
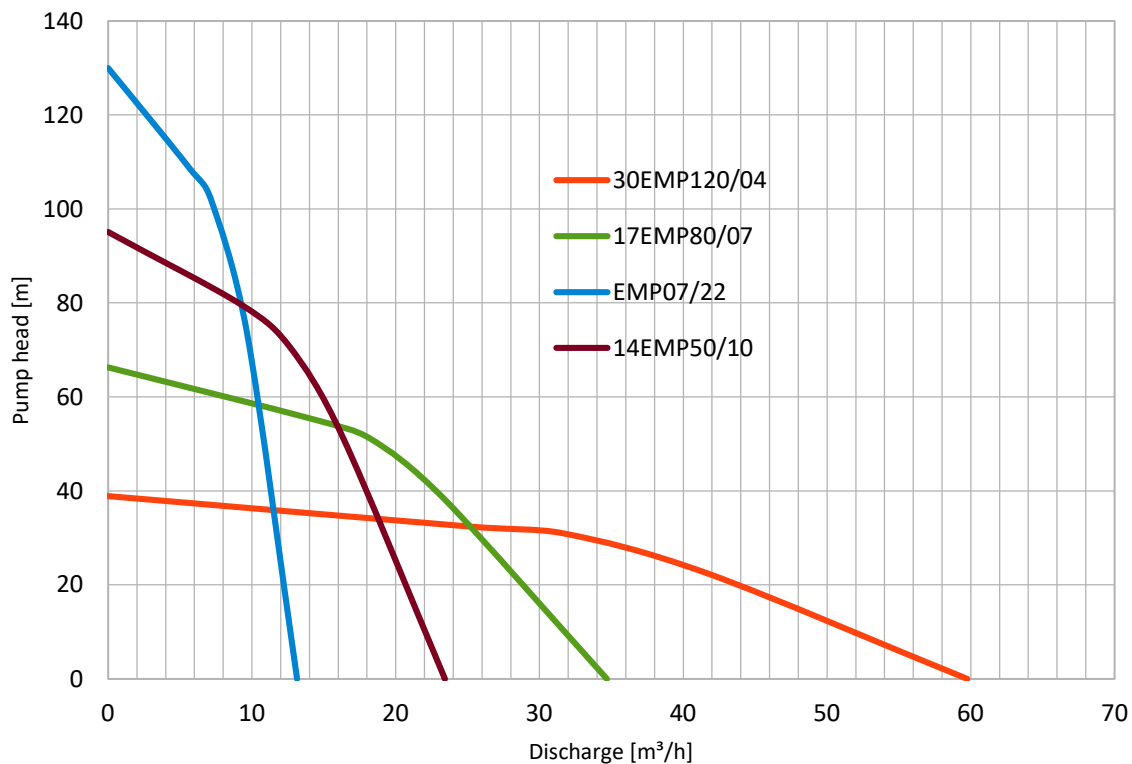


DATASHEET status Security status	This is a type test report. All data contained is informational. This is not a specification			 EMPO-NI off-grid solutions Wernigeroder Strasse 102 D-40595 Düsseldorf
general specification or custom specification	prepared	W. Schröder	REV A	
	checked	M. Heyer		
	approved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

1. **Scope:** SDD5.5kW-850V pump kit with 4kW hydraulic systems @50Hz
2. **Description:** Submersible 3-phase motor 6" 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: 18
Recommended minimum number of 72 cell (315Wp) PV-panels: 15
4. **Options:** Hydraulic system performance pump head [m] versus discharge [m³/h]:



Hydraulic systems:

- 1.) 30EMP120/04 4 stages high flow rate, low pressure 6" type
- 2.) 17EMP80/07 7 stages medium flow rate, medium pressure, 6" type
- 3.) 14EMP50/10 10 stages low flow rate, high pressure, 6" type
- 4.) EMP07/22 22 stages low flow rate high pressure, 4" type

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

Errors and omissions excepted