

## TECHNICAL DATA

Technical specification	
Q <sub>max</sub>	up to 12 m <sup>3</sup> /h
H <sub>max</sub>	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

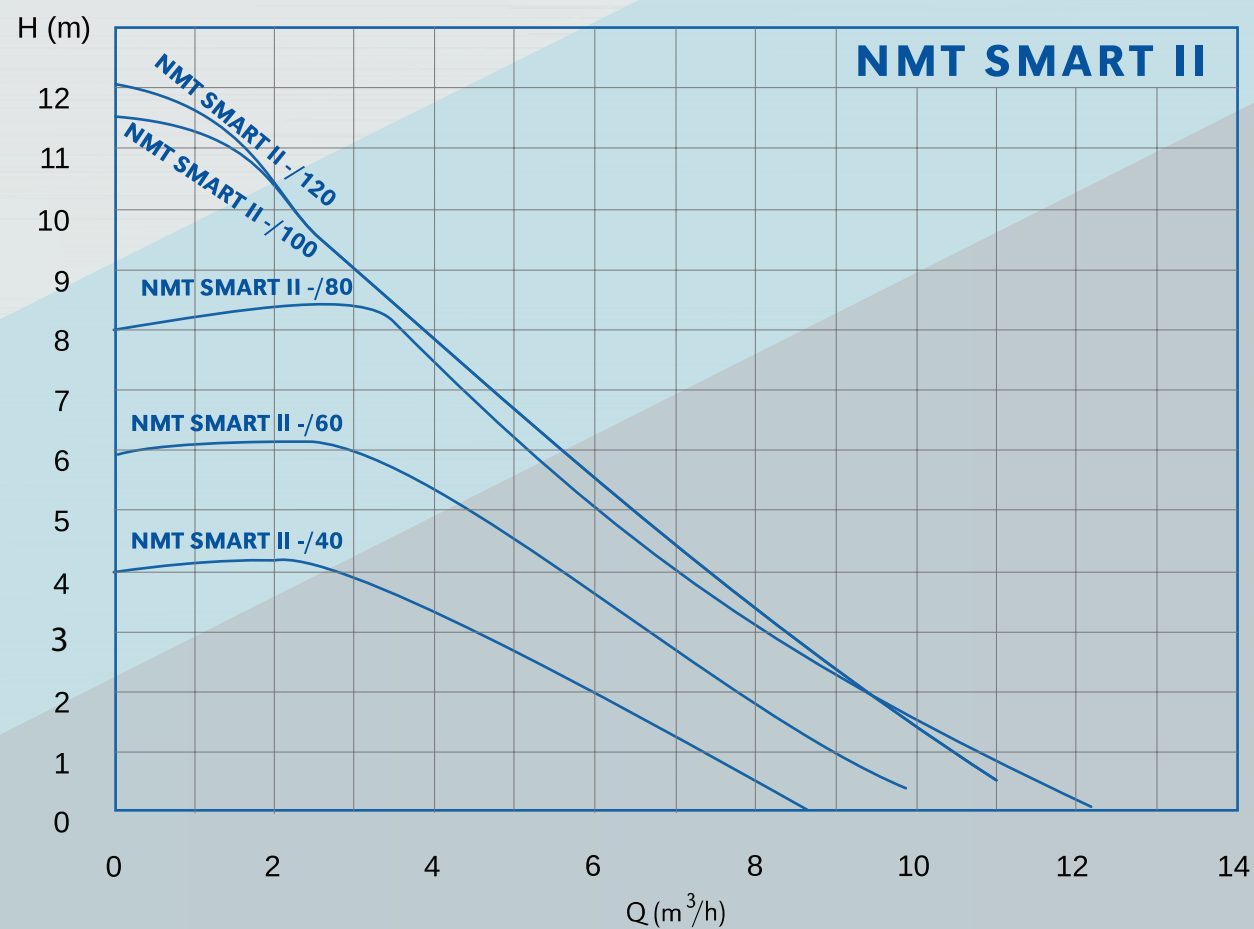
Name	P <sub>max</sub> [W]	I <sub>max</sub> [A]	EEl
NMT SMART II -/40	70	0,6	≤ 0,18
NMT SMART II -/60	110	1,0	≤ 0,18
NMT SMART II -/80	150	1,3	≤ 0,18
NMT SMART II -/100	160	1,3	≤ 0,18
NMT SMART II -/120	160	1,3	≤ 0,18



**IMP PUMPS**<sup>®</sup>  
Intelligent Motor Pumps

**EEl**  
≤  
**0,18**  
ErP ready

## PERFORMANCE CURVES



# 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

## 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



**NMT SMART II**



- Auto mode
- Proportional pressure
- Constant pressure mode
- Fixed speed mode
- Night mode
- Dry running detection
- Automatic venting
- EEI ≤ 0,2

**NMT SMART II S**



- Auto mode
- Proportional pressure
- Constant pressure mode
- Fixed speed mode
- Night mode
- Dry running detection
- Automatic venting
- EEI ≤ 0,2
- Start/stop input
- Relay output

**NMT SMART II U**



- Auto mode
- Proportional pressure
- Constant pressure mode
- Fixed speed mode
- Night mode
- Dry running detection
- Automatic venting
- EEI ≤ 0,2
- Start/stop input
- 2x Relay output
- Max/Min input
- 0-10V input

**NMT SMART II C**

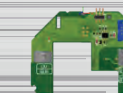


- Auto mode
- Proportional pressure
- Constant pressure mode
- Fixed speed mode
- Night mode
- Dry running detection
- Automatic venting
- EEI ≤ 0,2
- Start/stop input
- 2x Relay output
- Max/Min input
- 0-10V input
- 4-20mA input
- PWM input
- Modbus (RS485 and TCP/
- Web server
- Bacnet

POSSIBLE TO UPGRADE

POSSIBLE TO UPGRADE

Spare/upgradable parts



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