



EILR



EILR - HF

IN - LINE DRY ROTOR CIRCULATING PUMPS EILR & EILR - HF SERIES

EILR and EILR - HF Series in-line dry-rotor circulation pumps that are manufactured in compliance with ErP 2009/125/EC Ecodesign directive optimize comfort and energy efficiency.

- These pumps can be connected directly to the piping with its suction and discharge on the same line (in-line) in cold or hot water circulation loops of domestic and industrial heating, cooling, air-conditioning and plumbing systems.
- Hydrokon installed on pump motor controls frequency in EILR - HF series.

Fluid Property

- Clean, solid abrasive particle-free, non-viscous, non-hard chemically neutral water
- The maximum glycol ratio that can be added to the circulation water is 30%.

Pump Properties

Pump Casing	: GG25 - Cast Iron
Shaft	: AISI 420 - Stainless Steel
Impeller	: GG25 - Cast Iron
Adapter	: GG25 - Cast Iron
Mechanical Seal	: Carbon / Silicium Carbide / EPDM
Support Body	: GG25 - Cast Iron
Elastomers	: EPDM

Technical Specifications

Maximum Flow Rate	: 280 m ³ /h
Maximum Delivery Head	: 103 mwc
Connection	: DN 40 - DN 125
Maximum Operating Pressure	: 16 bar
Maximum Ambient Temperature	: 40 °C
Temperature of Pumped Liquid	: - 10 °C ÷ +130 °C

Electric Motor Specifications

Type	: Asynchronous, Triphase Electric Motor
Electric Supply	: 3*380V, 50Hz
Motor Speed	: 2900 rpm (50 Hz), 1450 rpm (50 Hz)
Power	: 0.25 kW - 45 kW
Motor Efficiency	: IE3
Protection Class	: IP55
Insulation Class	: Class F



RESIDENCES



COMMERCIAL
BUILDINGS



INDUSTRIAL
FACILITIES



HVAC
(HEATING, VENTILATION,
AIR CONDITIONING)