

DV210 工程机械动力 (42-60kW)

Power for DV210 construction machinery (42-60kW)

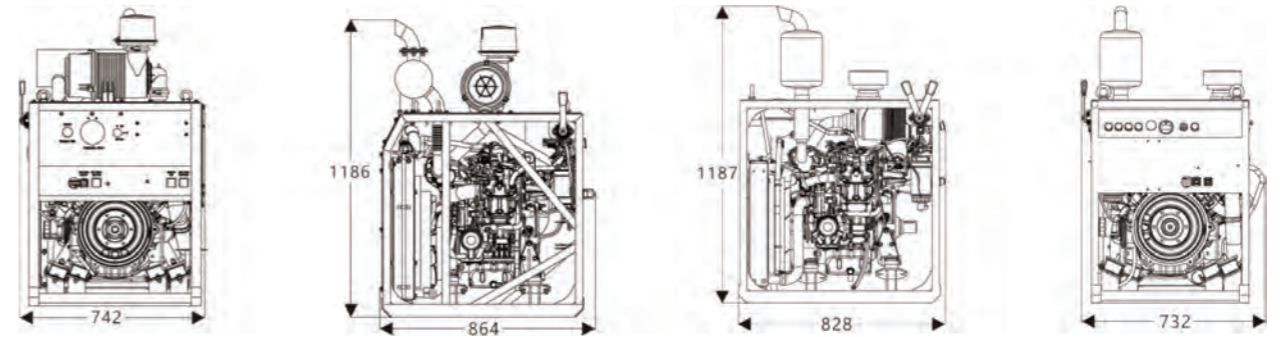
主要产品特征 MAIN PRODUCT FEATURES

- V型2缸/4冲程/液冷/柴油发动机;
V2, 4-stroke, Liquid-cooled, Diesel engine;
- 电控高压共轨系统;
Electronic control high pressure common rail system;
- 低惯量涡轮增压器技术、高速扭矩大;
Low inertia turbocharger technology, High speed with high torque
- 满足非道路国三、国四阶段排放法规;
Meet the regulations on Non-road diesd mobile machinery (CHINA III, IV)
- 高可靠性、低油耗、低振动等特点;
With the characteristics of high reliability, Low fuel consumption, Low vibration;



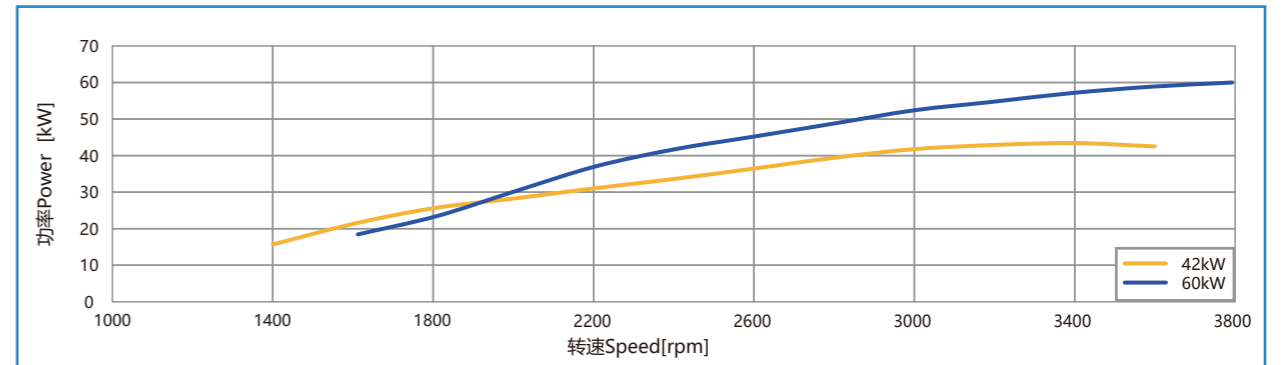
产品型号 Product models	麋鹿 Elk DV210		麋鹿 Elk DV210F
型式 Configuration	V型2缸、液冷、4冲程、电控、增压中冷、高压共轨 V2, Liquid-cooled, 4-stroke, EFI, TCI, High pressure Common rail		
气缸套型式 Cylinder liner type	一体式 All-in-one		
缸径*行程(mm) Bore*stroke	86×86		
排量(L) Displacement	0.999		
额定功率/转速(kw/rpm) Rated power/Speed	42 / 3600	42大扭矩 / 3600 (large-torque version)	60大扭矩 / 3800 (large-torque version)
最大扭矩点燃油消耗率(g/kw·h) BSFC at maximum torque	≤235		≤230
最大扭矩/转速(N·m/rpm) Maximum torque/Speed	130 / (1800-3000)	195 / (1800-3000)	325 / (2400-3000)
油泵对应排量(ml/rpm) Hydraulic pump correspond displacement	≤30	≤45	≤80
油泵最高压力(Mpa) Hydraulic pump maximum pressure	20		
推荐常用转速(rpm) Recommended common speed	1800-2400	1800-2400	2000-3000
输出轴旋向(面向输出轴) Output shaft rotation direction	逆时针 Counterclockwise	顺时针 Clockwise	
整机质量(kg) Weight	176.5±2.5 (不带减速箱) (Without gearbox)	186±2.5 (带减速箱) (With gearbox)	197±2.5 (带减速箱) (With gearbox)
外形尺寸L×W×H(mm) Overall dimension	732x828x1187		742x864x1186
主要用途 Applications	工程动力单元、取芯钻机、便携式钻机、排涝机器人、消防机器人 Engineering power module, Coring drill, portable drilling machine, drainage robot, fire robot		

