



创新 / 合作 / 共赢

Air starter Brochure

FGS 系列 气启动马达手册



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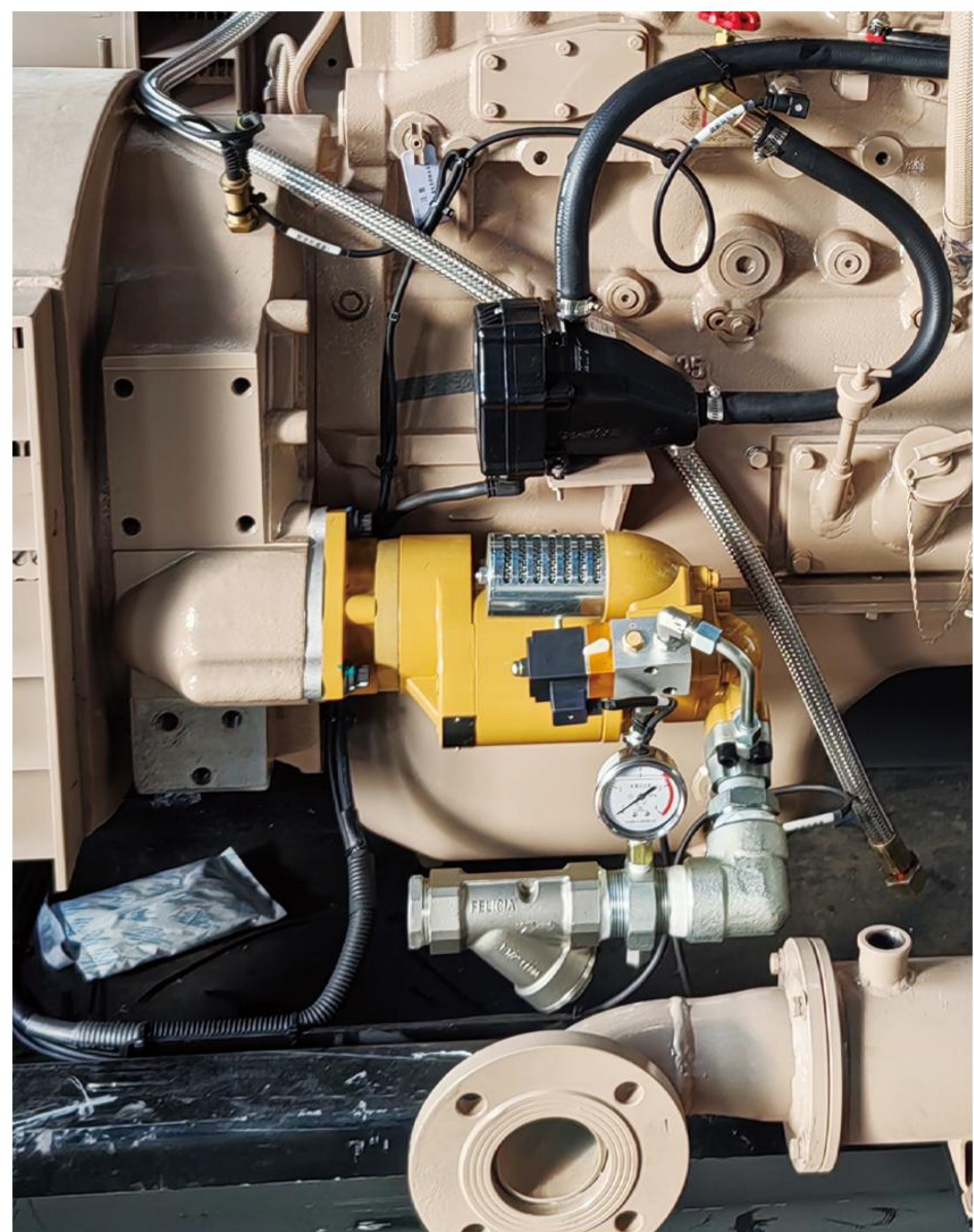
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YuFan Machinery Technology(Shanghai) Co., LTD.

