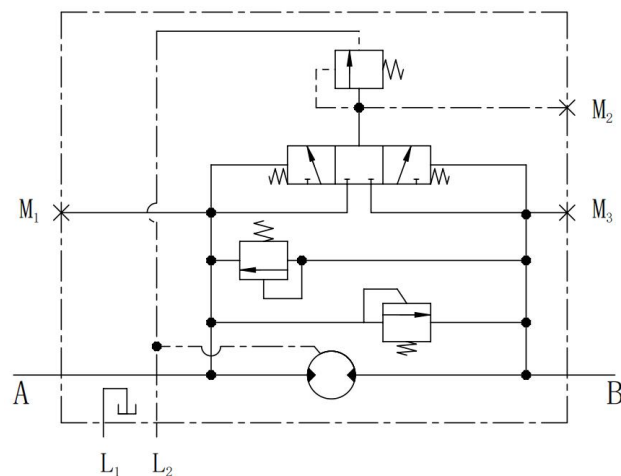




HMF series closed axial piston motor



Technical Parameter

Rated displacement			30	50	70	90	110	130
	Maximum displacement	ml/r	30	50	70	90	110	130
speed	Maximum continuous operating speed (Full load condition)	r/min	3200	3200	3200	3000	2700	2700
	Maximum operating speed (instantaneous)	r/min	3800	3500	3200	3200	2900	2900
	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 (ΔP)	Mpa	30					
	Allowable shell pressure (absolute)	Mpa	Constant 0.25, Peak value0.5					
Torque	Continuous output torque (Under continuous work pressure)	Nm	143	248	334	430	526	621
	Maximum output torque	Nm	167	278	390	502	613	725
power	maximum power	KW	56	93	131	157	180	212
temperature	Allowable temperature of shell	°C	-40 to 50					
	Maximum operating temperature of fuel tank	°C	80					
weight	HMF series hydraulic motor Hydraulic oil drainage	kg	22	23	33	34	36	38

Model Selection Table

1	2	3
HMF	XX	XX

- HMF series closed axial piston motor
- displacement
30-30ml/r 50-50ml/r 70-70ml/r
90-90ml/r 110-110ml/r 130-130ml/r
- output shaft

		30	50	70	90	110	130
21	21teeth, 16/32 pitch diameter	●	●	●	●	○	○
23	23teeth, 16/32 pitch diameter			○	○	●	●

symbol: ●-STANDARD OPTIONS ○-Optional items