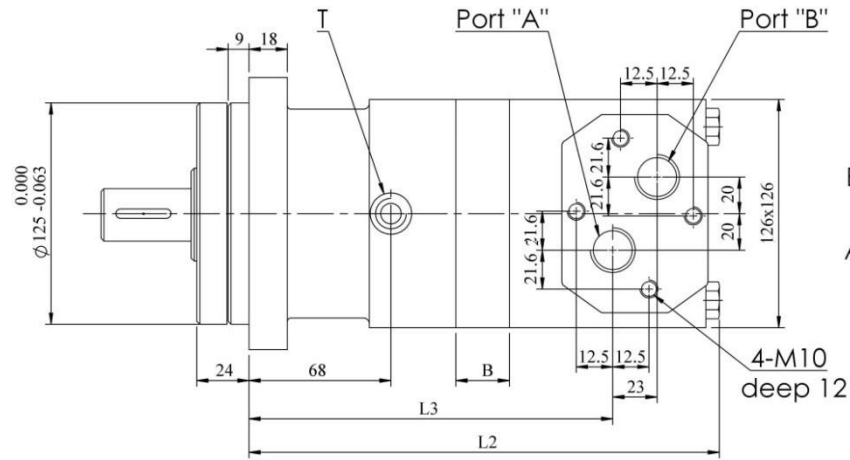


Orbit motor MHT Series



Working principle:

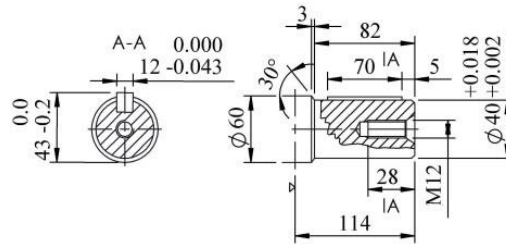
High pressure oil goes into the motor's housing through the inlet, passing the auxiliary plate, distributor, then the working space between the orbit cam and rolls. Pressed by the high pressure oil, orbit cam rotates from the high pressure side to the low pressure side. The orbit cam makes rotation and revolution against the rolls, at the same time, pressure oil is distributed continuously; thus, the output shaft can also rotate continuously.

The output speed can be controlled by adjusting the inlet flow capability of the motor, and the rotating direction can be changed by exchanging the flow direction.

Features and applications:

BM hydraulic motor is one type of high torque low speed hydraulic motors, with high efficiency and long life. BM motor has a wide speed range, high starting torque and rotating stable at high speed compact and light, it can be connected to working machine directly, adapted to all kinds of low speed heavy load facilities.

BM hydraulic motors are widely applied in agriculture machinery, fishing machinery, plastic industry, mining, and construction machinery.



Model	Displacement (cc/rev)	Max pressure (Bar)		Max torque (Nm.)		Max speed (rpm)	B (mm.)	L2 (mm.)	L3 (mm.)	Max flow (lpm)	Weight (Kg.)	Port A&B	Drain port
		Cont.	Peak	Cont.	Peak								
MHT160	158.8	200	240	450	559	10-594	12	201	150	100	20.3	3/4 BSPP	1/4 BSPP
MHT200	200.8	200	240	561	714	9-475	16.5	205.5	155	100	20.8	3/4 BSPP	1/4 BSPP
MHT250	252.2	200	240	710	883	8-380	22	211	160	100	21.4	3/4 BSPP	1/4 BSPP
MHT320	317.5	200	240	902	1143	7-296	29	218	167	100	22.4	3/4 BSPP	1/4 BSPP
MHT400	401.6	180	210	1008	1255	6-238	38	227	176	100	23	3/4 BSPP	1/4 BSPP
MHT500	535.3	160	180	1121	1377	5-166	56.5	245.5	195	100	24	3/4 BSPP	1/4 BSPP