FELICIA FGS系列气启动马达

FGS 系列空气启动马达具有快速的响应时间，能够确保发动机几乎立即达到点火转速，从而极大地提高了启动操作的效率。



安全基石

纯气动结构设计，无电机、无电池、无电火花产生，具备本安防爆特性，广泛适用于煤矿、化工、油气、粉尘等高易燃易爆工况，运行安全合规。



启动强劲

起步扭矩大、动力输出强劲，应对低温环境、高背压重型柴油机，启动稳定不卡顿，瞬间完成启动作



工况全能

优异的耐低温、耐高温、防潮、防尘、防盐雾性能，无惧高海拔、野外、井下、海洋等恶劣



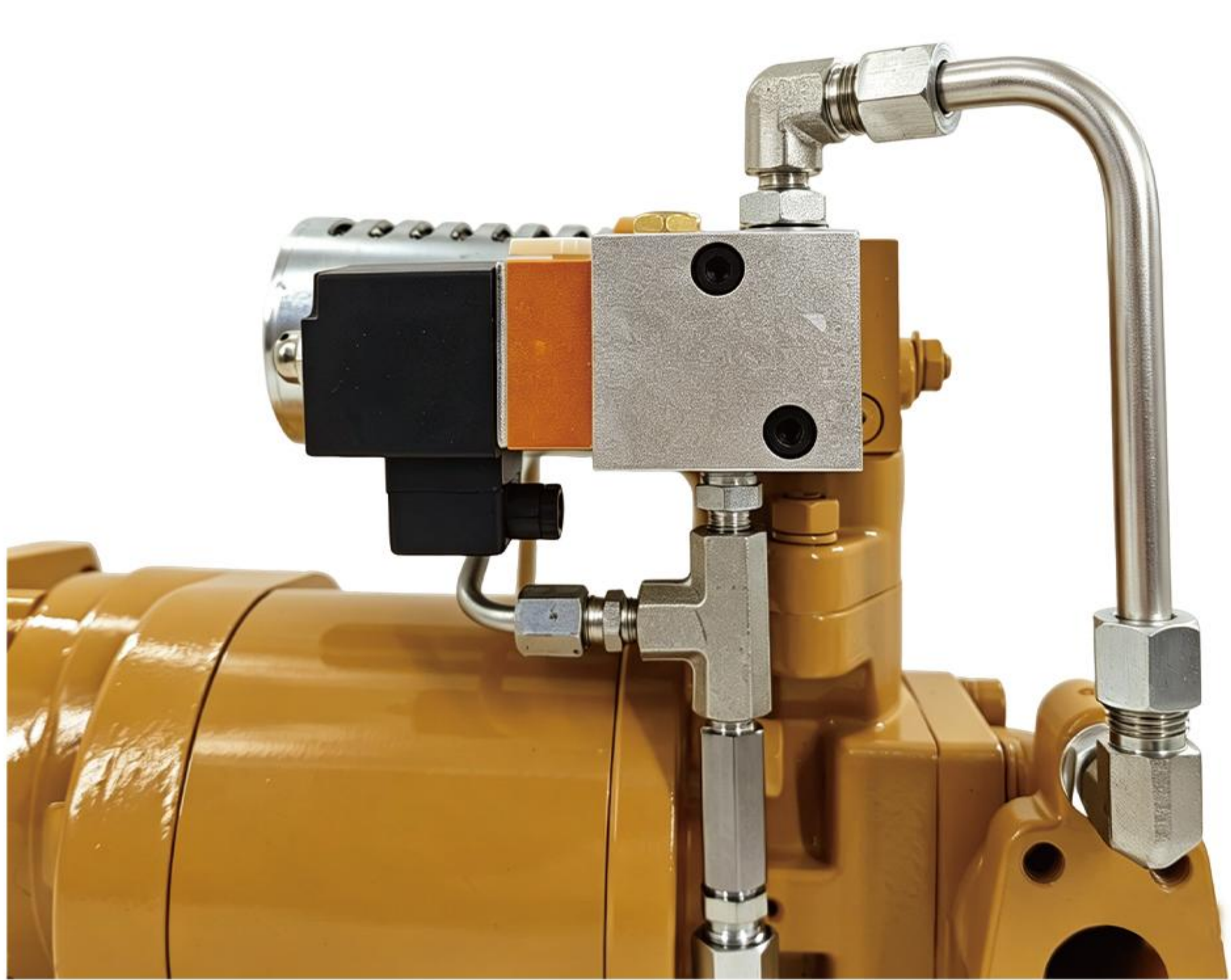
耐用经济

精密模块化结构，内部磨损小、易损件少，运行故障率低，整机耐用性强，大幅延长设备使用周



兼容通用

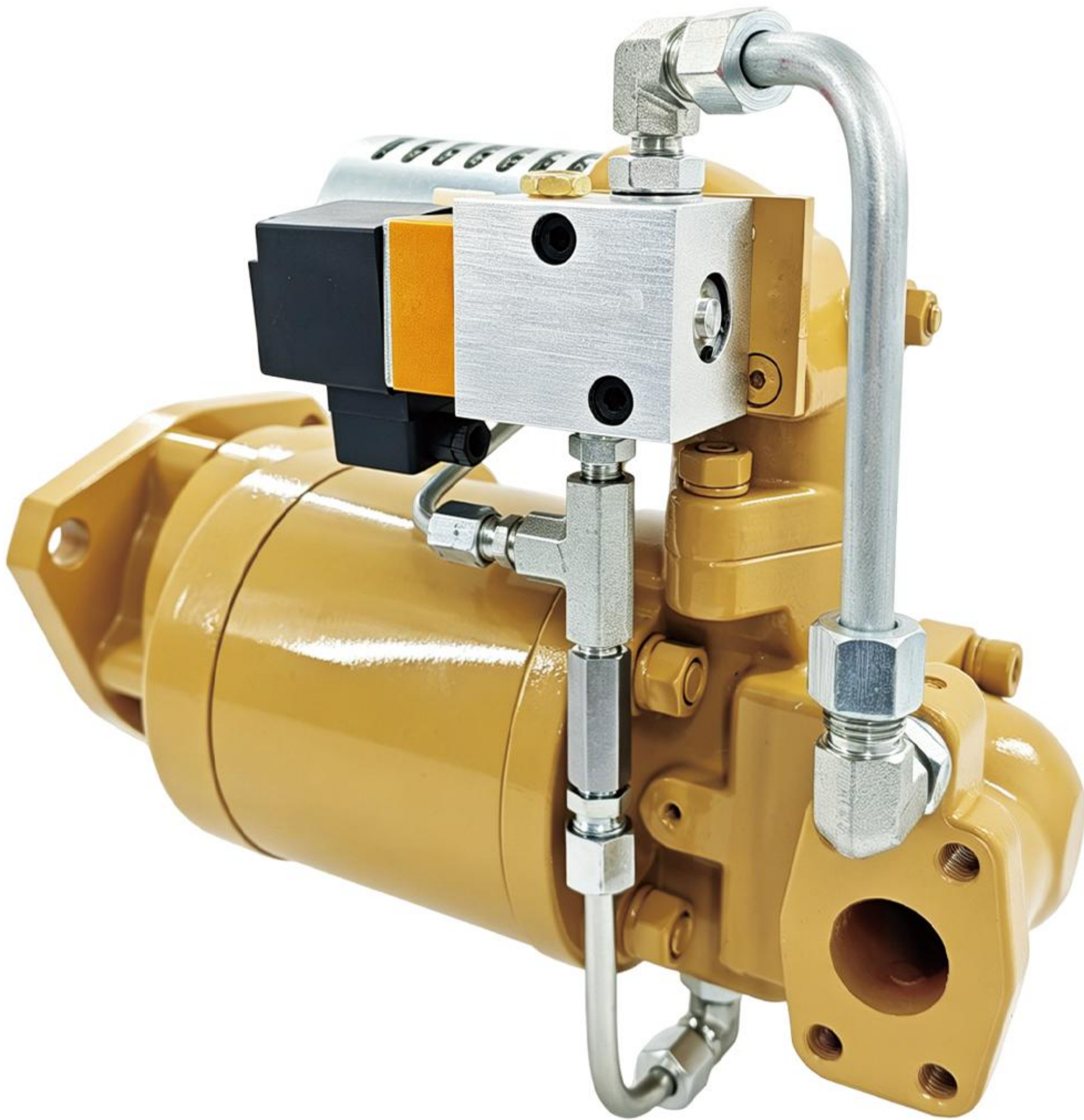
规格型号齐全，适配多规格柴油发动机，安装尺寸兼容性强，可直接替换传统电启动及同类气动启动产品，改装升级简单高效。



