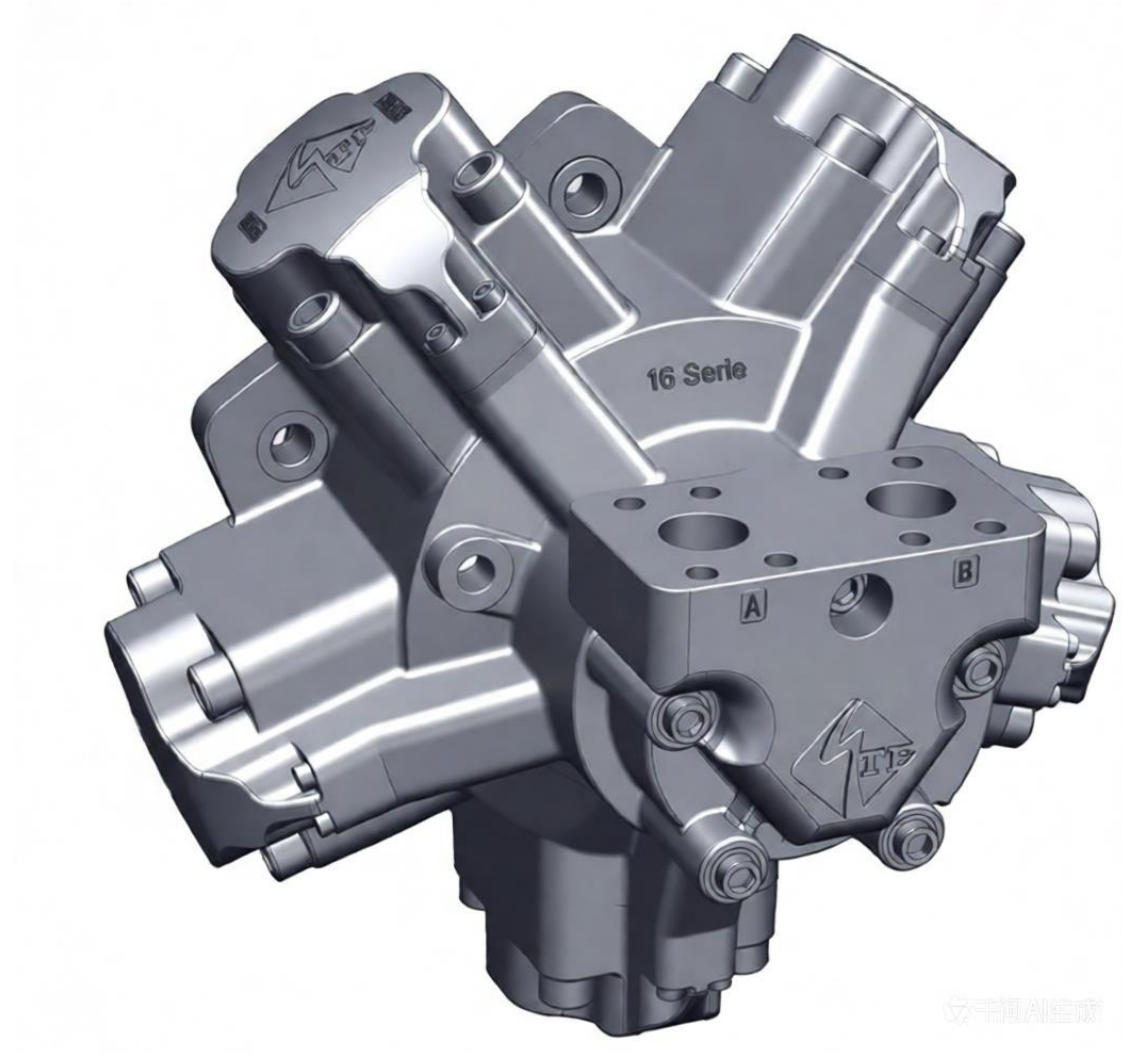


IHS16系列马达



产品概述/ Product Overview

IHS16系列马达是我司根据多年开发经验，在ITMH16马达的基础上，为满足塑机使用更高压力等级工况要求的同时，使马达工作在高效工作区间推出的一款高速耐高压大扭矩改进型液压马达。

其主要特点如下：

- 采用整体式曲轴和铜连杆的组合，提高马达耐压强度同时，也可以使马达有更高的转速上限，提高产品的整体性能；
- 通过对壳体、柱塞套等关键零件重新开铸造模具，提高马达的密封性和耐压力性；
- 可选择额定负荷更大的轴承，具有更高的承载力；
- 通油组件保留了原有的内部冲洗，带走马达内部杂质，降低马达整体温度，可增强马达使用稳定性(仅针对单向运转工况)；
- 该系列马达安装尺寸和ITMH系列一致。

IHS16 series hydraulic motor is a high speed, pressure resistant, high torque improved hydraulic motor independently developed by our company. Building on years of research and development experience and the ITMH16 motor platform, it is engineered to satisfy the higher pressure rating requirements of plastic machinery applications while ensuring the motor operates within the high efficiency range.

