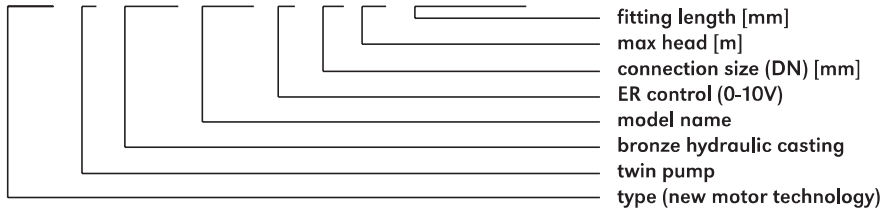


NMT PLUS (small pumps)



NMT (D) (SAN) PLUS (ER) xx/xx - 180 (130)



Electronically controlled wet running circulating pump

For all heating systems, air conditioning, closed cooling circuits and industrial systems, used in accordance with VDI 2035.

Product details

- ECM permanent magnet technology with energy efficiency; EEL ≤ 0.16; 0.18; 0.19
- proportional pressure control
- constant speed
- built-in electric protection
- easy installation and quiet operation
- automatic air venting
- quality and compact construction for durability

- NMT PLUS ER** - communication with the control module, analog 0-10V
- NMTD PLUS** - twin pump
- NMT PLUS SAN** - bronzed body (for sanitary water)
- NMT PLUS PWM** - solar profile
- heating profile

Simple control - all in one button:

button flashes - proportional mode
briefly pressing for switching between curves, then holding approx 5s
button light is on - constant mode
briefly pressing for switching between curves



Minimum inlet pressure

0.05 bar <75 °C (fluid temperature)
0.28 bar <90 °C (fluid temperature)

Material	
Hydraulic casing	cast iron/bronze
Impeller	polyamid
Shaft	ceramics
Bearings	ceramics
Rotor can	stainless steel

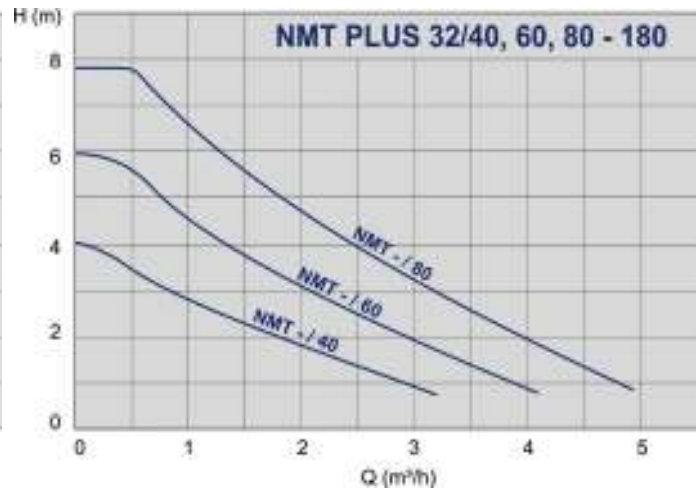
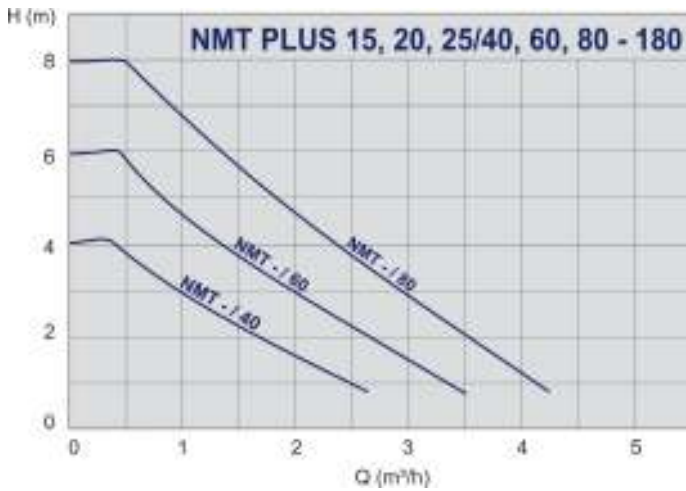
Technical specification	
Q	0,6 - 6 m³/h
H	1 - 8 m
DN	15/20/25/32
Pipe connection	130 or 180mm
Insulation class	F
Degree of protection	IP 44
Voltage	1 ~ 230V, 50 Hz

Permissible mediums

Water, mixed with glycol, parameters must be checked in the mixture of water with over 20% of glycol.
Pure, non-explosive liquid media free of mineral oils and solid particles. Medium temperature from + 5°C to + 110°C, ambient temperature with max. surroundings temperature 40°C.



