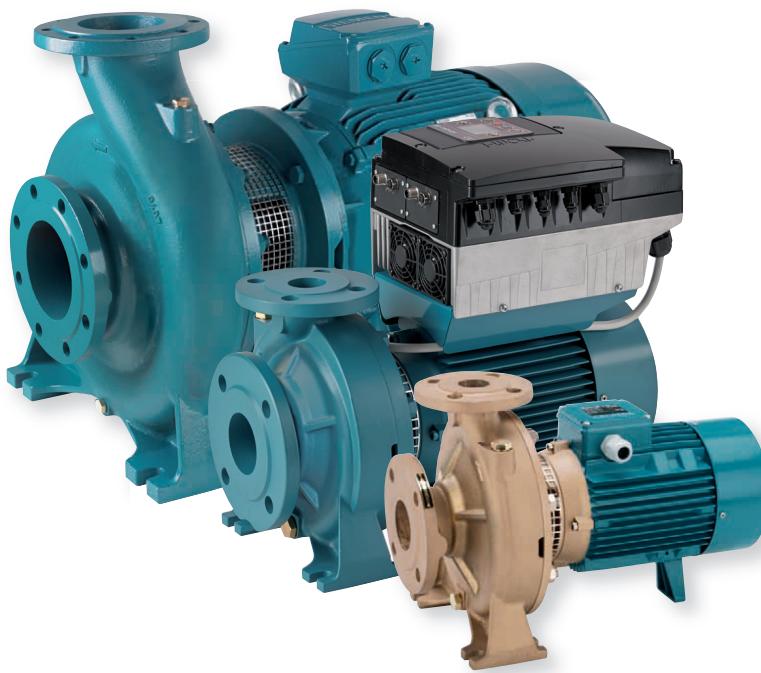


NM, NMS

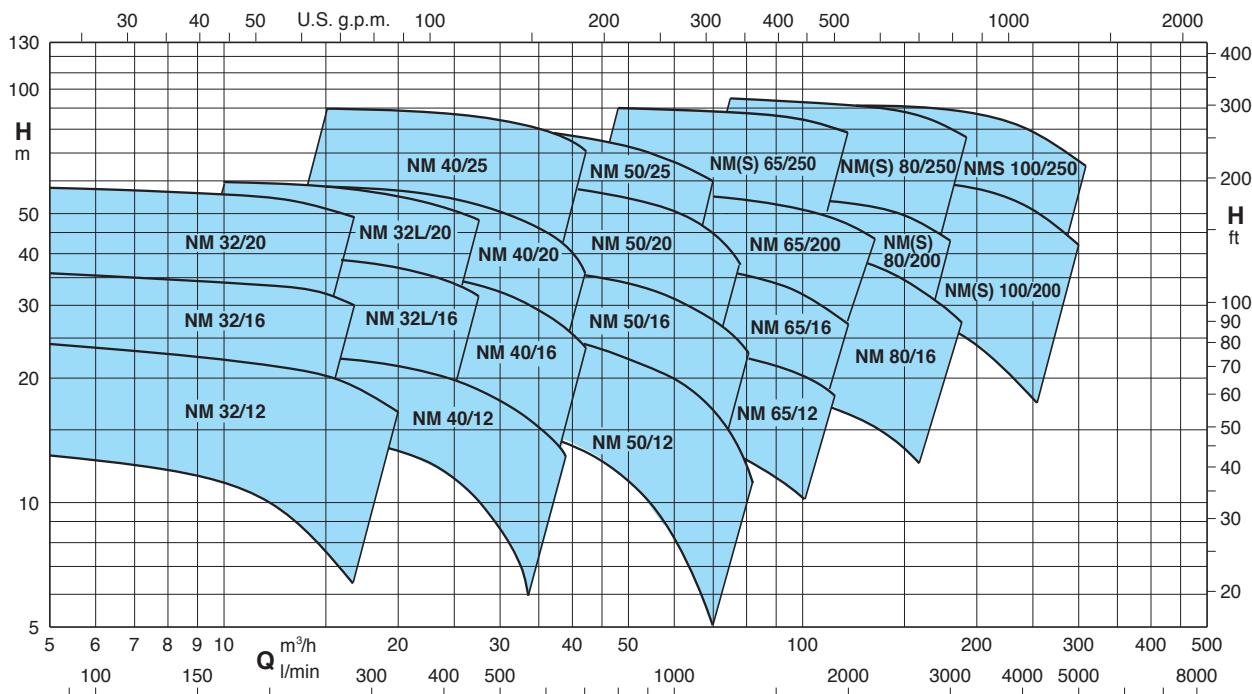
Monobloková odstředivá čerpadla
s přírubovými hrdly



