Electric Drive Unit

Linear actuators

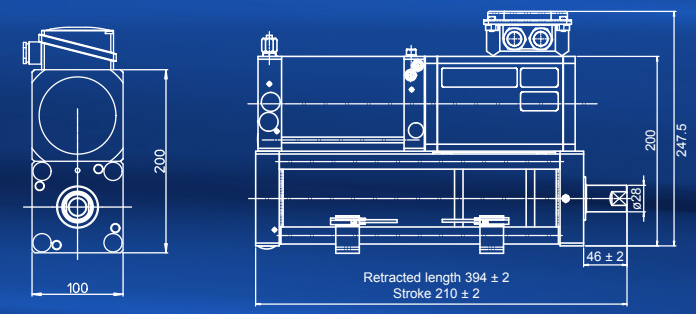
Benefits

- High power density in a compact design
  - powerful drive unit with a range of forces up to 120 kN, suitable for applications where space is limited
- Easy installation
  - plug and play unit, only electric power supply required
- Enhanced safe performance
  - overload protection avoids damages to interface systems, manual override available
- Zero-maintenance design
  - extensive validation processes
- Designed for harsh environments
  - high quality materials and finishing, protection degree up to IP69

POWER-PACKER®

The Electric Drive Unit (EDU) is an electro-hydraulic actuator that delivers high power density in a compact design. Its self-contained design eliminates the need for hydraulic tubes and only requires an electric power connection to operate.

Power-Packer supplies specialized high-quality motion control systems, which include the development and manufacturing of manual-hydraulic and electro-hydraulic actuation for a large number of applications in: Automotive, Truck, Medical, Maritime, Agriculture, Construction and Special Vehicles. Power-Packer's broad knowhow and continuous search for innovation guarantees you PROGRESS IN MOTION!



Example: 75.000 N

AN Actuant COMPANY

SPECIFICATIONS

Range from 2.7 kN up to 120 kN max. push force
Double acting cylinders
Strokes customizable
Rod material (Duplex stainless steel 1.4462/ QPQ/Chrome)
Aluminum cylinder tube
Painted in two layers
Protection degree up to IP 69
High endurance 10,000 cycles tested
ATEX zone II versions available for systems starting at 35kN
Sensors available for systems starting at 14kN

Commercial Vessels

Precision Farming

Yachts

Material Handling

Trucks

Medical

Construction

Industrial Automation

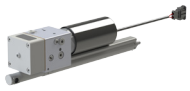
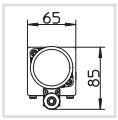
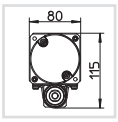
Agriculture

Renewable Energy

Power-Packer: International manufacturing and global sales · High standards of quality
Early design and engineering involvement in product development · Innovation driven · Continuous improvement · Design and engineering expertise

Electric Drive Unit overview

Technical Information (Contact us for custom designs)

		Push force [N]	Pull force [N]	Strokes (mm)	Piston/ rod diameter [mm]	Avg. speed out/ in [mm/sec]	Motor voltage [V]	Max. current [A]
		4580	2540	On request	18/12	59 106	12 or 24DC IP class 40	35 (at 12 V) 18 (at 24 V)
		4580	3170		18/10	59 85		
		8830	6060	200-700	25/14	31 45	12 or 24 DC IP class 69	40 (at 12 V) 20 (at 24 V)
		8830	4250		25/18	31 63		
		14470	9890		32/18	19 27		
		14470	7630		32/22	19 35		
		17000	19000		51/35	11 11		
		2770	6060		25/14	88 45		
		4580	4250		25/18	53 63		
		4580	9890		32/18	53 27		
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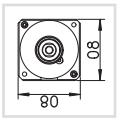
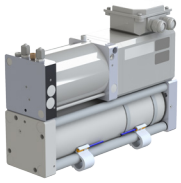
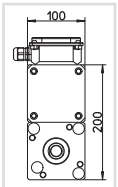
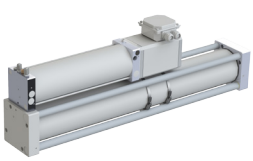
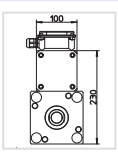
		35000	19000		51/35	6 11		
 **In-line EDU**		14470	9890		B in-line 32/18	7 10	230 AC (3 phase) IP class 67	2
		35000	26000		51/28	19 28	400 or 690 AC (3 phase) 50/ 60 Hz IP class 67	3 (at 400 V) 1.8 (at 690 V) High flow: 5 (at 400 V) 3 (at 690 V)
		35000	26000			36 (high flow) 53		
		75000	62000	110-350	71/28	10 12		
		75000	62000			19 (high flow) 22		
		120000	98000	250-650	91/40	6 7		
		120000	98000			11 (high flow) 14		

POWER-PACKER

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