Performance range



NMT PLUS

Code	Type	EEI	Fitting length [mm]	Pipe connection	Pmax [W]	Voltage [V] 50Hz
979523951	NMT PLUS 15/40-130	0,16	130	Rp ½	20	1x230
979523841	NMT PLUS 20/40-130	0,16	130	Rp ¾	20	1x230
979523842	NMT PLUS 25/40-130	0,16	130	Rp 1	20	1x230
979523843	NMT PLUS 15/60-130	0,18	130	Rp ½	35	1x230
979523844	NMT PLUS 20/60-130	0,18	130	Rp ¾	35	1x230
979523845	NMT PLUS 25/60-130	0,18	130	Rp 1	35	1x230
979523846	NMT PLUS 15/80-130	0,21	130	Rp ½	55	1x230
979523847	NMT PLUS 20/80-130	0,21	130	Rp ¾	55	1x230
979523848	NMT PLUS 25/80-130	0,21	130	Rp 1	55	1x230
979523849	NMT PLUS 20/40-180	0,15	180	Rp ¾	20	1x230
979523850	NMT PLUS 25/40-180	0,15	180	Rp 1	20	1x230
979523851	NMT PLUS 32/40-180	0,15	180	Rp 1¼	20	1x230
979523852	NMT PLUS 20/60-180	0,17	180	Rp ¾	35	1x230
979523853	NMT PLUS 25/60-180	0,17	180	Rp 1	35	1x230
979523854	NMT PLUS 32/60-180	0,17	180	Rp 1¼	35	1x230
979523855	NMT PLUS 20/80-180	0,19	180	Rp ¾	55	1x230
979523856	NMT PLUS 25/80-180	0,19	180	Rp 1	55	1x230
979523857	NMT PLUS 32/80-180	0,19	180	Rp 1¼	55	1x230

NMTD PLUS - twin pump

Code	Type	EEI	Fitting length [mm]	Pipe connection	Pmax [W]	Voltage [V] 50Hz
979523937	NMTD PLUS 25/40-180	0,15	180	Rp 1	20	1x230
979523938	NMTD PLUS 32/40-180	0,15	180	Rp 1¼	20	1x230
979523939	NMTD PLUS 25/60-180	0,17	180	Rp 1	35	1x230
979523940	NMTD PLUS 32/60-180	0,17	180	Rp 1¼	35	1x230
979523941	NMTD PLUS 25/80-180	0,19	180	Rp 1	55	1x230
979523942	NMTD PLUS 32/80-180	0,19	180	Rp 1¼	55	1x230

NMT PLUS ER - 0-10V analog input

Code	Type	EEl	Fitting length [mm]	Pipe connection	Pmax [W]	Voltage [V] 50Hz
979523870	NMT PLUS ER 15/40-130	0,16	130	Rp ½	20	1x230
979523871	NMT PLUS ER 20/40-130	0,16	130	Rp ¾	20	1x230
979523872	NMT PLUS ER 25/40-130	0,16	130	Rp 1	20	1x230
979523873	NMT PLUS ER 15/60-130	0,19	130	Rp ½	35	1x230
979523874	NMT PLUS ER 20/60-130	0,18	130	Rp ¾	35	1x230
979523875	NMT PLUS ER 25/60-130	0,18	130	Rp 1	35	1x230
979523876	NMT PLUS ER 15/80-130	0,21	130	Rp 1	55	1x230
979523877	NMT PLUS ER 20/80-130	0,21	130	Rp ¾	55	1x230
979523878	NMT PLUS ER 25/80-130	0,21	130	Rp 1	55	1x230
979523879	NMT PLUS ER 20/40-180	0,15	180	Rp ¾	20	1x230
979523880	NMT PLUS ER 25/40-180	0,15	180	Rp 1	20	1x230
979523881	NMT PLUS ER 32/40-180	0,15	180	Rp 1¼	20	1x230
979523882	NMT PLUS ER 20/60-180	0,17	180	Rp ¾	35	1x230
979523883	NMT PLUS ER 25/60-180	0,17	180	Rp 1	35	1x230
979523884	NMT PLUS ER 32/60-180	0,17	180	Rp 1¼	35	1x230
979523885	NMT PLUS ER 20/80-180	0,19	180	Rp ¾	55	1x230
979523886	NMT PLUS ER 25/80-180	0,19	180	Rp 1	55	1x230
979523887	NMT PLUS ER 32/80-180	0,19	180	Rp 1¼	55	1x230