Materiálové provedení

| Součásti | NM, NMS | B-NM, B-NMS |
|----------------------------|---|--|
| Těleso čerpadla | Litina | Bronz |
| Spojka motoru NM | GJL 200 EN 1561 | G-Cu Sn 10 EN 1982 |
| Tlakové víko pro NMS | | |
| Spojka motoru čerpadla NMS | Litina GJL 200 EN 1561 | |
| Oběžné kolo | Litina GJL 200 EN 1561 | Bronz G-Cu Sn 10 EN 1982 |
| Hřidel | Mosaz P- Cu Zn 40 Pb 2 UNI 5705 pro 32/12, 32/16, 32/20, 32L/20, 40/20 | Cr Ni ocel AISI 303 AISI 430 od 3 kW do 22 kW |
| Mechanická ucpávka | Uhlík - Keramika - NBR | Cr Ni Mo ocel AISI 316 |
| Protipříruby | Ocel Fe 430B UNI 7070 | |

Výkonové křivky $n \approx 2900$ ot/min



Konstrukce

Monobloková odstředivá čerpadla; elektromotor s prodlouženou hřidelí připojenou přímo k čerpadlu s výkonem až do 22 kW, nová konstrukce ložiska pro standardní motory (konstrukce čepu nápravy) s výkonem od 30 do 75 kW s integrovaným axiálním ložiskem.

Těleso čerpadla s axiálním sáním a radiálním výtlačkem, hlavní rozměry a výkon v souladu s EN 733.

NM(S): verze s tělesem čerpadla a přírubou motoru z litiny.

B-NM(S): verze s tělesem čerpadla a přírubou motoru/tlakovým víkem z bronzu. (čerpadla jsou dodávána s kompletním nátěrem).

Hrdla: Příruby dle PN 10, EN 1092-2.

Protipříruby (na požadání)

| Velikosti | Příruby |
|----------------------------|--------------------------------------|
| od NM 32/.. do NM 50/... | Příruby se závitem EN 1092-1, PN 16 |
| od NM 65/.. do NMS 100/... | Příruby přivařovací EN 1092-1, PN 10 |

Verze s frekvenčním měničem (na požadání)

Použití

Pro čistou neabrazivní tekutinu neagresivní vůči materiálům čerpadla (obsah pevných částic max. do 0,2 %).

Pro přečerpávání vody.

Jako oběhové čerpadlo pro topení, klimatizaci a chlazení.

Pro domácí a průmyslové využití.

Pro hasicí systémy. Pro zavlažování.

Provozní podmínky

Teplota kapaliny od -10 °C do +90 °C. Teplota prostředí až do 40 °C. Sací výška až do 7 m.

Maximální povolený tlak v tělese čerpadla při provozu až do 10 bar (16 bar pro NM 32L/16,20; NM 40/16,20; NM 50/12,16; NM 65/12,16,20,25; NM 80/16; NM 100/20).

Nepřetřízity provoz.

Motor

4polový asynchronní motor, 50 Hz ($n \approx 2900$ ot/min).

NM, NMS: třífázový 230/400 V ± 10 % až do 3 kW;
400/690 V ± 10 % od 4 do 75 kW.

Třída izolace F. Stupeň krytí IP 54 (IP 55 pro NMS).

Motor vhodný pro provoz s frekvenčním měničem od 1,1 kW.

Klasifikační schéma IE3 pro třífázové motory od 0,75 kW.

Konstruováno v souladu s: EN 60034-1; EN 60034-30-1.

