



FELICIA

创新 / 合作 / 共赢

Hydraulic Starters

液压马达



FELICIA

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FELICIA液压马达

FELICIA Hydraulic Starters

液压启动作为一种发动机应急启动方式，其所采用的液压启动马达及液压站不仅结构紧凑，还独立于发动机主体机械部件，性能极为可靠。

As a method of emergency engine starting, the hydraulic starter motor and hydraulic power unit used in hydraulic starting are not only compact in design but also independent of the engine' s main mechanical components, making them extremely reliable.



更大启动扭矩 Higher starting torque

低速高扭，全扭矩无衰减，重载 / 冷态启动更强劲
Low-speed, high-torque performance with no torque drop; delivers more powerful performance during heavy-load and cold-start conditions



无需电池 No batteries required

纯液压驱动，无蓄电池、无充电依赖，杜绝低温亏电、更换成本高问题
Fully hydraulically powered, with no batteries or need for charging, eliminating issues such as power loss in cold weather and high replacement costs.



快速可靠启动 Fast and reliable startup

毫秒级响应，一次启动成功率近 100%，无延时、卡顿
Millisecond-level response times, nearly 100% first-time startup success rate, with no lag or stuttering



更长使用寿命 Longer service life

无碳刷、无换向器，寿命为电启动的 3-5 倍
Brushless and commutator-free, with a service life 3-5 times longer than that of an electric starter



维护需求少 Low maintenance requirements

磨损件极少，自润滑设计，不需专用工具维护，维护成本趋近于零
Very few wear parts, self-lubricating design, no special tools required for maintenance, and maintenance costs are virtually zero



环境适应性强 Highly adaptable to different environments

** -40°C ~ +85°C ** 稳定工作，耐高温、严寒、潮湿、多尘、盐雾
** -40°C to +85°C **: Stable operation; resistant to high temperatures, extreme cold, humidity, dust, and salt fog

FELICIA H 系列柱塞液压马达 FELICIA H Series Piston Hydraulic Motors

	HA	HB	HC	HO	HD	HE
Engine displacement						
马达排量	8.2cc/r	22cc/r	28cc/r	33 cc/r	57cc/r	96cc/r
Output torque						
输出扭矩	20N·M	61N·M	84N·M	98N.m	163N·M	271N·M
Maximum speed						
最大转速	7000rpm	7000rpm	4500rpm	4500rpm	4500rpm	3000rpm
Engine displacement						
发动机排量	2-9L	3-18 L	8-30 L	8-30 L	15-41 L	30-250 L
Motor weight						
马达重量	4.95 KG	7.6 KG	7.7 KG	18KG	18KG	20KG
Motor length						
马达长度	296MM	327MM	327MM	441MM	441MM	455MM



HA



HB



HC



HO



HD



HE



AHS63



AHS90

FELICIA AHS 系列齿轮驱动液压马达 FELICIA AHS Series Gear-Driven Hydraulic starters

	AHS30	AHS40	AHS60	AHS63	AHS90
Engine displacement					
马达排量	32cc/r	40cc/r	63cc/r	63 cm3/r	90cc/r
Output torque					
输出扭矩	70N·M	114.6N·M	176N·M	217.5N·M	252N·M
Maximum speed					
最大转速	3000rpm				
Engine displacement					
发动机排量	5-18 L	8-41 L	14-41 L	14-70 L	30-250 L
Motor weight					
马达重量	9.64KG	10.5KG	21.96KG	25KG	22.42KG/28KG
Motor length					
马达长度	307mm	406mm	501mm	525mm	456mm/544mm