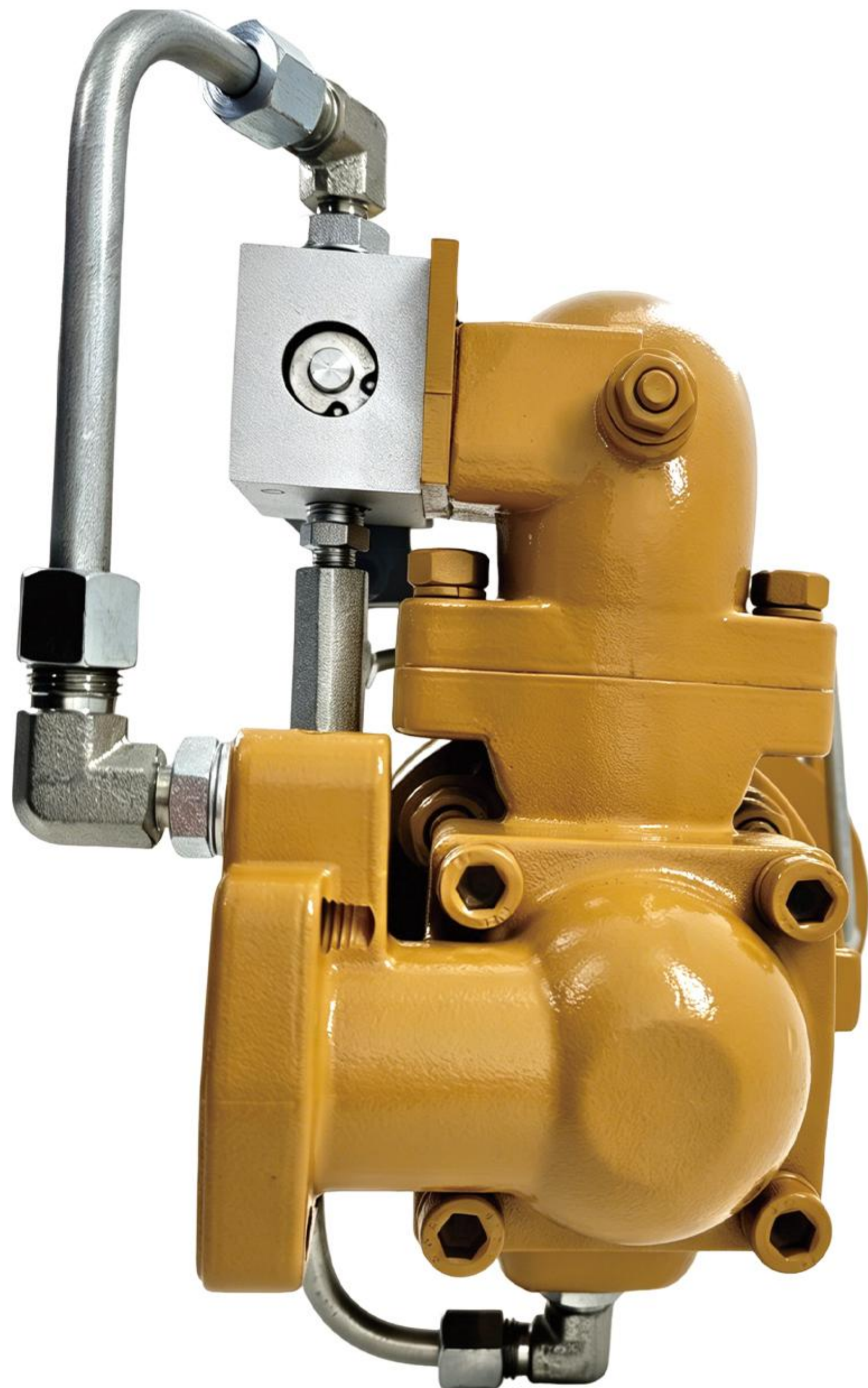
FGS40



FGS40



FGS40



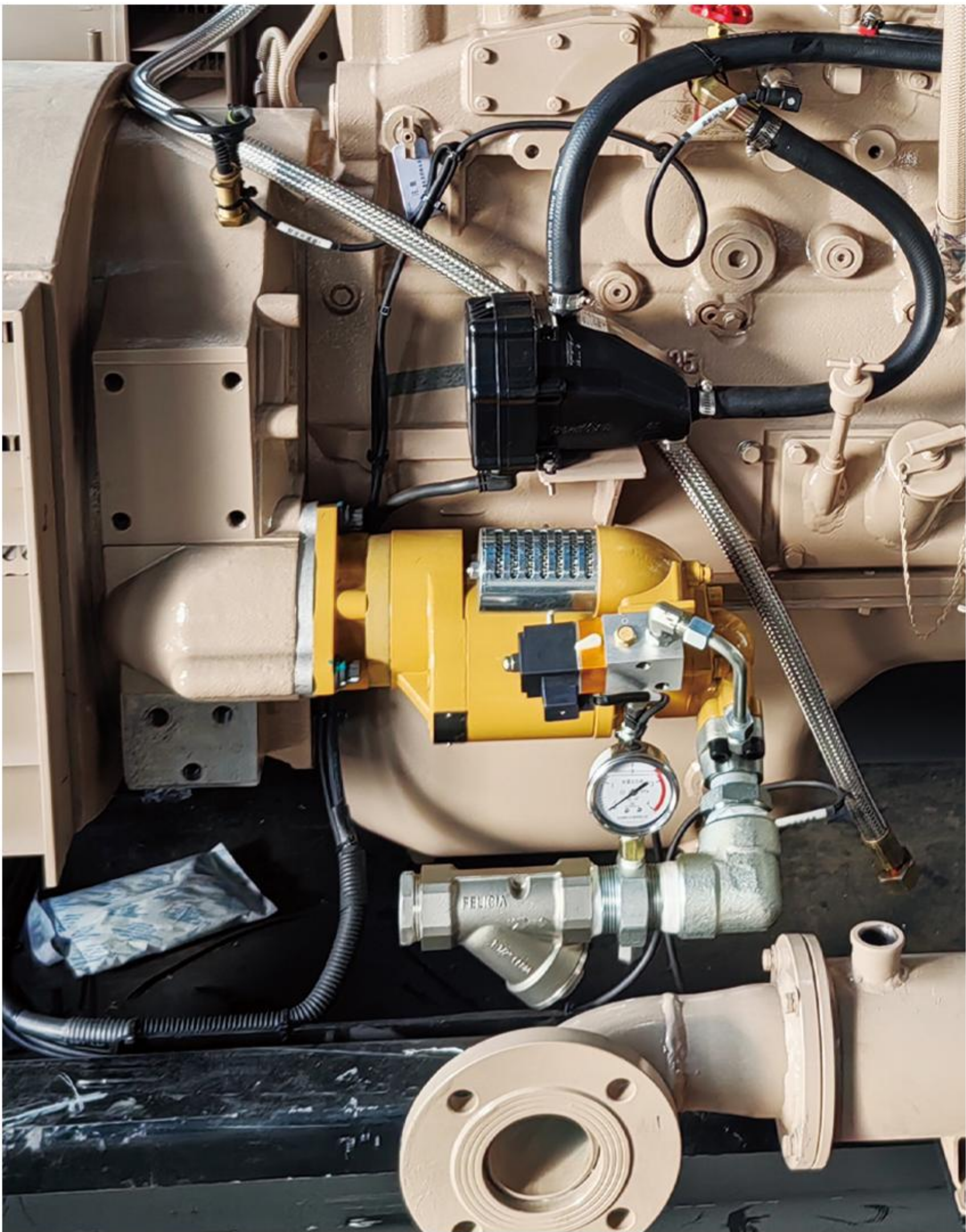
FGS40



型号	适用发动机排量	重量	功率	扭矩	耗气量	转速	噪音度
FGS17	0-14 L	7.6 KG	16.5 KW	88 N·M	125-350 L/S	4000 RPM	100 Dba
FGS30	10-60 L	16 KG	30 KW	188 N·M	300-600 L/S	4000 RPM	100 Dba
FGS40	10-80 L	17 KG	40 KW	249 N·M	400-800 L/S	3500 RPM	100 Dba
FGS66	30-250 L	34 KG	66 KW	540 N·M	250-1750 L/S	3500 RPM	108 Dba

FELICIA FGS Series Air Starter

The FGS series air-start motors feature fast response times, ensuring that the engine reaches ignition speed almost instantly, thereby significantly improving the efficiency of the starting process.



