PLEUGER

MI12

Compact Design. Maximum Power.

The MI12 is the latest innovation in motor technology, designed to provide superior performance in a more compact and efficient design.

Why choose MI12 - 2 Poles

Best-in-Class Solution by Pleuger

The MI12 delivers the power of a large motor in a compact 12” design. With superior cooling, modular flexibility, and unmatched efficiency, it ensures maximum performance, lower operational costs, and long-lasting reliability, making it the ultimate submersible motor solution.

Upgrade to the next generation of submersible motor technology with Pleuger’s MI12.

Performance

- **Power Output:** 165kW up to 450 kW
- **Voltage:** up to 1000V (50Hz - 60Hz) higher voltage on request
- **Compact Size:** 12” motor
- **Thrust Bearing:** up to 120kN

Key Features

- **Compact & High Power**
  Small diameter with powerful output up to 450kW
- **As strong as 14”-16” motors**
  Space-saving and efficient alternative
- **Superior Cooling Design**
  Optimized for extreme operating conditions
- **Optimized Maintenance Design**
  Easier servicing and reduced downtime
- **Highest Durability and Efficiency up to 90%**
  Lower life cycle costs and long service life
- **Multi-Modular Motor**
  Strongest modularization for flexible applications
- **Material**
  Stainless steel / Super Duplex

NSF Certified to NSF/ANSI/CAN 61

ATEX

LRQA CERTIFIED ISO 9001-2015

Made in Germany

Contact Us

+49 40 69 689 770

www.pleugerindustries.com

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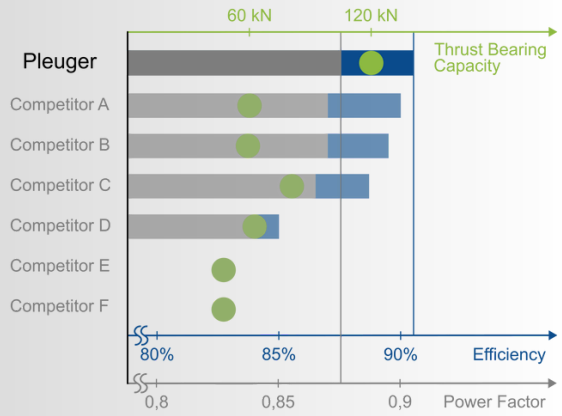
Motor Ranges MI12 50Hz

Motor type	Voltage	Output	Current	Power Factor	Efficiency	Speed
		kW	A			RPM
MI12-60-2	400	165	310	0,860	0,900	2910
MI12-75-2	400	225	410	0,860	0,900	2905
MI12-80-2	400	250	460	0,865	0,900	2900
MI12-90-2	400	285	520	0,870	0,900	2900
MI12-100-2	400	310	570	0,875	0,900	2905
MI12-120-2	400	355	650	0,875	0,905	2910
MI12-130-2	400	400	720	0,875	0,905	2905
MI12-130-2	1000	450	330	0,880	0,900	2895

Motor Ranges MI12 60Hz

Motor type	Voltage	Output	Current	Power Factor	Efficiency	Speed
		kW	A			RPM
MI12-60-2	480	185	290	0,850	0,905	3515
MI12-75-2	480	260	400	0,865	0,905	3510
MI12-80-2	480	290	445	0,865	0,905	3505
MI12-90-2	480	330	500	0,870	0,905	3505
MI12-100-2	480	370	570	0,870	0,905	3505
MI12-120-2	480	430	650	0,875	0,905	3510
MI12-130-2	480	460	690	0,875	0,910	3510

Unmatched in Power Factor, Efficiency, and Bearing Capacity



Visit our website

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