

## STFD - STFD270/325 STFD Series Motor

Our latest product STFD series' dual speed hydraulic motor is an upgrade of the STFC series low-speed and high torque hydraulic motors.

It inherits the STFC series hydrostatic balance structure, and featured with high efficiency, high starting torque, high volumetric efficiency, etc.

The STFD series' dual speed hydraulic motor enables users to select the required displacement in a wide range for special working conditions.

Users can switch the displacement by using a remote control or manual control, with control valve mounted on the motor. The displacement can be changed easily while the motor is running.

Main characteristics:

1. Low speed, high-torque;
2. High efficiency;
3. Stable performance;
4. Wide-range option of displacement;
5. Switchable displacement while the motor is running;
6. Switch option: electromagnetic, manual, automatic.

## 技术参数表/ Technical Parameter

名义排量 Nominal Displacement 编码标识 Ordering Code 3 4	m <sup>3</sup> /r	4600	4100	3600	3300	3000	2600	2300	1900	1600	1400	970	680	500	340	170
排量 Displacement	m <sup>3</sup> /r	4597	4086	3632	3291	2951	2610	2270	1930	1646	1362	965	681	500	340	170/0
单位扭矩 Unit Torque	N.m/MPa	657	585	514	460	419	356	310	259	210	168	108	73	47	24	0
最高转速 Max. Speed	r/min	108	120	135	145	165	180	215	240	290	315	315	315	315	315	900
额定功率 Rated Power	KW	123	115	104	97	90	83	76	68	59	48	37	25	18	8	0
最大功率 Max. Power	KW	153	149	142	136	129	122	112	102	91	81	68	47	32	12	0
额定压力 Rated Pressure	MPa	23	23	23	23	23	23	23	23	23	23	23	23	23	23	1.5
最高压力 Max. Pressure	MPa	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	1.5

### \* STFD270排量的选择范围 / Displacement Options

大排量为 / Large Displacement: 4600, 4100, 3600, 3300

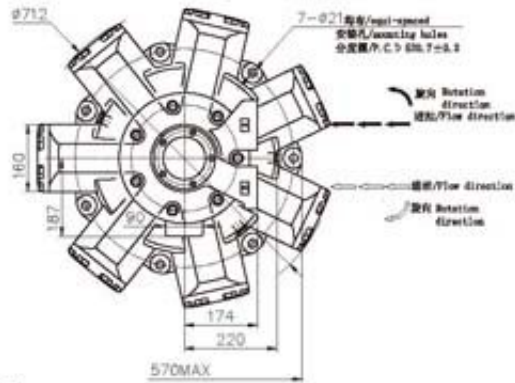
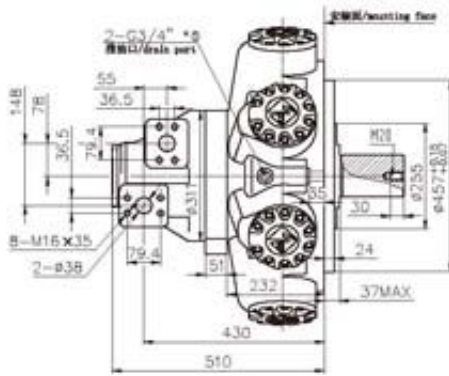
小排量为 / Small Displacement: 3300, 3000, 2600, 2300, 1900, 1600, 1400, 970, 680, 500, 340, 170, 0

# STFD270/325 系列/STFD270/325 Serie



## STFD270 外形及安装尺寸/STFD270 Installation Dimensions

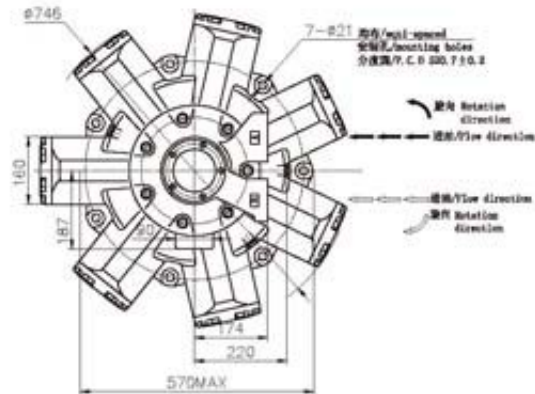
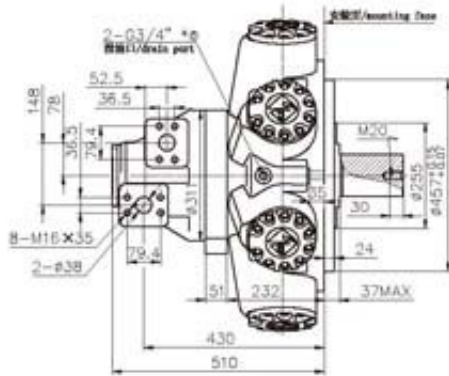
进出油口为F03的安装尺寸/With F03 Distributor



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

## STFD325 外形及安装尺寸/STFD325 Installation Dimensions

进出油口为F03的安装尺寸/With F03 Distributor



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

ITM  
ITMS  
STFC  
STFD  
CRM  
OMZ



Product link : <http://www.stffirm.com/?p=1147>