

STFC - STFC400 STFC Series Motor

STFC series high pressure motor is the quintessence of our years' experience in technique and market. It is designed based on hydrostatic balance technology, and grows gradually to be mature after years' continuous inspection and improvement.

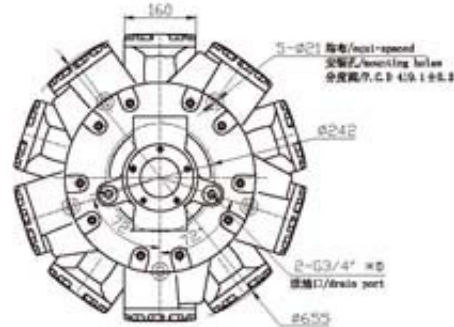
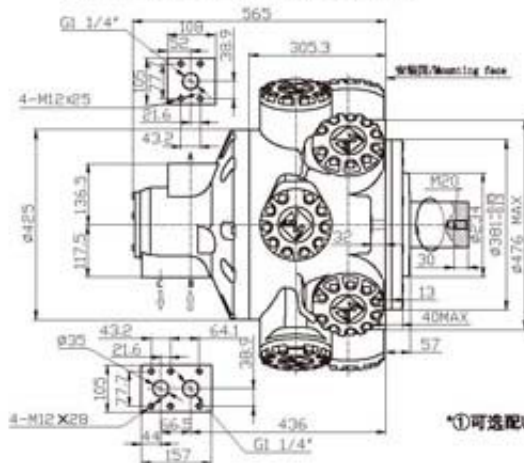
Main characteristics:

1. High mechanical efficiency and starting torque due to the hydrostatic balance built between the piston, con-rod and eccentric sets which reduces the friction between con-rod and eccentric sets, also reduces the side force of pistons, and increases contact pressure ratio between the ball and socket of piston ;
2. Good sealing capability, less leakage due to applying hydrostatic balance shaft distributor to prevent the shaft tilted; enables continuous working in high pressure condition (Max. pressure up to 29MPa);
3. Less leakage and higher volumetric efficiency due to the special seal rings;
4. Longer overall service life due to the special materials and advanced treatment process in main driving components ;
5. Ideal replacement of STAFFA due to their same installation data and similar technical performance.

TYPE	Theory Displacement	Pressure		Torque		Max.Speed	Ra
		Rated Pressure	Max.Pressure	Rated Torque	Unit Torque		
	ml/r	MPa	MPa	N.m	N.m/MPa	r/min	
STFC400-5500	5510	23	29	18135	788	120	
STFC400-6000	5996	23	29	19735	858	120	
STFC400-6500	6483	23	29	21337	928	120	
STFC400-6800	6807	23	29	22404	974	120	

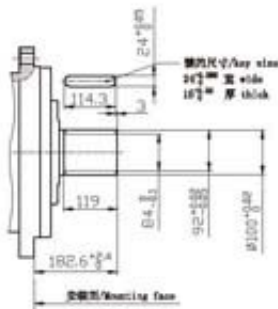
STFC(HD)400 外形及安装尺寸/ STFC(HD)400 Installation Dimensions

进出油口为F04的安装尺寸/With F04 Distributor

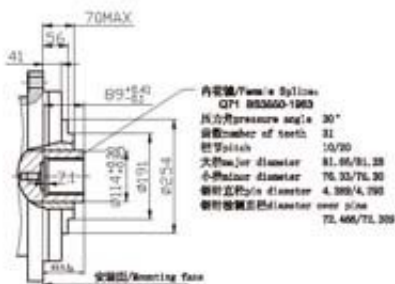


*①可选配UNF3/4\"-16接头/Option: UNF3/4\"-16

STFCHD400-★P71

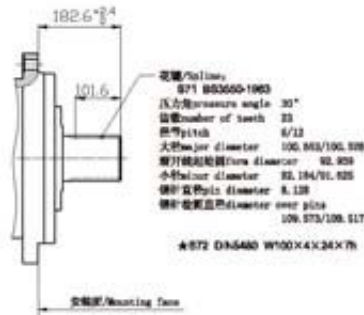


STFCHD400-Q71

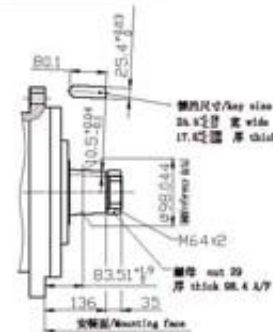


注: 带★的轴为标准轴, 则★P71为标准平行键轴。
Notes: ★= Standard Shaft
★P71= Standard Parallel Keyed Shaft

STFCHD400-S71 & ★S72



STFCHD400-T71



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Product link : <http://www.stffirm.com/?p=1132>