

MOORING EQUIPMENT ACCESSORIES

STFC Series Hydraulic Motor

STFC Series Hydraulic Motor • Since the plunger, connecting rod, and eccentric sleeve are designed to be statically balanced, the friction between the connecting rod and the eccentric sleeve and the latera...

ISO9001 Supplier

Class Certificate

Export Supply



Key Highlights

Category	Mooring Equipment Accessories
Standard	EN
Material	•The sealing ring adopts special materials and structure to reduce leaka...
Weight / Size	•The appearance and installation dimensions of this series of motors are...
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS
We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.	

Technical Specifications

Category	Mooring Equipment Accessories	Model / SKU	STFC-Series-Hydraulic-Motor
Standard	EN	Material	•The sealing ring adopts special materials and structure to reduce leakage and improve volumetric efficiency;
Weight / Size	•The appearance and installation dimensions of this series of motors are basically the same as those of the original Staffa, and the performance parameters are similar to those of the original Staffa.	Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS
Warranty	12 Months unless specified otherwise	Origin	China

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STFC Series Hydraulic Motor

- Since the plunger, connecting rod, and eccentric sleeve are designed to be statically balanced, the friction between the connecting rod and the eccentric sleeve and the lateral force of the plunger body are reduced, and the contact pressure of the ball joint pair is reduced, which reduces the transmission Friction loss in the process. Therefore, the STFC series hydraulic motor has the characteristics of high mechanical efficiency and high starting torque (mechanical efficiency above 0.90 when starting);
- The shaft distributor with static pressure balance technology prevents the distributor from tilting, has good sealing performance, less leakage, and can work continuously under high pressure (maximum pressure up to 29MPa);
- The sealing ring adopts special materials and structure to reduce leakage and improve volumetric efficiency;
- The main transmission parts of the motor adopt special materials and advanced heat treatment technology to improve the overall service life;
- The appearance and installation dimensions of this series of motors are basically the same as those of the original Staffa, and the performance parameters are similar to those of the original Staffa. It is an ideal choice to replace imported Staffa motors.

STFC Series Hydraulic Motor Parameters

Theoretical Displacement	Rated Pressure	Max Pressure	Rated Torque	Max RPM	Max Power
988-6807 ml/r	23MPa	29MPa	3324-22404 N.m	100-300 r/min	90-175 Kw

For more information, please email us.