Zvláštní provedení na požadání

- Jiné napětí. - Frekvence 60 Hz (viz katalog 60 Hz).

- Stupeň krytí IP 55. - Speciální mechanická ucpávka.

- Provazcová ucpávka (pouze pro standardní konstrukce NM).

- Jednofázový motor (NMM) až do 1,5 kW.

- Pro vyšší nebo nižší teplotu kapaliny nebo okolí.

- Motor vhodný pro provoz s frekvenčním měničem až do 0,75 kW.

Čerpadla s frekvenčním měničem

Čerpadla NM EI jsou dostupná v provedení s výkonom od 0,55 kW až do 22 kW a jsou vybavena frekvenčním měničem I-MAT, který je připevněn k hlavní desce. Díky tomu je systém s možností změny rychlosti velmi kompaktní a efektivní, a tedy ideální pro použití při čerpání teplé i studené vody. Čerpadlo je vybaveno převodníky vhodnými pro běžný provoz a je nastaveno již ve výrobě.

Výhody

- Úspora energie
- Malé rozměry
- Snadné použití
- Lze nastavit dle požadavků provozu
- Spolehlivost

Konstrukce

Součástí systému je:

- Čerpadlo
- asynchronní motor
- Frekvenční měnič I-MAT
- Adaptér motoru pro připojení frekvenčního měniče k motoru
- Kabel pro připojení frekvenčního měniče k motoru
- Převodníky



Klíčové vlastnosti

Jmenovitý výkon motoru od 0,55 kW do 22 kW

Rozsah ovládání od 1750 do 2900 ot./min (2pólový motor)

Ochrana proti chodu nasucho

Ochrana proti provozu při uzavření připojovacích portů

Ochrana proti úniku kapaliny v systému

Ochrana proti nadproudům v motoru

Ochrana proti přepětí a podpěti zdroje napájení

Ochrana proti nerovnovážnému proudu mezi jednotlivými fázemi

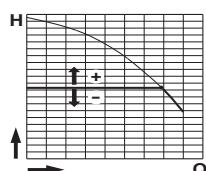
Provozní režimy



Režim konstantního tlaku

s tlakovým převodníkem

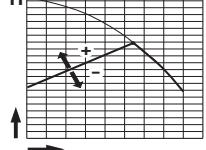
Při změně průtoku vyžadovaného instalací systém v tomto režimu udržuje přednastavený tlak při změně průtoku.



Režim proporcionalního tlaku

s tlakovým převodníkem

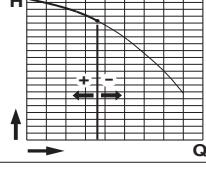
V tomto režimu systém mění provozní tlak podle vyžadovaného průtoku.



Režim konstantního průtoku

s měřicím průtoku

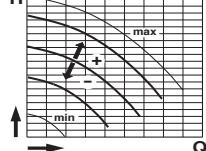
V tomto režimu systém udržuje konstantní hodnotu průtoku v bodu instalace podle vyžadovaného tlaku



Režim fixní rychlosti

s nastavením rychlosti při preferované rotaci.

Pokud v tomto režimu změníte provozní frekvenci, můžete si vybrat jakoukoliv křivku provozu ze škály provozních možností.



Režim konstantní teploty

s převodníkem teploty

V tomto režimu systém udržuje konstantní teplotu pomocí regulace výkonu čerpadla.