外形尺寸图 OUTLINE DRAWING

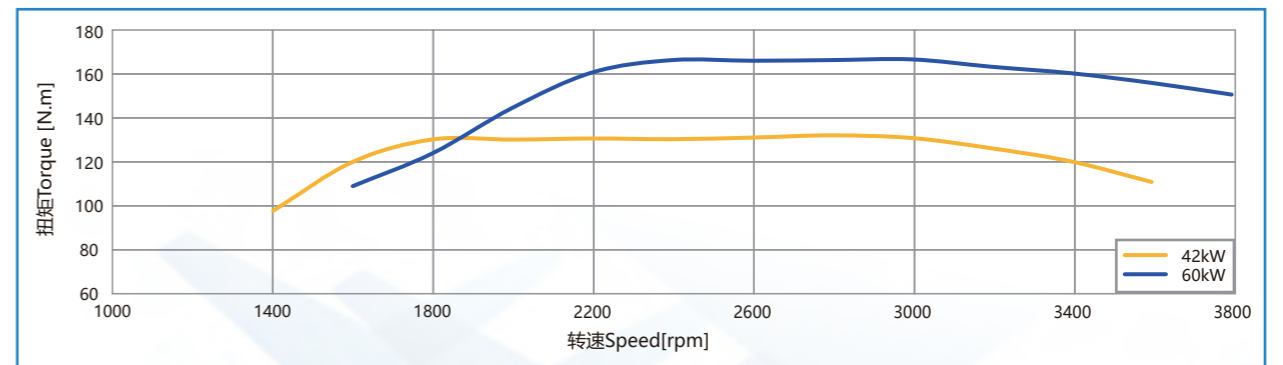


特性曲线 CHARACTERISTIC CURVE

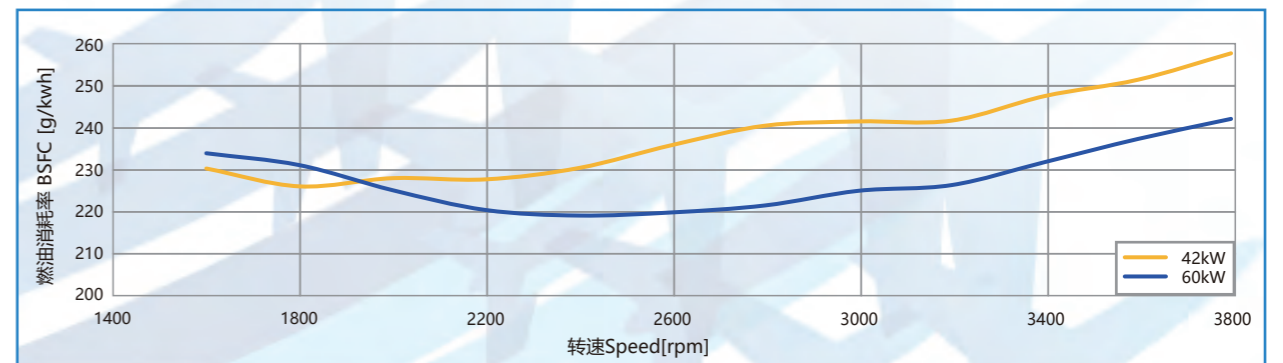
功率曲线 Power curve



扭矩曲线 Torque curve



油耗曲线 BSFC



以上性能参数均按照 ISA 各海拔标准环境测量。(地面环境温度: 25±2°C, 中冷后温度: 50±2°C)