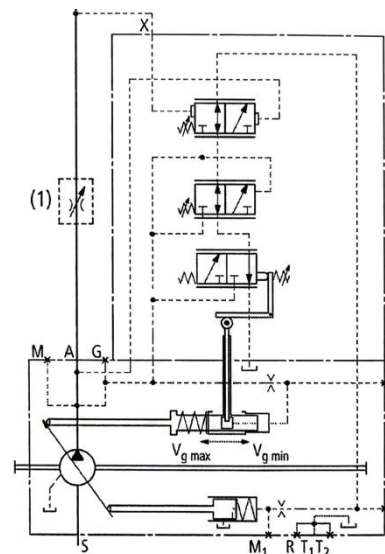
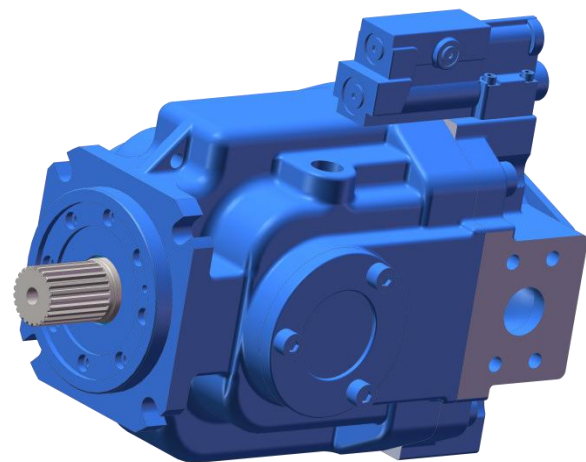




HF series open axial piston pump



Technical Parameter

Rated displacement			70	90
	Maximum displacement	ml/r	69.8	90.5
speed	Maximum continuous operating speed (Full load condition)	r/min	3200	3000
	rated speed	r/min	2500	
	Minimum continuous operating speed	r/min	500	
pressure	Rated working pressure	Mpa	25	
	Maximum working pressure (instantaneous)	Mpa	28	
	Continuous working pressure (ΔP)	Mpa	23	
	Allowable shell pressure (absolute)	Mpa	Constant0.25, Peak value0.5	
Torque	Continuous output torque (Under continuous work pressure)	Nm	260	334
	Maximum output torque	Nm	312	402
power	Continuous Power	KW	68	87.5
	maximum power	KW	105	126
temperature	Allowable temperature of shell	°C	80	
	Maximum operating temperature of fuel tank	°C	70	
angle	Maximum inclination angle of the inclined plate	°	+18°	
weight	HF series hydraulic pump	kg	45	46
	Hydraulic oil drainage			

Model Selection Table

1	2	3	4	5	6
HFR	XX	XX	X	XX	XX

1、HF series open axial piston pump

2、displacemen

70-69.8ml/r 90-90.5ml/r

3、control mode

C-LS load sensitivity/pressure compensation

4、Direction of rotation

R-clockwise

L-anticlockwise

5、Input shaft

		70	90
21	21teeth,16/32 pitch diameter	○	○
23	23teeth,16/32 pitch diameter	●	●
14	14teeth,12/24 pitch diameter	○	○
17	17teeth,12/24 pitch diameter	○	○

6、Auxiliary mounting flange

		70	90
AD	SAE A(spline sleeve: 9Tooth, 16/32Pitch)	○	○
BG	SAE B(spline sleeve:13Tooth, 16/32Pitch)	○	○
BB	SAE B(spline sleeve:15Tooth, 16/32Pitch)	○	○
NN	No Auxiliary Mounting Flange	●	●

symbol: ●-STANDARD OPTIONS ○-Optional items