Provozní hodnoty n ≈ 2 900 ot/min

| B-NM | NM | P ₂ | | Q m ³ /h | 6,6 | 7,5 | 8,4 | 9,6 | 10,8 | 12 | 13,2 | 15 | 16,8 | 18,9 | 21 | 24 | 27 | 30 |
|---------------|-------------|----------------|------|------------------------|-------|------|------|------|------|------|------|------|-------|------|------|-----|-----|-----|
| | | kW | HP | | l/min | 110 | 125 | 140 | 160 | 180 | 200 | 220 | 250 | 280 | 315 | 350 | 400 | 450 |
| B-NM 32/12F | NM 32/12FE | 0,55 | 0,75 | H m | 12,5 | 12,5 | 12 | 11,5 | 11 | 10 | 9 | 7,5 | | | | | | |
| B-NM 32/12D | NM 32/12DE | 0,75 | 1 | | 18 | 18 | 17,5 | 17 | 16,5 | 16 | 15,5 | 14 | | | | | | |
| B-NM 32/12A/A | NM 32/12A/A | 1,1 | 1,5 | | 23 | 23 | 22,5 | 22 | 21,5 | 21 | 20,5 | 19 | | | | | | |
| B-NM 32/12S/A | NM 32/12S/A | 1,5 | 2 | | 23,5 | 23,5 | 23 | 22,5 | 22 | 21,5 | 21 | 20,5 | 19 | 18,5 | 16,5 | 13 | | |
| B-NM 32/16B/A | NM 32/16B/A | 1,5 | 2 | | 29,5 | 29,5 | 29 | 28,5 | 27,5 | 27 | 26 | 25* | 22,5* | | | | | |
| B-NM 32/16A/B | NM 32/16A/B | 2,2 | 3 | | 35,5 | 35,5 | 35 | 34,5 | 34 | 33,5 | 33 | 32* | 30* | | | | | |
| B-NM 32/20D/B | NM 32/20D/B | 2,2 | 3 | | 38 | 37,5 | 37 | 36 | 35 | 33,5 | 32 | | | | | | | |
| B-NM 32/20C/A | NM 32/20C/A | 3 | 4 | | 45 | 44,5 | 44 | 43,5 | 42,5 | 41 | 40 | 38 | 36 | | | | | |
| B-NM 32/20A/B | NM 32/20A/B | 4 | 5,5 | | 57,5 | 57 | 56 | 55,5 | 55 | 54,5 | 53,5 | 51,5 | 49 | | | | | |

| B-NM | NM | P ₂ | | Q m ³ /h | 9,6 | 10,8 | 12 | 13,2 | 15 | 16,8 | 18,9 | 21 | 24 | 27 | 29 | 32 | 37,8 | 39 |
|--------------|------------|----------------|-----|------------------------|-------|------|------|------|------|------|------|------|------|------|------|------|------|-----|
| | | kW | HP | | l/min | 160 | 180 | 200 | 220 | 250 | 280 | 315 | 350 | 400 | 450 | 483 | 533 | 630 |
| B-NM 32L/16C | NM 32L/16C | 2,2 | 3 | H m | 25,1 | 24,9 | 24,7 | 24,4 | 23,8 | 23 | 21,8 | 20,3 | 17,3 | 13,4 | | | | |
| B-NM 32L/16B | NM 32L/16B | 3 | 4 | | 30,4 | 30,3 | 30,2 | 30 | 29,6 | 29 | 28,1 | 26,8 | 24,2 | 20,8 | 17,9 | | | |
| B-NM 32L/16A | NM 32L/16A | 4 | 5,5 | | 39,9 | 39,9 | 39,8 | 39,6 | 39,3 | 38,8 | 37,9 | 36,8 | 34,7 | 31,9 | 29,7 | 25,6 | | |
| B-NM 32L/20C | NM 32L/20C | 4 | 5,5 | | 42,1 | 41,8 | 41,5 | 41 | 40,2 | 38,9 | 37 | 34,5 | 29,7 | 23,8 | | | | |
| B-NM 32L/20B | NM 32L/20B | 5,5 | 7,5 | | 51,7 | 51,6 | 51,4 | 51,2 | 50,7 | 50 | 48,8 | 47 | 43,2 | 37,8 | 33,5 | | | |
| B-NM 32L/20A | NM 32L/20A | 7,5 | 10 | | 59,4 | 59,4 | 59,4 | 59,4 | 59,2 | 58,8 | 58 | 56,6 | 53,4 | 48,6 | 44,6 | 37,7 | | |

