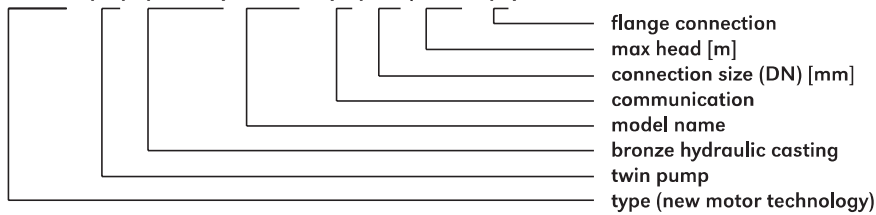


## NMT LAN



NMT (D) (SAN) LAN (C) xx/xxx (F)



### Electronically controlled wet running circulating pump

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

### High efficient wet running pump with auto adapt function

- ECM permanent magnet technology with high energy efficiency;  $EEI \leq 0,23$
- LED display for control
- Integrated web server for controlling pumps
- built-in electric and thermal protection
- easy handling and instalation, low noise operation and automatic venting
- robust and compact construction for long life

#### Automatic operation

- Immediate adaptation to the system

#### Manual adjustment

- Proportional pressure, constant pressure, constant speed, night mode

#### Communication

NMT LAN - Ethernet, 2 digital inputs, 1 relay output

NMT LAN C - Ethernet, Modbus RTU, 3 analog inputs/outputs (0-10V), 1 relay output

#### Minimum inlet pressure

0.05 bar < 50°C (fluid temperature)

0.8 bar < 80°C (fluid temperature)

1,4 bar < 110 (fluid temperature)

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

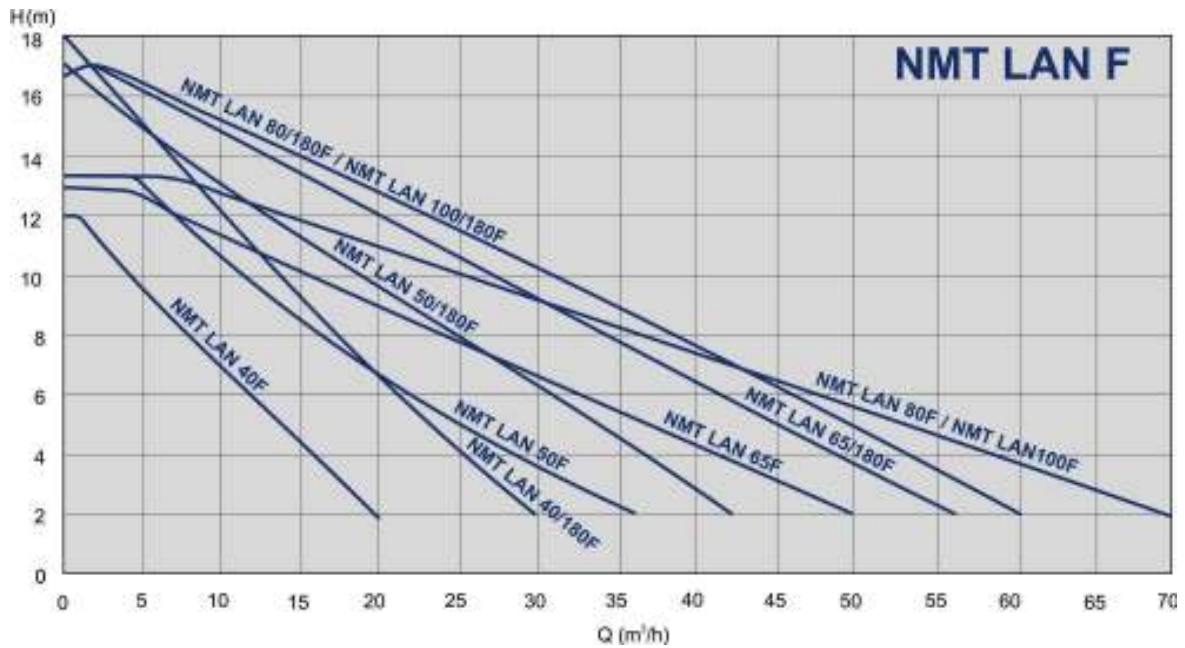
Technical specification	
Q	25 - 78 m <sup>3</sup> /h
H	12 - 18 m
p	PN 6/10 bar
DN	40/50/65/80/100
Installation	flange
Insulation class	H
Degree of protection	IP 44
Voltage	1 ~ 230V, 50 Hz

#### 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 -10°C to +110°C, ambient temperature with max. surroundings temperature 40°C.



## Performance range



## NMT LAN xx F - flanged pumps

Code	Type	EEL	Fitting length L [mm]	Pipe connection	PN	Pmax [W]	Voltage [V] 50Hz
979523651	NMT LAN 40/180 F	≤ 0,23	250	DN40	PN6/10	800	1x230
979523652	NMT LAN 50/180 F	≤ 0,23	280	DN50	PN6/10	1100	1x230
979523653	NMT LAN 65/180 F	≤ 0,23	340	DN65	PN6/10	1500	1x230
979523462	NMT LAN 65 F	≤ 0,23	340	DN65	PN6/10	1100	1x230
979523654	NMT LAN 80/180 F PN6	≤ 0,23	360	DN80	PN6	1600	1x230
979523463	NMT LAN 80 F PN6	≤ 0,23	360	DN80	PN6	1600	1x230
979523655	NMT LAN 80/180 F PN10	≤ 0,23	360	DN80	PN10	1600	1x230
979523464	NMT LAN 80 F PN10	≤ 0,23	360	DN80	PN10	1600	1x230
979523656	NMT LAN 100/180 F PN6	≤ 0,23	360	DN100	PN6	1600	1x230
979523465	NMT LAN 100 F PN6	≤ 0,23	360	DN100	PN6	1600	1x230
979523657	NMT LAN 100/180 F PN10	≤ 0,23	360	DN100	PN10	1600	1x230
979523466	NMT LAN 100 F PN10	≤ 0,23	360	DN100	PN10	1600	1x230

