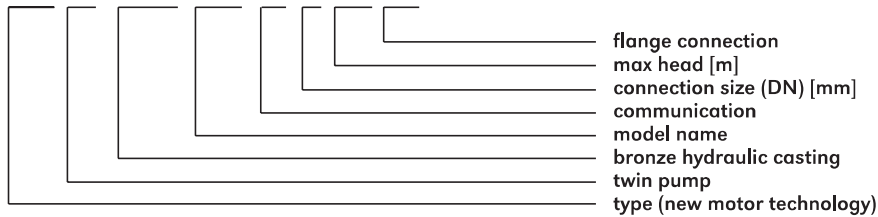


NMT MAX



NMT (D) (SAN) MAX (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; $EEI \leq 0,21$
- LED display for control
- built-in electric 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

MAX C - with NMTC communication module (option): Ethernet, Modbus RTU, analog control input 0-10V, 3 analog inputs/outputs, 1 rele output

Minimum inlet pressure

0.05 bar <math> < 75 \text{ }^\circ\text{C}</math> (fluid temperature)
 0.28 bar <math> < 90 \text{ }^\circ\text{C}</math> (fluid temperature)

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

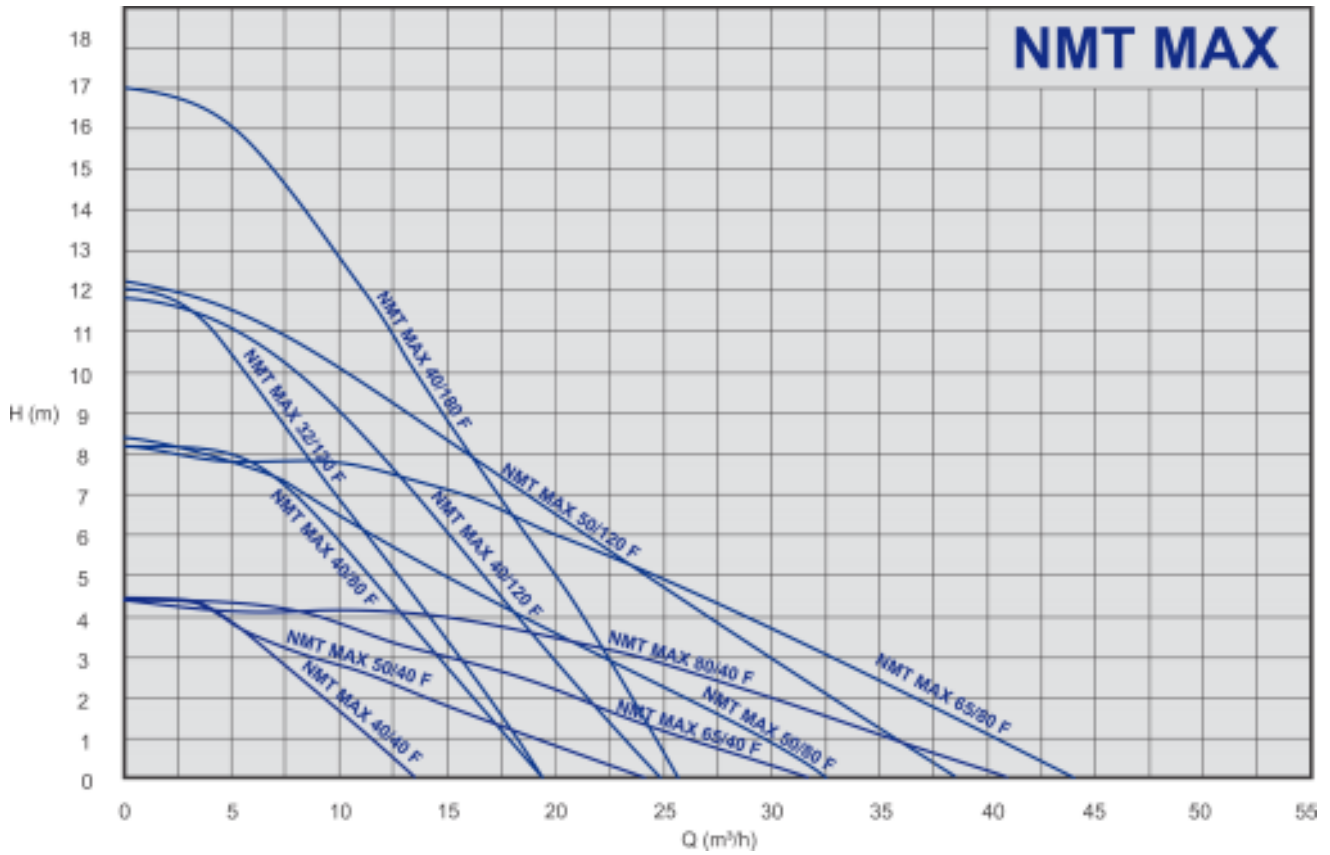
| Technical specification | |
|-------------------------|---------------------------|
| Q | 13 - 44 m ³ /h |
| H | 4 - 12 m |
| P | PN 6/10 bar |
| DN | 40/50/65/80 |
| Installation | flange |
| Insulation class | F |
| Degree of protection | IP 44 |
| Voltage | 1 ~ 230V, 50/60 Hz |

