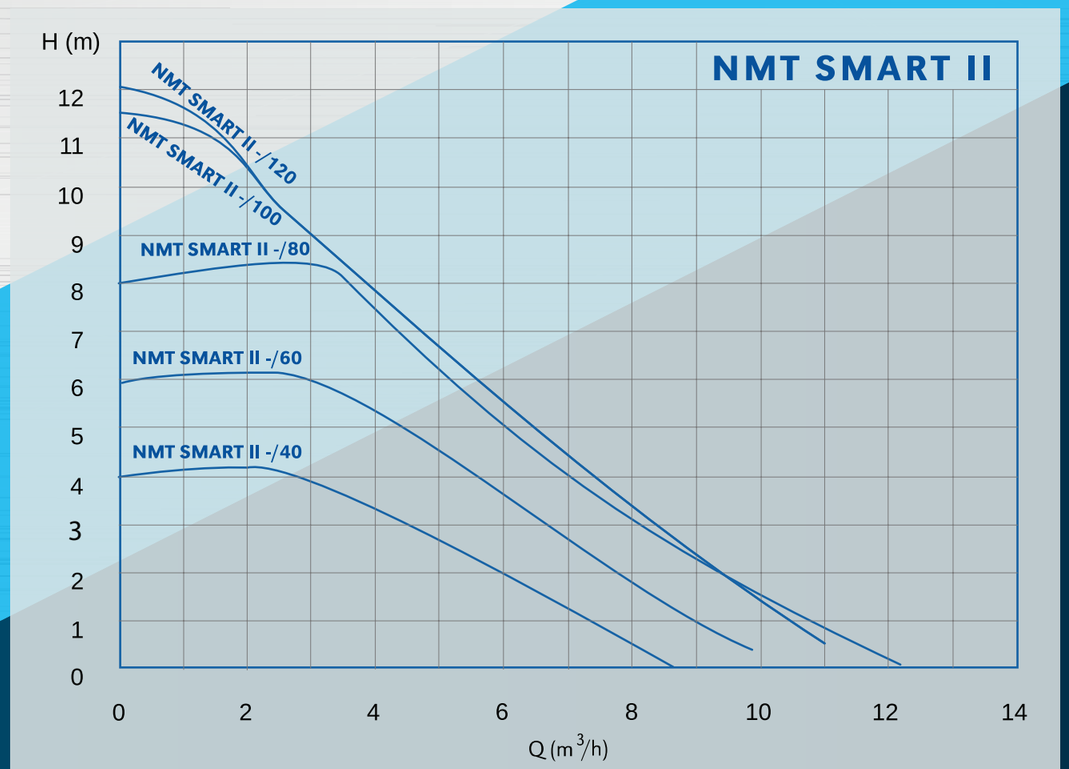
# TECHNICAL DATA

| Technical specification | |
|---|---|
| Qmax | up to 12 m3/h |
| Hmax | up to 12 m |
| DN | 25/32/40/50 |
| Pipe connection | G1½ / G2 |
| Installation | flange, threaded |
| Insulation class | F |
| Degree of protection | IP 44 |
| Voltage | 1 ~ 230V, 50 Hz |

| Name | Pmax[W] | Imax [A] | EEI |
|---|---|---|---|
| NMT SMART II -/40 | 70 | 0,6 | ≤ 0,18 |
| NMT SMART II -/60 | 110 | 1,0 | ≤ 0,18 |
| NMT SMART II -/80 | 150 | 1,3 | ≤ 0,18 |
| NMT SMART II -/100 | 160 | 1,3 | ≤ 0,18 |
| NMT SMART II -/120 | 160 | 1,3 | ≤ 0,18 |

# PERFORMANCE CURVES




IMP PUMPS d.o.o .| Pod hrasti 28 | 1218 Komenda | SLOVENIA
E: info@imp-pumps.com | T: +386 1 28 06 400 | F: +386 1 28 06 460
www.imp-pumps.com

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14.02.2023

IMPPUMPS®
Intelligent Motor Pumps

EEI ≤ 0,18
ErP ready




# NMT SMART II

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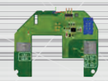
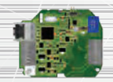
# MAIN FEATURES

- Permanent magnet technology
- High efficiency
- Automatic operation
- Night mode
- Compact & modern design
- Lightest pump in its class
- Easy handling and installation
- LED display for easy operation
- Optional stainless steel hydraulics for sanitary water
- Optional twin pump model
- Thermal insulation included
- 4 types of communication
- Low noise operation
- Automatic venting

# COMMUNICATION OPTIONS

| NMT SMART II | NMT SMART II S | NMT SMART II U | NMT SMART II C |
|---|---|---|---|
|  |  |  |  |
| • Auto mode | • Auto mode | • Auto mode | • Auto mode |
| • Proportional pressure | • Proportional pressure | • Proportional pressure | • Proportional pressure |
| • Constant pressure mode | • Constant pressure mode | • Constant pressure mode | • Constant pressure mode |
| • Fixed speed mode | • Fixed speed mode | • Fixed speed mode | • Fixed speed mode |
| • Night mode | • Night mode | • Night mode | • Night mode |
| • Dry running detection | • Dry running detection | • Dry running detection | • Dry running detection |
| • Automatic venting | • Automatic venting | • Automatic venting | • Automatic venting |
| • EEI ≤ 0,2 | • EEI ≤ 0,2 | • EEI ≤ 0,2 | • EEI ≤ 0,2 |
| | • Start/stop input | • Start/stop input | • Start/stop input |
| | • Relay output | • 2x Relay output | • 2x Relay output |
| |  | • Max/Min input | • Max/Min input |
| | | • 0-10V input | • 0-10V input |
| | |  | • 4-20mA input |
| | | | • PWM input |
| | | | • Modbus (RS485 and TCP/ |
| | | | • Web server |
| | | | • Bacnet |
| | | |  |

POSSIBILE TO UPGRADE

POSSIBILE TO UPGRADE

# HYDRAULIC OPTIONS

**NMT SMART II**
single threaded pumps



**NMT SMART II F**
single flanged pumps



**NMT SAN SMART II**
sanitary water pumps



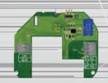
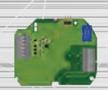
**NMTD SMART II**
twin threaded pumps



**NMTD SMART II F**
twin flanged pumps



## Spare/upgradable parts


| Type | Communication module S | Communication module U | Communication module C |
|---|---|---|---|
| Single pump codes | 979528148 | 979528149 | 979528150 |
| Twin pump codes | / | 979528356 | 979528155 |