Intrinsic Safety & Explosion-proof

Adopting a fully pneumatic structure with no electric motor, battery or electric sparks. It features inherent explosion-proof performance, perfectly suitable for flammable, explosive, dusty and high-risk working conditions such as mining, chemical and oil & gas industries.



Powerful Torque & Fast Start

With high starting torque and powerful power delivery, it ensures stable, smooth starting even in low-temperature environments and with heavy-duty diesel engines operating under high back pressure, completing the start-up process instantly.



All-weather Performance & Wide Applicability

Excellent resistance to low temperature, high temperature, moisture, dust and salt corrosion. It operates steadily around the clock, adapting to harsh scenarios including high altitude, field operation, underground mines and marine environments.



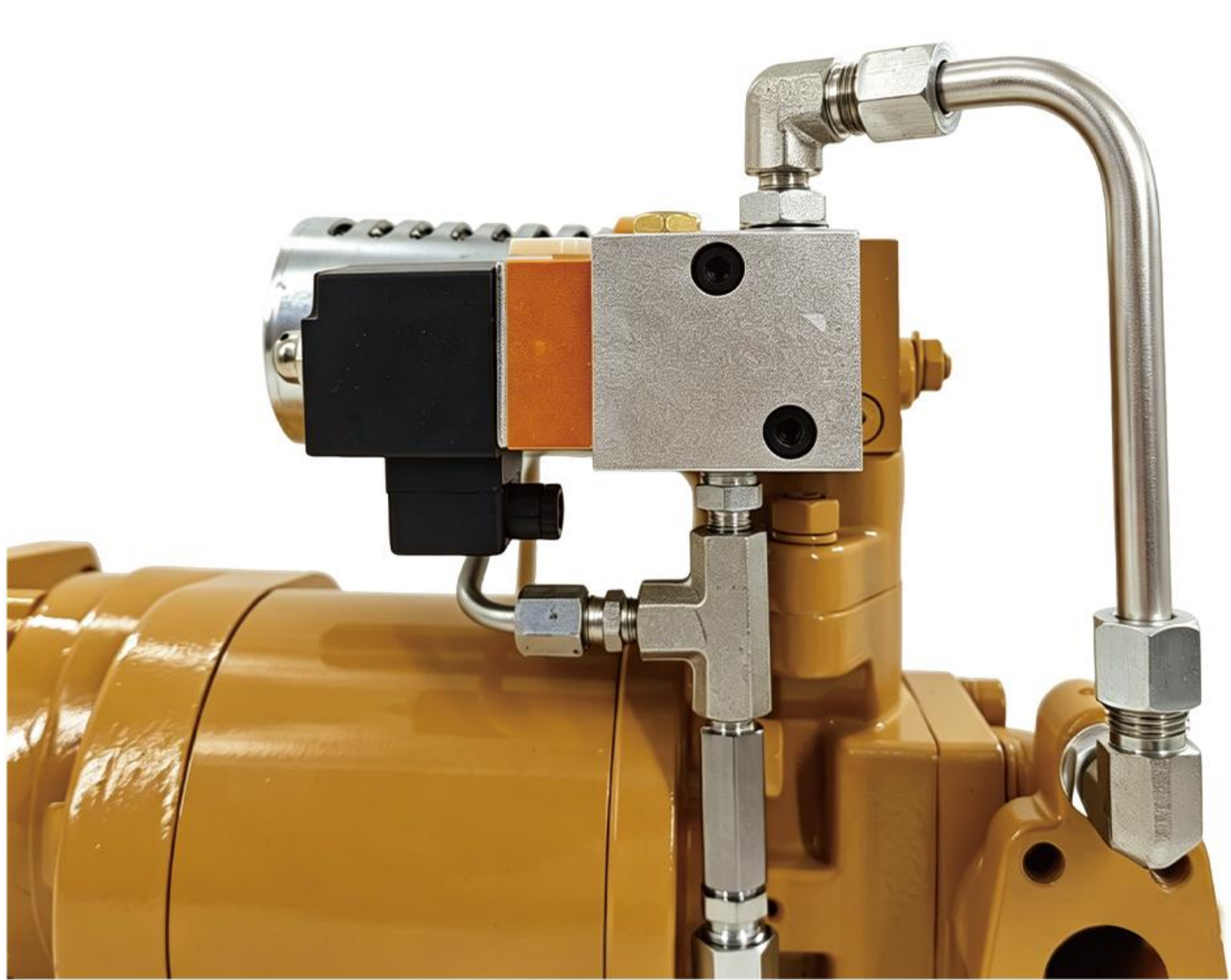
Reliable Operation & Long Service Life

Precision modular construction reduces internal friction and wearing parts. With low failure rate and high durability, it greatly extends the service life of the complete equipment.



