

Electrical Drive Unit

Technical specifications

POWER PERFORMANCE

DYNAMIC FORCE	Up to 14.4 kN push Up to 1.7 kN pull
MAXIMUM LOAD	23 kN limited by pressure relief valve
SPEED	Continuous variable up to 90 mm/s
HOLD FUNCTION	Hydraulic hold valve 0.12 mm/min

PUMP

MOTOR	Brushless DC with sensors
POWER SUPPLY	18 to 37 Vdc Max. 50 A
PUMP TYPE	Gearpump
MOTOR CONTROL	Soft start / stop by electronic motor control

MANUAL OVERRIDE

ACTIVATION	Remote by bowden cable
SPEED	Constant, controlled by flow control valve

ENVIRONMENT

IP CLASS	IP56, IP69
TEMPERATURE RANGE	-25 to +70 °C Operating -40 to +70 °C Storage
EMC	To be validated in end application
VIBRATION	IEC 60068-2-34 Fd
SHOCK	IEC 60068-2-27 Ea
TEMPERATURE CHANGE	IEC 60068-2-14
SOUND PERFORMANCE	< 65 dB(A) @ 1 m distance
OPERATING LIFE TIME	65k cycles
SERVICE	Maintenance free

ENCLOSURE

MECHANICAL INSTALLATION	Threaded / Bolt connection customer specific connection on request
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SIZE & WEIGHT

CYLINDER	Piston diameter 32 mm Plunger diameter 22 mm
STROKE	up to 500 mm
DIMENSIONS	125 x 80 x 250 (typical, customer specific)
WEIGHT	< 6 kg



POWER-PACKER®
PROGRESS IN MOTION