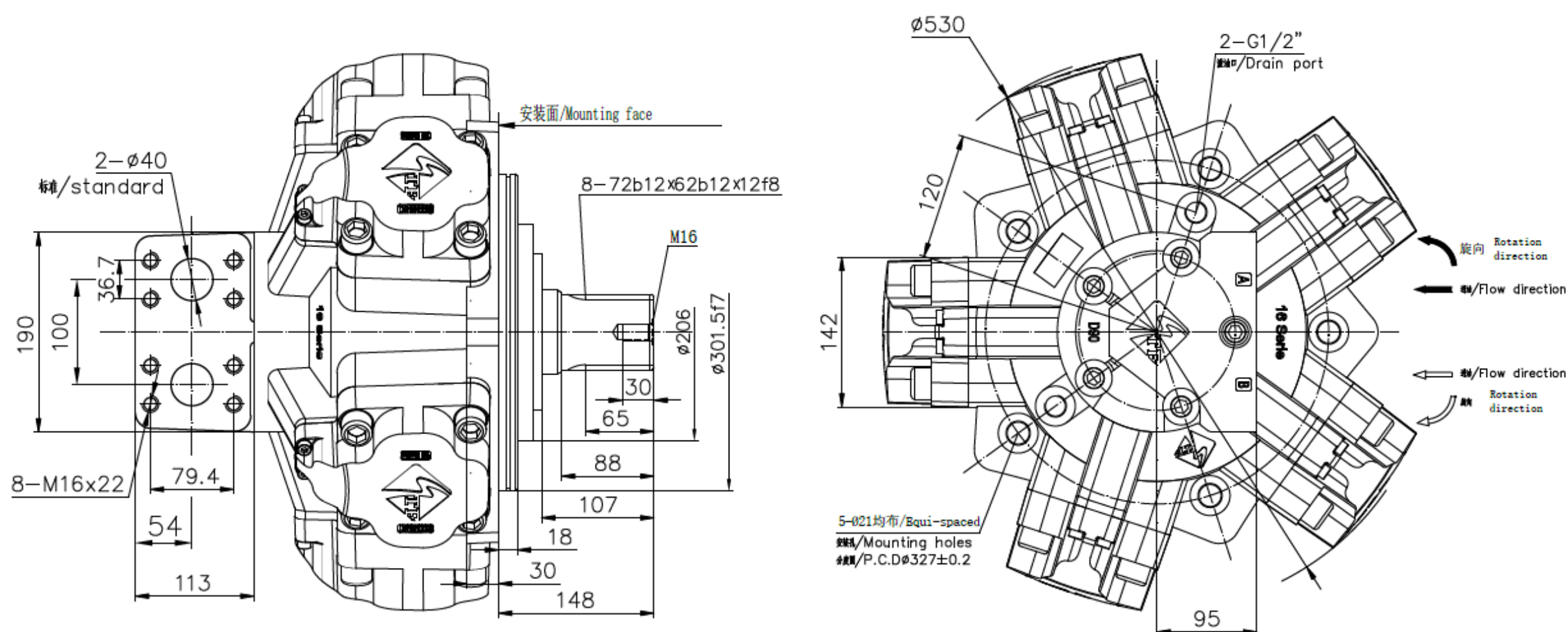
Main characteristics:

- Adopts an integral crankshaft and copper connecting rod assembly, which enhances the motor's pressure resistance, elevates its maximum speed limit, and improves the overall performance of the product.
- New casting molds are developed for key components including the housing and plunger sleeve, which enhances the motor's sealing capability and pressure resistance.
- Optional bearings with higher rated load capacity are available, delivering superior load-bearing performance.
- The oil passage assembly retains the original internal flushing function, which flushes out internal contaminants, reduces the overall temperature of the motor, and enhances operational stability(For unidirectional operation conditions only);
- The mounting dimensions of this series are identical to those of the ITMH series.

技术参数/ Technical Data

马达型号 Type	理论排量 Displkacement mL/r	压力/Pressure		扭矩/Torque		最高转速 Max.Speed r/min	额定功率 Rated Power KW
		额定压力 Rated Pressure	最高压力 Max. Pressure	理论扭矩 Rated Torque	单位扭矩 Unit Torque		
		Mpa	Mpa	N.m	N.m/Mpa		
IHS16-1400	1413	21	23	4389	209	300	88
IHS16-1600	1648	21	23	5124	244	300	88
IHS16-1800	1814	21	23	5628	268	220	88
IHS16-2000	2034	21	23	6321	301	230	88
IHS16-2200	2267	21	23	7035	335	230	88

外形图/Outline Drawing



STF

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