Universal fit, simple installation

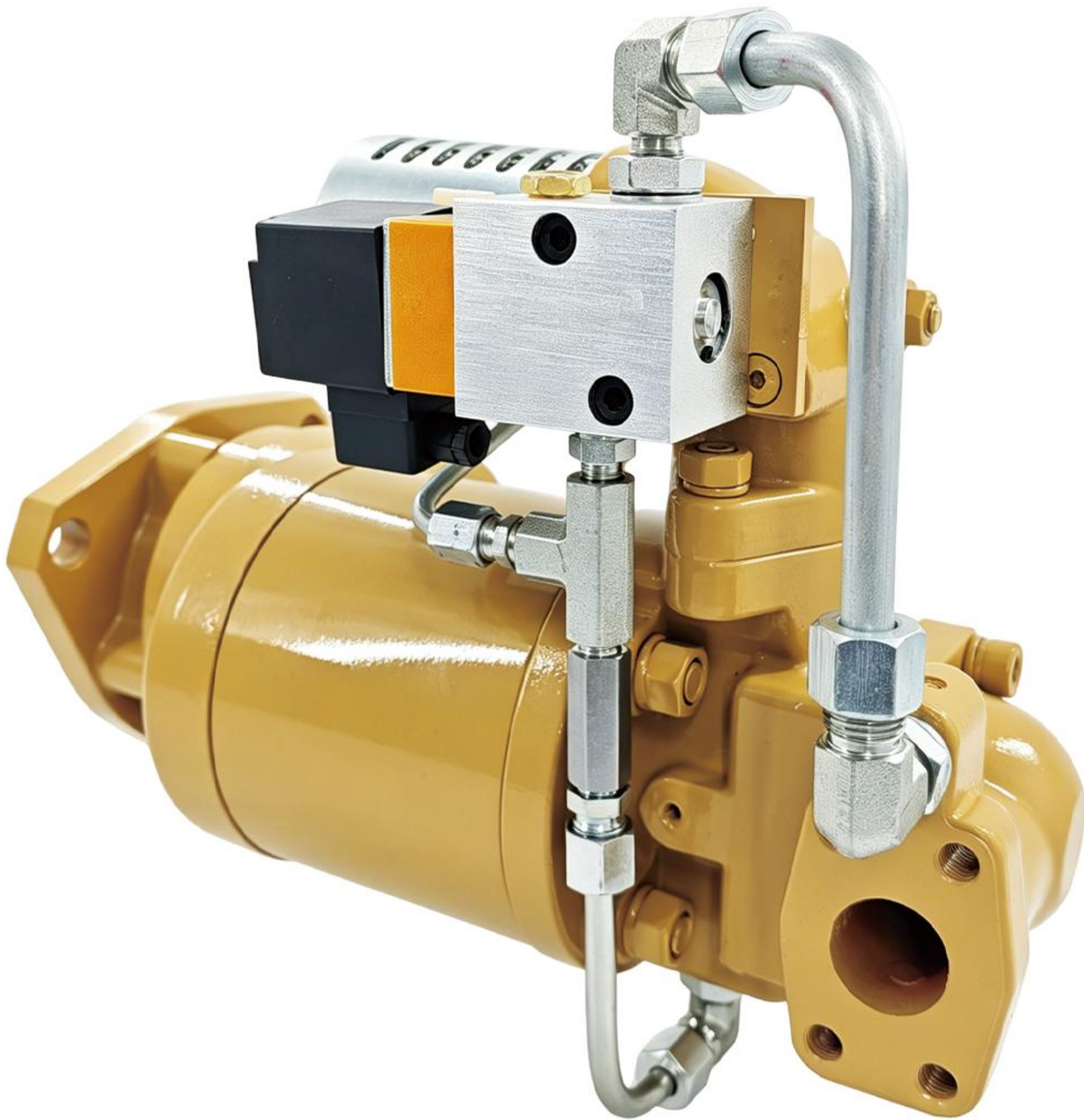
Complete specifications fit various diesel engines. With highly universal mounting dimensions, it can directly replace traditional electric starters and similar pneumatic starters for quick and convenient upgrade.



