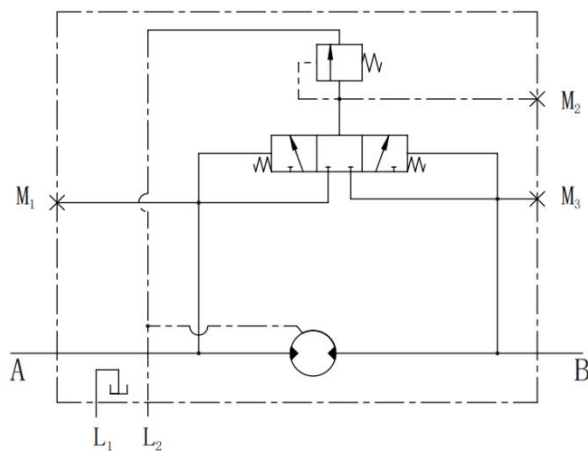




LMF series closed axial piston motor



Technical Parameter

Rated displacement			30	50	70	90	110	130	160	200
	Maximum displacement	ml/r	30	50	70	90	110	130	160	200
speed	Maximum continuous operating speed (Full load condition)	r/min	3200	3200	3200	3000	2700	2700	2400	2400
	Maximum operating speed (instantaneous)	r/min	3800	3500	3200	3200	2900	2900	2600	2500
	rated speed	r/min	2500						2200	
	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	Constant0.25, Peak value0.5							
Torque	Continuous output torque (Under continuous work pressure)	Nm	143	248	334	430	526	621	765	956
	Maximum output torque	Nm	167	278	390	502	613	725	892	1115
power	maximum power	KW	56	93	131	157	180	212	224	280
temperature	Allowable temperature of shell	℃	-40 to 50							
	Maximum operating temperature of fuel tank	℃	80							
weight	LMF series hydraulic motor Hydraulic oil drainage	kg	22	23	33	34	36	38	65	66

Model Selection Table

1	2	3
LMF	XX	XX

1、LMF series closed axial piston motor

2、displacement

30-30ml/r 50-50ml/r 70-70ml/r

90-90ml/r 110-110ml/r 130-130ml/r

160-160ml/r 200-200ml/r

3、output shaft

		30	50	70	90	110	130	160	200
21	21teeth, 16/32 pitch diameter	●	●	●	●	○	○		
23	23teeth, 16/32 pitch diameter			○	○	●	●		
27	27teeth, 16/32 pitch diameter							○	○
13	13teeth, 8/16 pitch diameter							●	●

symbol: ●-STANDARD OPTIONS ○-Optional items