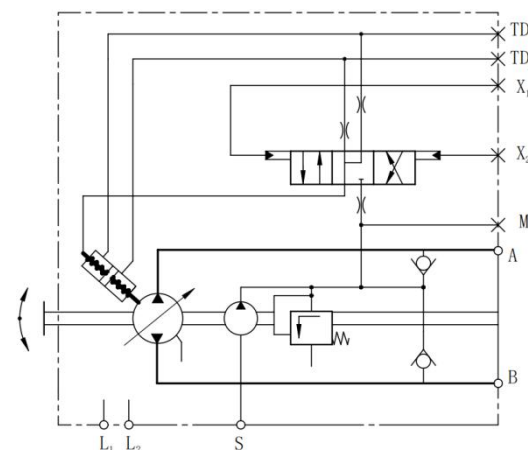
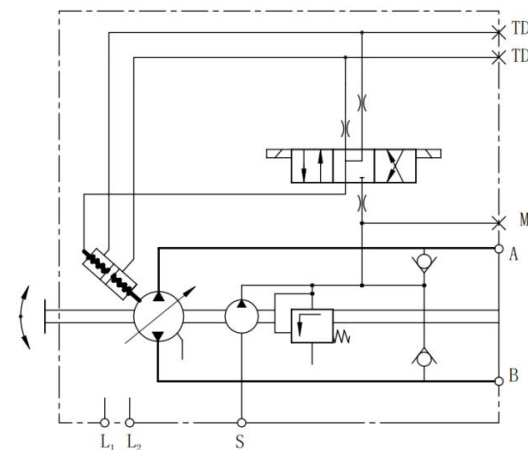
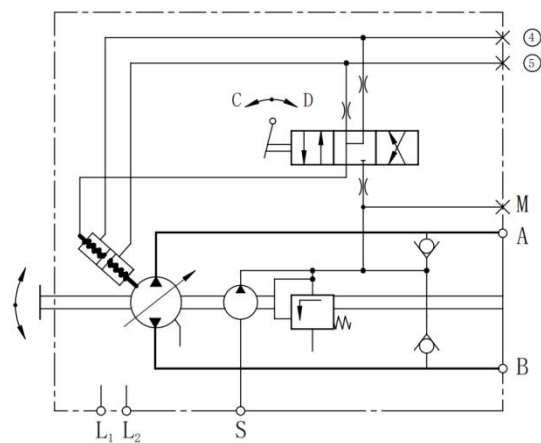
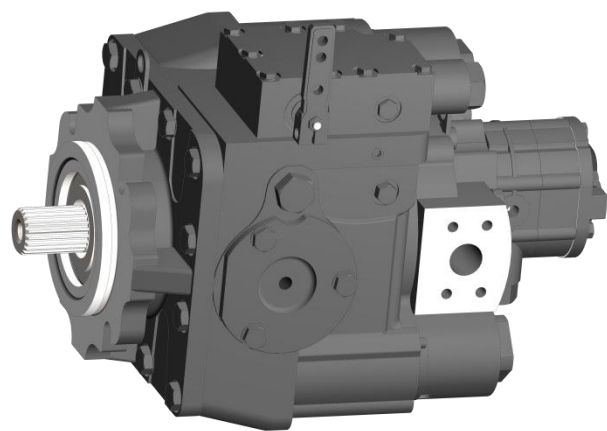




PV series closed axial piston pump



Technical Parameter

Rated displacement	Maximum displacement	ml/r	20	22	23	110
			33.3	69.8	89	110.8
speed	Maximum continuous operating speed (Full load condition)	r/min	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 (ΔP)	Mpa	30			
	Allowable shell pressure (absolute)	Mpa	Constant0.25, Peak value0.5			
Torque	Continuous output torque (Under continuous work pressure)	Nm	162.3	342.6	432.9	535.3
	Maximum output torque	Nm	227	480	606	749
power	Continuous Power	KW	41	98	128	137
	maximum power	KW	57	105	138	159
temperature	Allowable temperature of shell	°C	80			
	Maximum operating temperature of fuel tank	°C	70			
angle	Maximum inclination angle of the inclined plate	°	$\pm 18^\circ$			
weight	PV series hydraulic pump	kg	45	63	79	79
	Hydraulic oil drainage					

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 Propprtnal 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