

3B 系列

SERIES

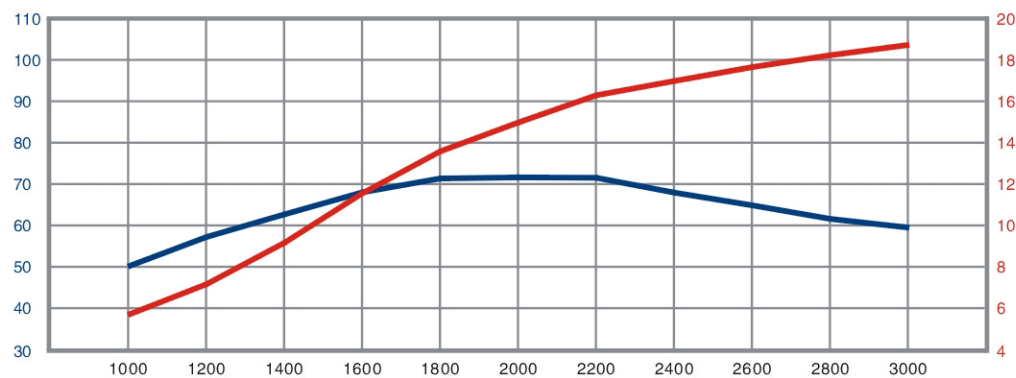
适配主机 APPLICATION

插秧机、植保机、1.8T挖掘机、0.6T装载机
Transplanter, plant protection machine, 1.8T excavator, 0.6T loader

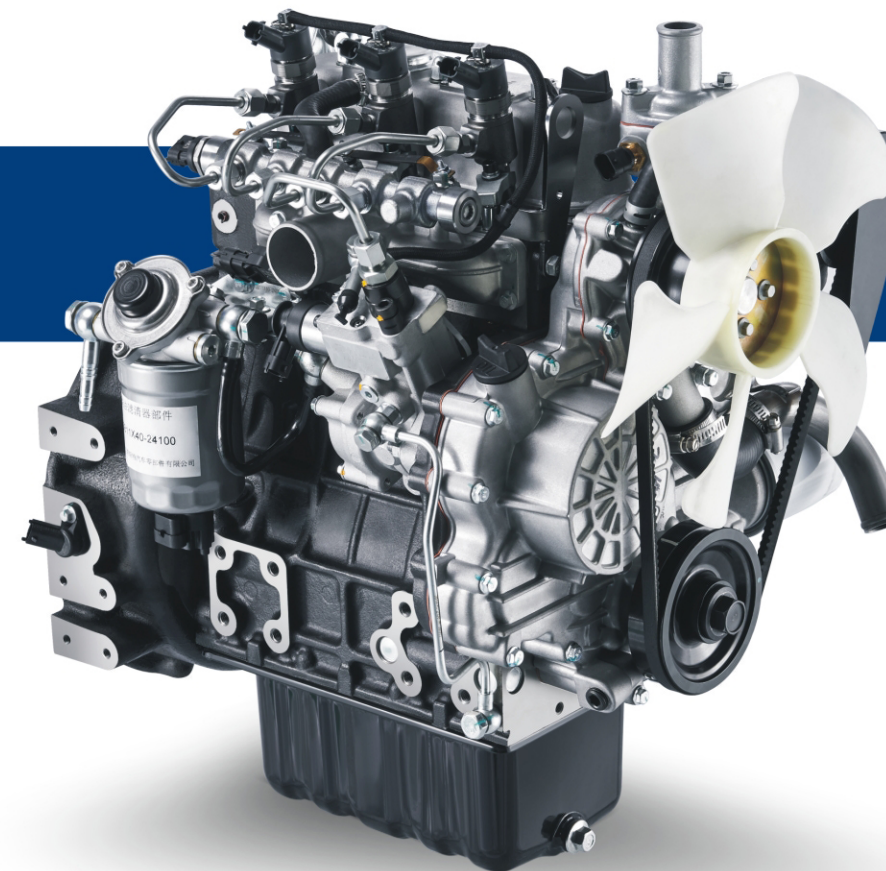
技术特点 TECHNICAL FEATURES

- ★ 排量1.1升，功率覆盖10–27kW的三缸共轨柴油机，同一平台可有多款机型选择；
 - ★ 选用博世非道路专用共轨系统，性能、排放、可靠性优秀，机器经久耐用；
 - ★ 非道路专用标定，具有良好的燃油经济性和NVH性能，油耗比同类机型省15%；
 - ★ 标准化的飞轮及飞轮壳设计，适配性强；
 - ★ 可充分满足植保机、微挖、插秧机、农夫车、发电机组等整机的动力需求。
 - ★ 支持智能终端通过多种协议，采集发动机数据、故障信息，拓展远程锁车、OTA等业务，从而实现远程监控、诊断、管理功能。
- ★ The three-cylinder common rail diesel engine with displacement of 1.1L and power ranging from 10kW to 27kW. There are many models can be selected from on the same platform;
- ★ Select Bosch non-road dedicated common rail system, excellent performance, low emission, good reliability and durability;
- ★ Non-road special calibration, with good fuel economy and NVH performance, fuel consumption is 15% less than similar models;
- ★ Standardized flywheel and flywheel house design, strong adaptability;
- ★ It can fully meet the power needs of plant protection machine, mini-excavator, rice transplanter, farmer truck, generator set and other complete machines;
- ★ Intelligent terminals are supported to collect engine data and fault information through a variety of protocols, expand remote car locking, OTA and other services, so as to achieve remote monitoring, diagnosis and management functions.

性能曲线 CHARACTERISTIC PERFORMANCE CURVE



3B11X41
— 扭矩
Torque (N·m)
— 功率
Power (kW)



技术参数 TECHNICAL PARAMETERS

项目 ITEM	3B11X41	3B11X51	3B11Y41
技术路线 Technical route	NA+CR+DOC	NA+CR	TC+CR+DOC
燃油系统 Fuel injection system	博世高压共轨 Bosch common rail		
排放 Emission	国四 Stage IV	欧V EU Stage V	国四 Stage IV
额定净功率/转速 Rated net power/ RPM (kW/r/min)	18.5/3000		27/3000
最大净扭矩/转速 Maximum net torque/RPM (N·m/r/min)	74/2000		92/2000
最佳燃油消耗率 Optimal fuel consumption (g/kW.h)	230		220
气缸数 Cylinders	3		
排量 Displacement (L)	1.12		
净重量 Net weight (kg)	110		114
外形尺寸 Overall dimensions (mm)	530 × 390 × 590		530 × 400 × 610

注：NA：自然吸气；TC：增压；TCI：增压中冷；CR：高压共轨；VP：电控分配泵。
Note: NA: Naturally aspirated; TC: Turbocharged; TCI: Turbocharged and intercooled; CR: Common rail; VP: Electronic controlled distribution pump.

鉴于产品性能持续升级，具体技术参数请以实物为准。
In view of the continuous upgrading of product performance, the specific technical parameters please in kind prevail.