

ITMS - ITMS18 ITMS Series Motor

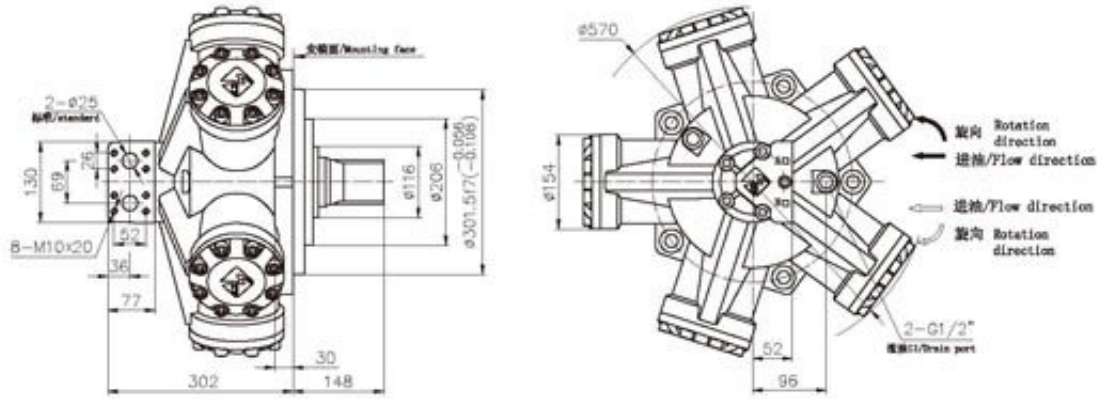
ITMS series' hydraulic motor integrates the advantage of ITM and STF series' motor. It is a new concept hydraulic motors with higher comprehensive performance;

Main characteristics:

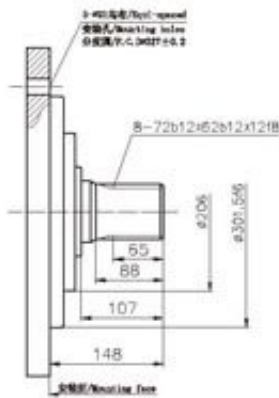
1. Same structure as STF series as removed piston sleeve, integrated body case and piston cylinder hole; featured with high power-mass ratio and technical performance;
2. Applied hydrostatic oil-film modality between ball-socket of piston and ball head of con-rod to heighten its contact pressure ratio, working pressure and mechanical efficiency;
3. Special surface treatment of piston guarantees its permanent structure and low-friction seal that enables its higher volumetric and mechanical efficiency;
4. Higher anti-impact and load performance due to its enhanced roller bearing;
5. Longer service life due to special materials and advanced heat treatment in main transmitting parts;
6. Same installation data as ITM series; an ideal replacement of ITM series in higher pressure & performance application.

Type	Displacement (ml/r)	Pressure(Mpa)		Torque(N.m)			Max Power (Kw)	Weight (Kg)	Max Speed (r/min)
		Rated Pressure	Max Pressure	Rated Torque	Theoric Specific Torque (N.m/Mpa)				
ITMS18-1250	1248	22	27.5	3929	179	86	160	300	
ITMS18-1400	1418	22	27.5	4464	203	92		280	
ITMS18-1600	1616	22	27.5	5087	231	93		250	
ITMS18-1800	1815	22	27.5	5714	260	92		220	
ITMS18-2000	2035	20	25	5824	291	85		200	
ITMS18-2400	2267	20	25	6488	324	86		180	
ITMS18-2500	2512	18	22	6470	359	73		165	
ITMS18-	2822	16	20	6461	404	66		150	

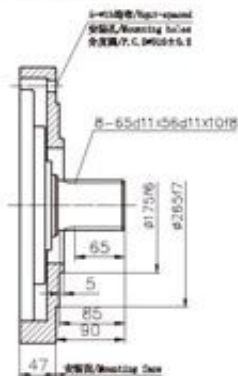
ITMS18 外形及安装尺寸/ ITMS18 Installation Dimensions



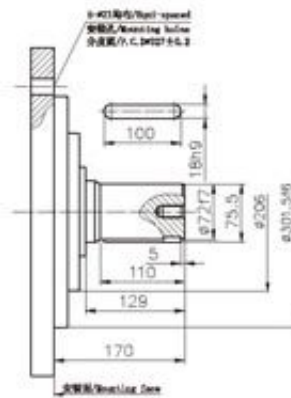
标准外花键 : ITMS18--
Involute Spline



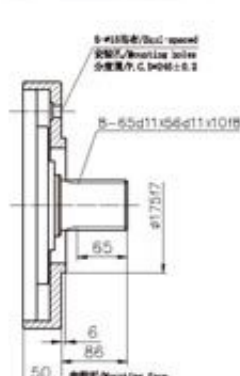
ITMS18--SL₄



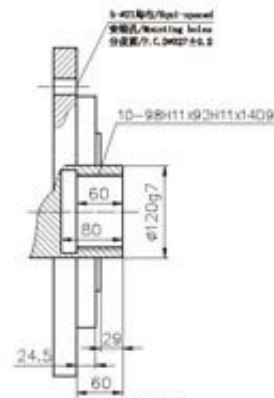
标准平键 : ITMS18--B
Parallel Key



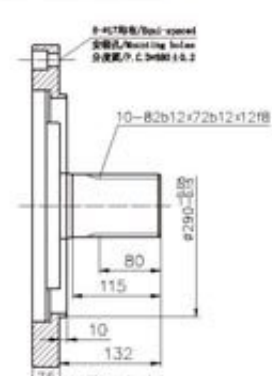
ITMS18--SM₄



标准内花键 : ITMS18--I
Female Spline



ITMS18--N





Product link : <http://www.stffirm.com/?p=1111>