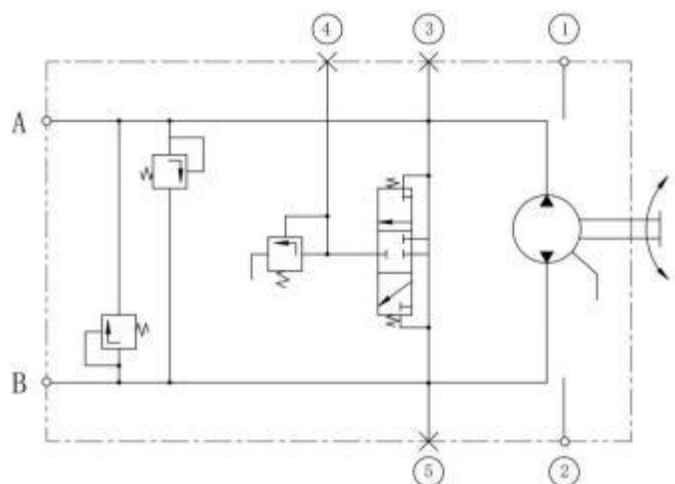




MF series closed axial piston motor



Model Selection Table

1	2	3
MF	XX	XX

1、MF series closed axial piston motor

2、displacement

20-33.3ml/r 22-69.8ml/r
23-89ml/r 110-110.8ml/r

3、output shaft

		20	22	23	110
21	21teeth, 16/32 pitch diameter	●	●	○	
23	23teeth, 16/32 pitch diameter			●	●
14	14teeth, 12/24 pitch diameter	○	○		
Z	axis of a cone, 1-20 UNEF	○	○	○	○

symbol: ●-STANDARD OPTIONS ○-Optional items

Technical Parameter

Rated displacement			20	22	23	110
	Maximum displacement	ml/r	33.3	69.8	89	110.8
speed	Maximum continuous operating speed (Full load condition)	r/min	3500	3200	3000	3000
	rated speed	r/min	2500			
	Minimum continuous operating speed	r/min	500			
pressure	Rated working pressure	Mpa	35			
	Maximum working pressure (instantaneous)	Mpa	42			
	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	334	430	621
	Maximum output torque	Nm	167	390	502	725
power	maximum power	KW	56	131	157	212
temperature	Allowable temperature of shell	℃	-40 to 50			
	Maximum operating temperature of fuel tank	℃	80			
weight	MF series hydraulic motor Hydraulic oil drainage	kg	34	42	49	49