## NMT LAN C xx F - flanged pumps with communication module

Code	Type	EEI	Fitting length L [mm]	Pipe connection	PN	Pmax [W]	Voltage [V] 50Hz
979523714	NMT LAN C 40/180 F	≤ 0,23	250	DN40	PN6/10	800	1x230
979523715	NMT LAN C 50/180 F	≤ 0,23	280	DN50	PN6/10	1000	1x230
979523716	NMT LAN C 65/180 F	≤ 0,23	340	DN65	PN6/10	1500	1x230
979523614	NMT LAN C 65 F	≤ 0,23	340	DN65	PN6/10	1100	1x230
979523717	NMT LAN C 80/180 F PN 6	≤ 0,23	360	DN80	PN6	1600	1x230
979523615	NMT LAN C 80 F PN 6	≤ 0,23	360	DN80	PN6	1600	1x230
979523718	NMT LAN C 80/180 F PN 10	≤ 0,23	360	DN80	PN10	1600	1x230
979523616	NMT LAN C 80 F PN 10	≤ 0,23	360	DN80	PN10	1600	1x230
979523719	NMT LAN C 100/180 F PN 6	≤ 0,23	360	DN100	PN6	1600	1x230
979523617	NMT LAN C 100 F PN 6	≤ 0,23	360	DN100	PN6	1600	1x230
979523720	NMT LAN C 100/180 F PN 10	≤ 0,23	360	DN100	PN10	1600	1x230
979523618	NMT LAN C 100 F PN 10	≤ 0,23	360	DN100	PN10	1600	1x230

## NMTD LAN xx F - twin pumps

Code	Type	EEI	Fitting length L [mm]	Pipe connection	PN	Pmax [W]	Voltage [V] 50Hz
979523658	NMTD LAN 40/180 F	≤ 0,23	250	DN40	PN6/10	800	1x230
979523659	NMTD LAN 50/180 F	≤ 0,23	280	DN50	PN6/10	1100	1x230
979523660	NMTD LAN 65/180 F	≤ 0,23	340	DN65	PN6/10	1500	1x230
979523469	NMTD LAN 65 F	≤ 0,23	340	DN65	PN6/10	1100	1x230
979523661	NMTD LAN 80/180 F PN 6	≤ 0,23	360	DN80	PN6	1600	1x230
979523470	NMTD LAN 80 F PN 6	≤ 0,23	360	DN80	PN6	1600	1x230
979523662	NMTD LAN 80/180 F PN 10	≤ 0,23	360	DN80	PN10	1600	1x230
979523471	NMTD LAN 80 F PN 10	≤ 0,23	360	DN80	PN10	1600	1x230

## NMTD LAN C xx F - twin pumps with communication module

Code	Type	EEI	Fitting length L [mm]	Pipe connection	PN	Pmax [W]	Voltage [V] 50Hz
979523721	NMTD LAN C 40/180 F	≤ 0,23	250	DN40	PN6/10	2x800	1x230
979523722	NMTD LAN C 50/180 F	≤ 0,23	280	DN50	PN6/10	2x1000	1x230
979523723	NMTD LAN C 65/180 F	≤ 0,23	340	DN65	PN6/10	2x1500	1x230
979523627	NMTD LAN C 65 F	≤ 0,23	340	DN65	PN6/10	2x1100	1x230
979523724	NMTD LAN C 80/180 F PN 6	≤ 0,23	360	DN80	PN6	2x1600	1x230
979523628	NMTD LAN C 80 F PN 6	≤ 0,23	360	DN80	PN6	2x1600	1x230
979523725	NMTD LAN C 80/180 F PN 10	≤ 0,23	360	DN80	PN10	2x1600	1x230
979523629	NMTD LAN C 80 F PN 10	≤ 0,23	360	DN80	PN10	2x1600	1x230



### NMT SAN LAN xx F - bronze hydraulic pumps

Code	Type	EEl	Fitting length L [mm]	Pipe connection	PN	Pmax [W]	Voltage [V] 50Hz
979523606	NMT SAN LAN 40 F	≤ 0,23	250	DN40	PN6/10	500	1x230
979523607	NMT SAN LAN 50 F	≤ 0,23	280	DN50	PN6/10	800	1x230
979523608	NMT SAN LAN 65 F	≤ 0,23	340	DN65	PN6/10	1100	1x230

### NMT SAN LAN C xx F - bronze hydraulic pumps with communication module

Code	Type	EEl	Fitting length L [mm]	Pipe connection	PN	Pmax [W]	Voltage [V] 50Hz
979523609	NMT SAN LAN C 40 F	≤ 0,23	250	DN40	PN6/10	500	1x230
979523610	NMT SAN LAN C 50 F	≤ 0,23	280	DN50	PN6/10	800	1x230
979523611	NMT SAN LAN C 65 F	≤ 0,23	340	DN65	PN6/10	1100	1x230