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 + 2°C to + 110°C, ambient temperature with max. surroundings temperature 40°C.



Performance range



NMT MAX - flanged pumps

| Code | Type | EEl | Fitting length L [mm] | Pipe connection | PN | Pmax [W] | Voltage [V] 50Hz |
|-----------|----------------------|--------|-----------------------|-----------------|--------|----------|------------------|
| 979524665 | NMT MAX 32/120 F | ≤ 0,22 | 220 | DN32 | PN6/10 | 370 | 1x230 |
| 979523694 | NMT MAX 40/40 F | ≤ 0,21 | 220 | DN40 | PN6/10 | 110 | 1x230 |
| 979524027 | NMT MAX 40/40 F | ≤ 0,21 | 250 | DN40 | PN6/10 | 110 | 1x230 |
| 979523863 | NMT MAX 40/80 F | ≤ 0,21 | 220 | DN40 | PN6/10 | 270 | 1x230 |
| 979523861 | NMT MAX 40/80 F | ≤ 0,21 | 250 | DN40 | PN6/10 | 270 | 1x230 |
| 979523839 | NMT MAX 40/120 F | ≤ 0,21 | 220 | DN40 | PN6/10 | 480 | 1x230 |
| 979523502 | NMT MAX 40/120 F | ≤ 0,21 | 250 | DN40 | PN6/10 | 480 | 1x230 |
| 979524492 | NMT MAX 40/180 F | ≤ 0,23 | 220 | DN40 | PN6/10 | 680 | 1x230 |
| 979524490 | NMT MAX 40/180 F | ≤ 0,23 | 250 | DN40 | PN6/10 | 680 | 1x230 |
| 979524522 | NMT MAX 50/40 F | ≤ 0,23 | 280 | DN50 | PN6/10 | 160 | 1x230 |
| 979524547 | NMT MAX 50/80 F | ≤ 0,22 | 280 | DN50 | PN6/10 | 370 | 1x230 |
| 979523869 | NMT MAX 50/120 F | ≤ 0,21 | 280 | DN50 | PN6/10 | 560 | 1x230 |
| 979524756 | NMT MAX 65/40 F | ≤ 0,23 | 340 | DN65 | PN6/10 | 230 | 1x230 |
| 979524757 | NMT MAX 65/80 F | ≤ 0,22 | 340 | DN65 | PN6/10 | 560 | 1x230 |
| 979524774 | NMT MAX 80/40 F PN6 | ≤ 0,22 | 360 | DN65 | PN6 | 390 | 1x230 |
| 979524780 | NMT MAX 80/40 F PN10 | ≤ 0,22 | 360 | DN65 | PN10 | 390 | 1x230 |

