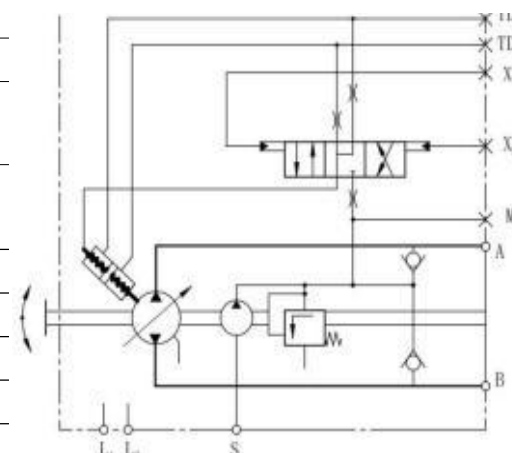
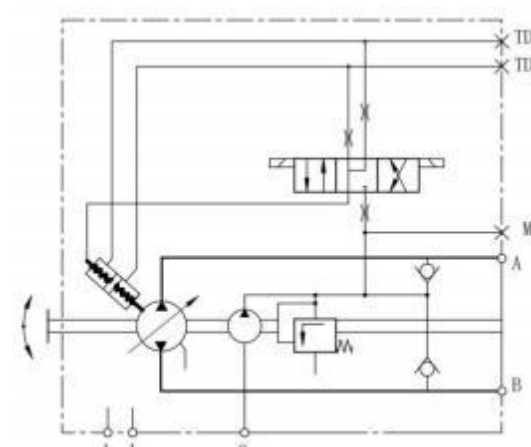
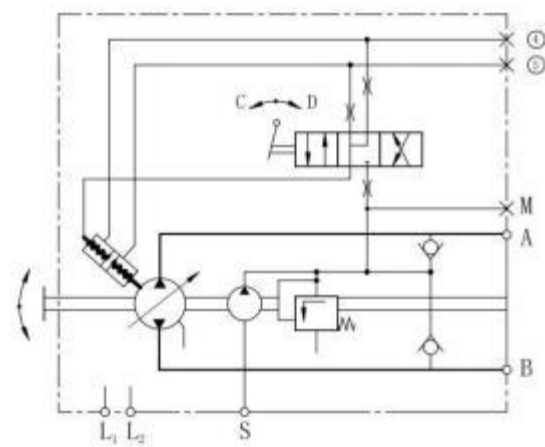
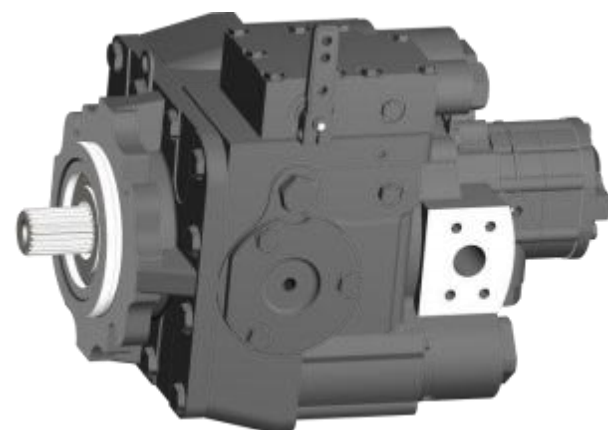




PV series closed axial piston pump



Technical Parameter

Rated displacement			20	21	22	23	110
	Maximum displacement	ml/r	33.3	51.6	69.8	89	110.8
speed	Maximum continuous operating speed (Full load condition)	r/min	3500	3500	3200	2700	2700
	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	162.3	252.3	342.6	432.9	535.3
	Maximum output torque	Nm	227	353.2	480	606	749
power	Continuous Power	KW	41	64.5	98	128	137
	maximum power	KW	57	75	105	138	159
temperature	Allowable temperature of shell	℃	80				
	Maximum operating temperature of fuel tank	℃	70				
angle	Maximum inclination angle of the inclined plate	°	± 18°				
weight	PV series hydraulic pump Hydraulic oil drainage	kg	45	45	63	79	79

Model Selection Table

1	2	3	4	5
PV	XX	XX	X	XX

1、PV series closed axial piston pump

2、displacement

20-33.3ml/r 22-69.8ml/r

23-89ml/r 110-110.8ml/r

3、control mode

MA-Manual servo control

EP-Electric Propprtional servo control

HS-Hydraulic servo control

4、Direction of rotation

R-clockwise

L-anticlockwise

5、Input 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