NMT PLUS PWM SOLAR - digital input

Code	Type	EEl	Fitting length [mm]	Pipe connection	Pmax [W]	Voltage [V] 50Hz
979523891	NMT PLUS PWM S 15/40-130	0,16	130	Rp ½	20	1x230
979523893	NMT PLUS PWM S 20/40-130	0,16	130	Rp ¾	20	1x230
979523895	NMT PLUS PWM S 25/40-130	0,16	130	Rp 1	20	1x230
979523897	NMT PLUS PWM S 15/60-130	0,19	130	Rp ½	35	1x230
979523899	NMT PLUS PWM S 20/60-130	0,18	130	Rp ¾	35	1x230
979523901	NMT PLUS PWM S 25/60-130	0,18	130	Rp 1	35	1x230
979523903	NMT PLUS PWM S 15/80-130	0,21	130	Rp 1	55	1x230
979523905	NMT PLUS PWM S 20/80-130	0,21	130	Rp ¾	55	1x230
979523907	NMT PLUS PWM S 25/80-130	0,21	130	Rp 1	55	1x230
979523909	NMT PLUS PWM S 20/40-180	0,15	180	Rp ¾	20	1x230
979523911	NMT PLUS PWM S 25/40-180	0,15	180	Rp 1	20	1x230
979523913	NMT PLUS PWM S 32/40-180	0,15	180	Rp 1¼	20	1x230
979523915	NMT PLUS PWM S 20/60-180	0,17	180	Rp ¾	35	1x230
979523917	NMT PLUS PWM S 25/60-180	0,17	180	Rp 1	35	1x230
979523919	NMT PLUS PWM S 32/60-180	0,17	180	Rp 1¼	35	1x230
979523921	NMT PLUS PWM S 20/80-180	0,19	180	Rp ¾	55	1x230
979523923	NMT PLUS PWM S 25/80-180	0,19	180	Rp 1	55	1x230
979523925	NMT PLUS PWM S 32/80-180	0,19	180	Rp 1¼	55	1x230



NMT PLUS PWM HEATING - digital input

Code	Type	EEl	Fitting length [mm]	Pipe connection	Pmax [W]	Voltage [V] 50Hz
979523890	NMT PLUS PWM H 15/40-130	0,16	130	Rp ½	20	1x230
979523892	NMT PLUS PWM H 20/40-130	0,16	130	Rp ¾	20	1x230
979523894	NMT PLUS PWM H 25/40-130	0,16	130	Rp 1	20	1x230
979523896	NMT PLUS PWM H 15/60-130	0,19	130	Rp ½	35	1x230
979523898	NMT PLUS PWM H 20/60-130	0,18	130	Rp ¾	35	1x230
979523900	NMT PLUS PWM H 25/60-130	0,18	130	Rp 1	35	1x230
979523902	NMT PLUS PWM H 15/80-130	0,21	130	Rp ½	55	1x230
979523904	NMT PLUS PWM H 20/80-130	0,21	130	Rp ¾	55	1x230
979523906	NMT PLUS PWM H 25/80-130	0,21	130	Rp 1	55	1x230
979523908	NMT PLUS PWM H 20/40-180	0,15	180	Rp ¾	20	1x230
979523910	NMT PLUS PWM H 25/40-180	0,15	180	Rp 1	20	1x230
979523912	NMT PLUS PWM H 32/40-180	0,15	180	Rp 1¼	20	1x230
979523914	NMT PLUS PWM H 20/60-180	0,17	180	Rp ¾	35	1x230
979523916	NMT PLUS PWM H 25/60-180	0,17	180	Rp 1	35	1x230
979523918	NMT PLUS PWM H 32/60-180	0,17	180	Rp 1¼	35	1x230
979523920	NMT PLUS PWM H 20/80-180	0,19	180	Rp ¾	55	1x230
979523922	NMT PLUS PWM H 25/80-180	0,19	180	Rp 1	55	1x230
979523924	NMT PLUS PWM H 32/80-180	0,19	180	Rp 1¼	55	1x230

NMT SAN PLUS - for sanitary hot water systems

Code	Type	EEl	Fitting length [mm]	Pipe connection	Pmax [W]	Voltage [V] 50Hz
979523931	NMT SAN PLUS 20/40-130	0,15	130	Rp ¾	20	1x230
979523932	NMT SAN PLUS 25/40-130	0,15	130	Rp 1	20	1x230
979523933	NMT SAN PLUS 20/60-130	0,17	130	Rp ¾	35	1x230
979523934	NMT SAN PLUS 25/60-130	0,17	130	Rp 1	35	1x230
979523935	NMT SAN PLUS 20/80-130	0,19	130	Rp ¾	55	1x230
979523936	NMT SAN PLUS 25/80-130	0,19	130	Rp 1	55	1x230