

Data Sheet

Low Voltage Products

ePowerpack ED-EP130

Danfoss ePanda™ ePowerpack is intelligently designed for maximizing efficiency and compactness.

ePanda™ ePowerpack consists of a high-performance, interior permanent magnet motor and a high-power, air-cooled converter with a full-featured digital signal processor. Variants include optional gear pumps with different power settings in software.

These systems are optimal for MEWP and Off-highway applications, providing hydraulic flows that fit demanding criteria.

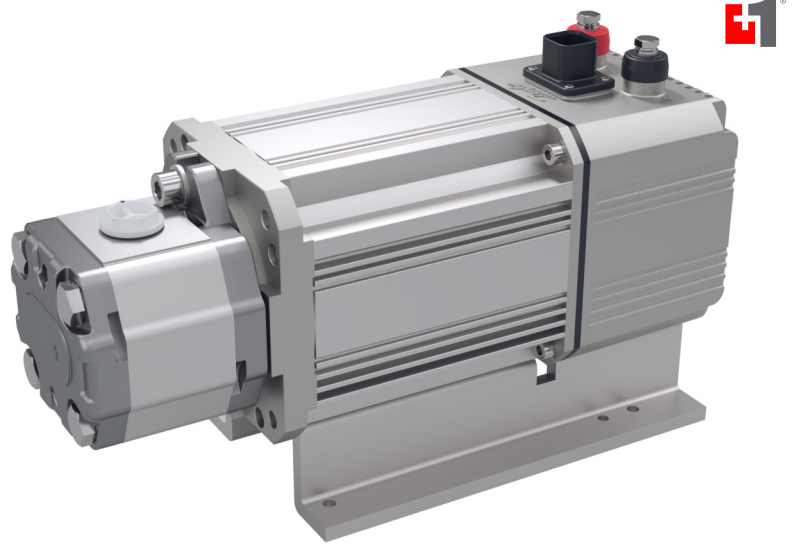
Features

- Competitive in size makes for easy installation
- Integrated structure provides up to 93% efficiency
- IP67 rating
- Embedded with SAE flange for quick coupling
- Motor speed control via CANbus Signal
- Configurable CANbus and Power Map curve
- Package test ensures the whole unit is within higher consistency
- Low energy consumption and environmentally friendly

Applications

- Scissor lift
- Boom lift
- Hydraulic station

Comprehensive technical literature is online at www.danfoss.com

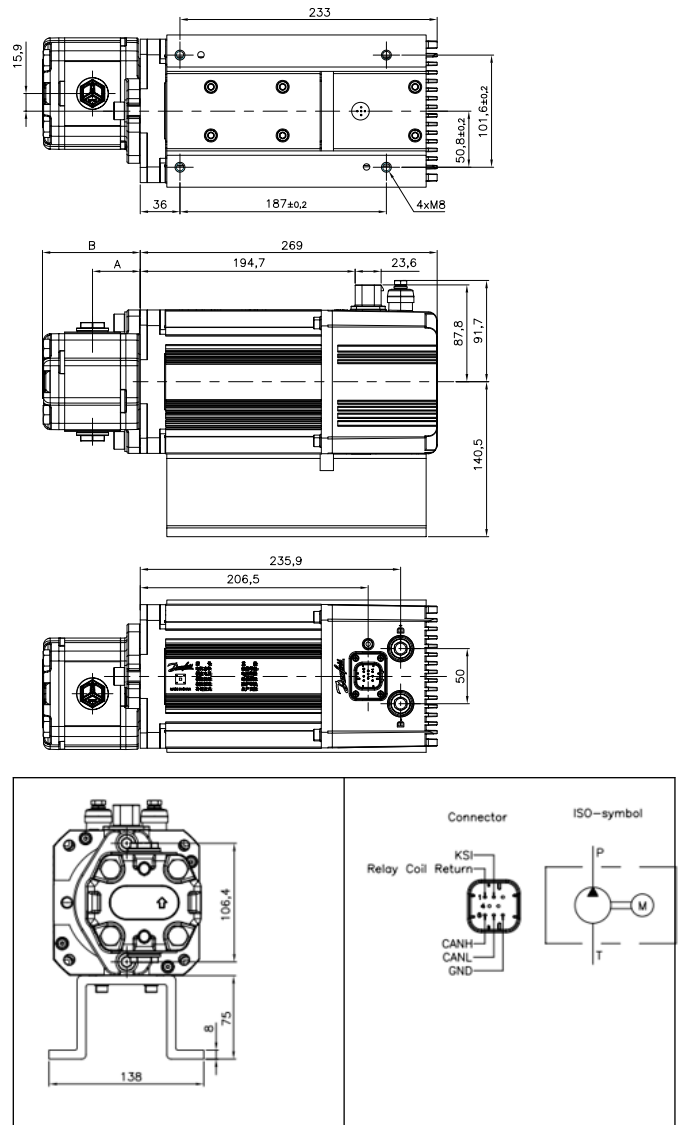


Specifications

Motor Rated Power(S2-60min)	2500W
Motor Rated Power(S3-55%)	3500W
Inverter Power Supply	24VDC
Inverter Power Supply Range	16.8-33VDC
Working Mode	Speed
Cooling system	Air

Description	Symbol	Unit	Value
Duty	-	-	S2-60min
Max Speed	n	rpm	4000
Frequency (N° poles)	f (2p)	Hz	333 (5)
Constant Voltage	Ke	Vrms/Krpm	6.8
Constant Torque	Kt	Nm/Arms	0.116(Max)
Peak Torque S2-5min.	Tp	Nm	22
Peak Current S2-30S	Ip	A	200
Rated Torque S2-60min.	Tr	Nm	5.7
Rated Current S2-60min.	Ir	A	110
Rated Torque S3-55%.	Tr	Nm	9.5
Rated Current S3-55%.	Ir	A	137
Ambient Temperature	θa	°C	-20 ÷ +50
Protection Degree	IP	-	IP67
Insulation Class	-	-	F
Thermal protection	-	-	KTY 84-150

Dimensions



P (ISO 1179-1)	G1/2
T (ISO 1179-1)	G1/2
B+, B-	M6
Connector (C)	AWP 1-776276-1
Max. Pressure	250 bar
Rate Voltage	24 VDC

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