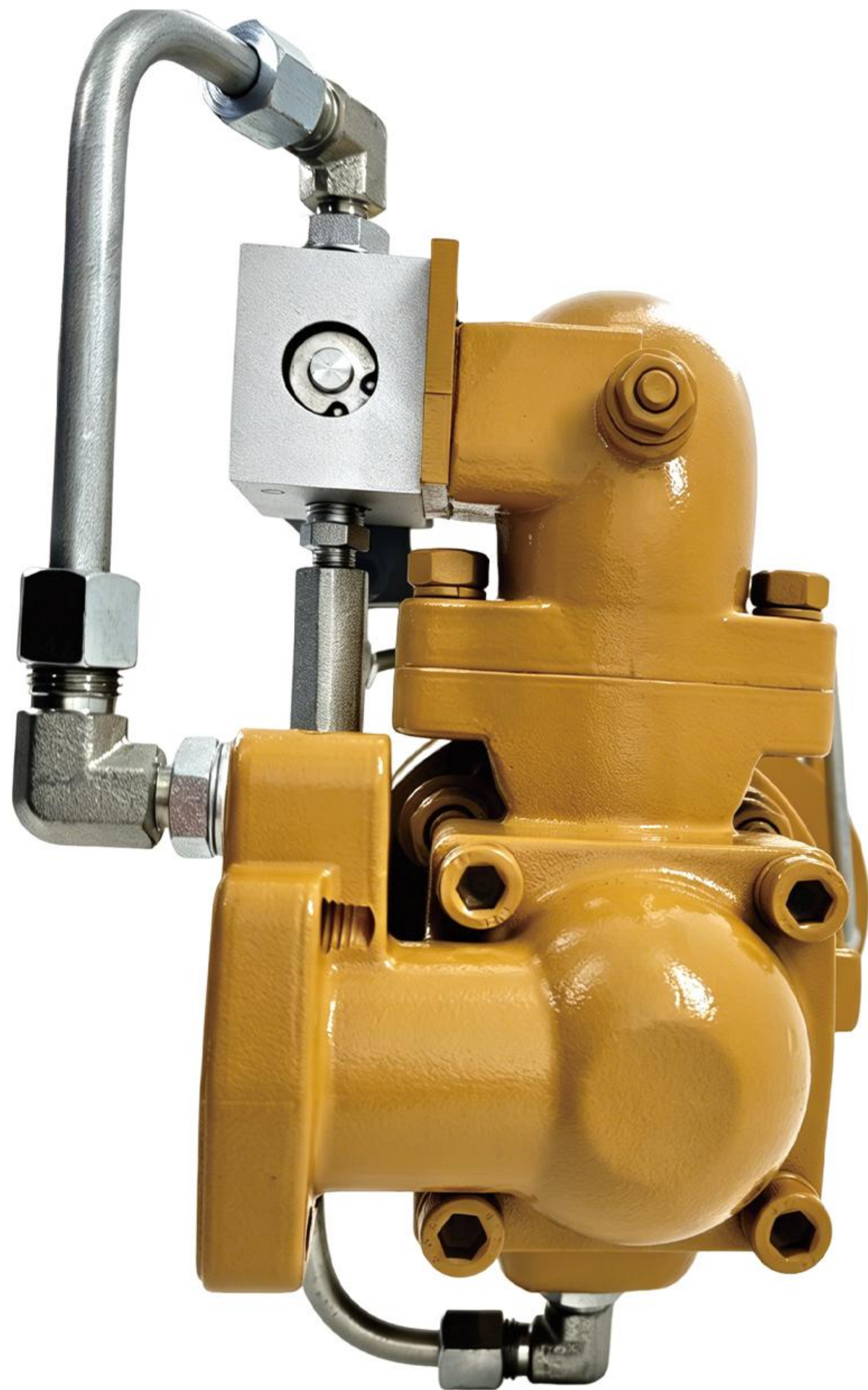
FGS40



FGS40



FGS40



FGS40



Model	Engine Displacement	Weight	Power	Torque	Air consumption	Rotational speed	Noise level
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