NMT MAX C - flanged fump with communication module

| Code | Type | EEI | Fitting length L [mm] | Pipe connection | PN | Pmax [W] | Voltage [V] 50Hz |
|-----------|------------------------|--------|--------------------------|--------------------|--------|-------------|---------------------|
| 979524666 | NMT MAX C 32/120 F | ≤ 0,22 | 220 | DN32 | PN6/10 | 370 | 1x230 |
| 979524026 | NMT MAX C 40/40 F | ≤ 0,21 | 220 | DN40 | PN6/10 | 110 | 1x230 |
| 979523695 | NMT MAX C 40/40 F | ≤ 0,21 | 250 | DN40 | PN6/10 | 110 | 1x230 |
| 979523867 | NMT MAX C 40/80 F | ≤ 0,21 | 220 | DN40 | PN6/10 | 270 | 1x230 |
| 979523865 | NMT MAX C 40/80 F | ≤ 0,21 | 250 | DN40 | PN6/10 | 270 | 1x230 |
| 979523840 | NMT MAX C 40/120 F | ≤ 0,21 | 220 | DN40 | PN6/10 | 480 | 1x230 |
| 979523503 | NMT MAX C 40/120 F | ≤ 0,21 | 250 | DN40 | PN6/10 | 480 | 1x230 |
| 979524493 | NMT MAX C 40/180 F | ≤ 0,23 | 220 | DN40 | PN6/10 | 680 | 1x230 |
| 979524491 | NMT MAX C 40/180 F | ≤ 0,23 | 250 | DN40 | PN6/10 | 680 | 1x230 |
| 979524523 | NMT MAX C 50/40 F | ≤ 0,23 | 280 | DN50 | PN6/10 | 160 | 1x230 |
| 979524548 | NMT MAX C 50/80 F | ≤ 0,22 | 280 | DN50 | PN6/10 | 370 | 1x230 |
| 979524028 | NMT MAX C 50/120 F | ≤ 0,21 | 280 | DN50 | PN6/10 | 560 | 1x230 |
| 979524762 | NMT MAX C 65/40 F | ≤ 0,23 | 340 | DN65 | PN6/10 | 230 | 1x230 |
| 979524763 | NMT MAX C 65/80 F | ≤ 0,22 | 340 | DN65 | PN6/10 | 560 | 1x230 |
| 979524777 | NMT MAX C 80/40 F PN6 | ≤ 0,22 | 360 | DN65 | PN6 | 390 | 1x230 |
| 979524783 | NMT MAX C 80/40 F PN10 | ≤ 0,22 | 360 | DN65 | PN10 | 390 | 1x230 |

NMTD MAX - twin pump

| Code | Type | EEI | Fitting length L [mm] | Pipe connection | PN | Pmax [W] | Voltage [V] 50Hz |
|-----------|-----------------------|--------|--------------------------|--------------------|--------|-------------|---------------------|
| 979524667 | NMTD MAX 32/120 F | ≤ 0,22 | 220 | DN32 | PN6/10 | 370 | 1x230 |
| 979524032 | NMTD MAX 40/40 F | ≤ 0,21 | 220 | DN40 | PN6/10 | 110 | 1x230 |
| 979524034 | NMTD MAX 40/40 F | ≤ 0,21 | 250 | DN40 | PN6/10 | 110 | 1x230 |
| 979524518 | NMTD MAX 40/80 F | ≤ 0,21 | 220 | DN40 | PN6/10 | 270 | 1x230 |
| 979524519 | NMTD MAX 40/80 F | ≤ 0,21 | 250 | DN40 | PN6/10 | 270 | 1x230 |
| 979523708 | NMTD MAX 40/120 F | ≤ 0,21 | 220 | DN40 | PN6/10 | 480 | 1x230 |
| 979523710 | NMTD MAX 40/120 F | ≤ 0,21 | 250 | DN40 | PN6/10 | 480 | 1x230 |
| 979524496 | NMTD MAX 40/180 F | ≤ 0,23 | 220 | DN40 | PN6/10 | 680 | 1x230 |
| 979524494 | NMTD MAX 40/180 F | ≤ 0,23 | 250 | DN40 | PN6/10 | 680 | 1x230 |
| 979524524 | NMTD MAX 50/40 F | ≤ 0,23 | 280 | DN50 | PN6/10 | 160 | 1x230 |
| 979524549 | NMTD MAX 50/80 F | ≤ 0,22 | 280 | DN50 | PN6/10 | 370 | 1x230 |
| 979523997 | NMTD MAX 50/120 F | ≤ 0,21 | 280 | DN50 | PN6/10 | 560 | 1x230 |
| 979524768 | NMTD MAX 65/40 F | ≤ 0,23 | 340 | DN65 | PN6/10 | 230 | 1x230 |
| 979524769 | NMTD MAX 65/80 F | ≤ 0,22 | 340 | DN65 | PN6/10 | 560 | 1x230 |
| 979524786 | NMTD MAX 80/40 F PN6 | ≤ 0,22 | 360 | DN65 | PN6 | 390 | 1x230 |
| 979524792 | NMTD MAX 80/40 F PN10 | ≤ 0,22 | 360 | DN65 | PN10 | 390 | 1x230 |

