
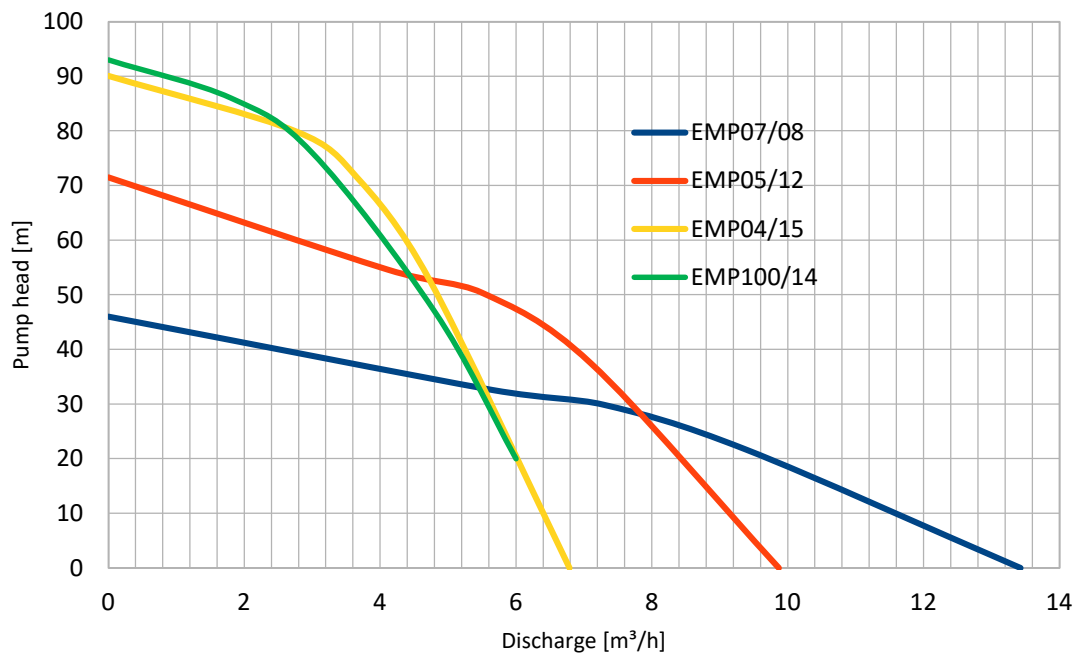


DATASHEET status Security status	This is a type test report. All data contained is informational. This is not a specification			 EMPO-NI off-grid solutions Wernigeroder Strasse 102 D-40595 Düsseldorf
general specification or custom specification	prepared	W. Schröder	REV A	
	checked	M. Heyer		
	approved	M. Honsberg		
GENERAL	DATE	08.08.2019		

1. **Scope:** SDD1.5kW-425V pump kit with 1,1kW hydraulic systems @50Hz
2. **Description:** Submersible 3-phase motor 4" with screw connected hydraulic systems each one optimized for specific pump head [m] versus discharge [m³/h]
3. **PV-array:** Recommended minimum number of 60 cell (275Wp) PV-panels: 7
Recommended minimum number of 72 cell (315Wp) PV-panels: 6
4. **Options:** Hydraulic system performance pump head [m] versus discharge [m³/h]:



Hydraulic systems:

- 1.) EMP07/08 8 stages high flow rate, low pressure 4"
- 2.) EMP05/12 12 stages medium flow rate, medium pressure 4"
- 3.) EMP04/15 15 stages low flow rate, high pressure 4"
- 4.) EMP100/14 14 stages low flow rate, high pressure 4"

Other models on request, please contact engineering@empower-ni.de

Errors and omissions excepted