃	80	
weight	LMV series hydraulic motor Hydraulic oil drainage	kg	42	43

Model Selection Table

1	2	3
XX	XX	XX

1、 model

LMV-Closed variable axial piston motor

LMVC-Plug in variable axial piston motor

2、 displacement

70-70ml/r 90-90ml/r

3、 output shaft

		70	90
21	21teeth, 16/32 pitch diameter	●	●
23	23teeth, 16/32 pitch diameter	○	○
14	14teeth, 12/24 pitch diameter	○	○
18	18teeth, 12/24 pitch diameter	○	○

symbol: ●-STANDARD OPTIONS ○-Optional items