NMTD MAX C - twin pump with communication module

| Code | Type | EEl | Fitting length L [mm] | Pipe connection | PN | Pmax [W] | Voltage [V] 50Hz |
|-----------|-------------------------|--------|-----------------------|-----------------|--------|----------|------------------|
| 979524668 | NMTD MAX C 32/120 F | ≤ 0,22 | 220 | DN32 | PN6/10 | 370 | 1x230 |
| 979524033 | NMTD MAX C 40/40 F | ≤ 0,21 | 220 | DN40 | PN6/10 | 110 | 1x230 |
| 979524035 | NMTD MAX C 40/40 F | ≤ 0,21 | 250 | DN40 | PN6/10 | 110 | 1x230 |
| 979524520 | NMTD MAX C 40/80 F | ≤ 0,21 | 220 | DN40 | PN6/10 | 270 | 1x230 |
| 979524521 | NMTD MAX C 40/80 F | ≤ 0,21 | 250 | DN40 | PN6/10 | 270 | 1x230 |
| 979523709 | NMTD MAX C 40/120 F | ≤ 0,21 | 220 | DN40 | PN6/10 | 480 | 1x230 |
| 979523711 | NMTD MAX C 40/120 F | ≤ 0,21 | 250 | DN40 | PN6/10 | 480 | 1x230 |
| 979524497 | NMTD MAX C 40/180 F | ≤ 0,23 | 220 | DN40 | PN6/10 | 680 | 1x230 |
| 979524495 | NMTD MAX C 40/180 F | ≤ 0,23 | 250 | DN40 | PN6/10 | 680 | 1x230 |
| 979524525 | NMTD MAX C 50/40 F | ≤ 0,23 | 280 | DN50 | PN6/10 | 160 | 1x230 |
| 979524550 | NMTD MAX C 50/80 F | ≤ 0,22 | 280 | DN50 | PN6/10 | 370 | 1x230 |
| 979524029 | NMTD MAX C 50/120 F | ≤ 0,21 | 280 | DN50 | PN6/10 | 560 | 1x230 |
| 979524771 | NMTD MAX C 65/40 F | ≤ 0,23 | 340 | DN65 | PN6/10 | 230 | 1x230 |
| 979524772 | NMTD MAX C 65/80 F | ≤ 0,22 | 340 | DN65 | PN6/10 | 560 | 1x230 |
| 979524789 | NMTD MAX C 80/40 F PN6 | ≤ 0,22 | 360 | DN65 | PN6 | 390 | 1x230 |
| 979524795 | NMTD MAX C 80/40 F PN10 | ≤ 0,22 | 360 | DN65 | PN10 | 390 | 1x230 |

NMT SAN MAX - bronze hydraulic pumps

| Code | Type | EEl | Fitting length L [mm] | Pipe connection | PN | Pmax [W] | Voltage [V] 50Hz |
|-----------|----------------------|--------|-----------------------|-----------------|--------|----------|------------------|
| 979524892 | NMT SAN MAX 40/40 F | ≤ 0,21 | 250 | DN40 | PN6/10 | 110 | 1x230 |
| 979524556 | NMT SAN MAX 40/80 F | ≤ 0,21 | 250 | DN40 | PN6/10 | 270 | 1x230 |
| 979524557 | NMT SAN MAX 40/120 F | ≤ 0,21 | 250 | DN40 | PN6/10 | 480 | 1x230 |
| 979524891 | NMT SAN MAX 40/180 F | ≤ 0,23 | 250 | DN40 | PN6/10 | 680 | 1x230 |
| 979524560 | NMT SAN MAX 50/80 F | ≤ 0,22 | 280 | DN50 | PN6/10 | 370 | 1x230 |
| 979524561 | NMT SAN MAX 50/120 F | ≤ 0,21 | 280 | DN50 | PN6/10 | 560 | 1x230 |

NMT SAN MAX C - bronze hydraulic pumps with communication module

| Code | Type | EEl | Fitting length L [mm] | Pipe connection | PN | Pmax [W] | Voltage [V] 50Hz |
|-----------|------------------------|--------|-----------------------|-----------------|--------|----------|------------------|
| 979524894 | NMT SAN MAX C 40/40 F | ≤ 0,21 | 250 | DN40 | PN6/10 | 110 | 1x230 |
| 979524558 | NMT SAN MAX C 40/80 F | ≤ 0,21 | 250 | DN40 | PN6/10 | 270 | 1x230 |
| 979524559 | NMT SAN MAX C 40/120 F | ≤ 0,21 | 250 | DN40 | PN6/10 | 480 | 1x230 |
| 979524893 | NMT SAN MAX C 40/180 F | ≤ 0,23 | 250 | DN40 | PN6/10 | 680 | 1x230 |
| 979524562 | NMT SAN MAX C 50/80 F | ≤ 0,22 | 280 | DN50 | PN6/10 | 370 | 1x230 |
| 979524563 | NMT SAN MAX C 50/120 F | ≤ 0,21 | 280 | DN50 | PN6/10 | 560 | 1x230 |