| B-NM | NM | P ₂ | | Q m ³ /h | 15 | 16,8 | 18,9 | 21 | 24 | 27 | 30 | 33 | 37,8 | 39 | 42 | 45 | 48 | 54 |
|-----------------|--------------|----------------|------|------------------------|-------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|
| | | kW | HP | | l/min | 250 | 280 | 315 | 350 | 400 | 450 | 500 | 550 | 630 | 650 | 700 | 750 | 800 |
| B-NM 40/12F/A | NM 40/12F/B | 1,1 | 1,5 | H m | 14 | 13,5 | 13 | 12 | 11 | 9,5 | 8 | 6 | | | | | | |
| B-NM 40/12C/A | NM 40/12C/B | 1,5 | 2 | | 17,5 | 17 | 16,5 | 16 | 15 | 13,5 | 12 | 10,5 | 7,5 | 6,5 | | | | |
| B-NM 40/12A/B | NM 40/12A/C | 2,2 | 3 | | 22 | 22 | 21,5 | 21 | 20 | 19 | 18 | 16,5 | 14 | 13 | 11,5 | | | |
| B-NM 40/16C/B | NM 40/16C/C | 2,2 | 3 | | 23 | 22,5 | 22 | 21,5 | 20 | 18,5 | 16,5 | 14,5 | 11 | 10 | | | | |
| B-NM 40/16B/A | NM 40/16B/B | 3 | 4 | | 29 | 28,8 | 28 | 27,5 | 26,5 | 25 | 23,5 | 21,5 | 18 | 17 | 14 | | | |
| B-NM 40/16A/B | NM 40/16A/C | 4 | 5,5 | | 37 | 36,5 | 36,5 | 36 | 35 | 33,5 | 32 | 30,5 | 27 | 26 | 23,5 | 20 | 17 | |
| B-NM 40/20D/B | NM 40/20D/B | 4 | 5,5 | | 39 | 38 | 37 | 35,5 | 33,5 | 30,5 | 27 | 22,5 | 14 | | | | | |
| B-NM 40/20C/B | NM 40/20C/B | 4 | 5,5 | | 41,5 | 40,5 | 39,5 | 38 | 36 | 33,5 | | | | | | | | |
| B-NM 40/200B/A | NM 40/20B/A | 5,5 | 7,5 | | 50 | 49,5 | 48,5 | 47,5 | 45,5 | 43,5 | 41,5 | 37,5 | 30,5 | | | | | |
| B-NM 40/200AR/A | NM 40/20AR/A | 5,5 | 7,5 | | 55 | 54,5 | 54 | 53 | 51 | 49 | | | | | | | | |
| B-NM 40/200A/A | NM 40/20A/A | 7,5 | 10 | | 57,5 | 57 | 56,5 | 55,5 | 54,5 | 52,5 | 50,5 | 48 | 42,5 | 40,5 | 35 | | | |
| B-NM 4025/C/C | NM 40/25C/C | 9,2 | 12,5 | | 61 | 61 | 60,5 | 59,5 | 58,5 | 56,5 | 53,5 | 49,5 | 41,5 | 40 | 33,5 | | | |
| B-NM 4025/B/C | NM 40/25B/C | 11 | 15 | | 69,5 | 69,5 | 69 | 68,5 | 67 | 65,5 | 63,5 | 60,5 | 53,5 | 51 | 45 | | | |
| B-NM 4025/A/C | NM 40/25A/C | 15 | 20 | | 90 | 90 | 89,5 | 89 | 88,5 | 87 | 85 | 83 | 77,5 | 76 | 70,5 | | | |

| B-NM | NM | P ₂ | | Q m ³ /h | 24 | 27 | 30 | 33 | 37,8 | 42 | 48 | 54 | 60 | 66 | 69 | 72 | 75 | 78 | 81 | 84 | | |
|----------------|-------------|----------------|------|------------------------|-------|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | kW | HP | | l/min | 400 | 450 | 500 | 550 | 630 | 700 | 800 | 900 | 1000 | 1100 | 1150 | 1200 | 1250 | 1300 | 1350 | 1400 | |
| B-NM 50/12F/B | NM 50/12F/C | 2,2 | 3 | H m | | | | | 15,5 | 15 | 14 | 13,5 | 12 | 10 | 8 | 6 | | | | | | |
| B-NM 50/12D/A | NM 50/12D/B | 3 | 4 | | | | | | 20 | 19,5 | 18,5 | 18 | 16,5 | 14,5 | 13 | 10,5 | 9 | 8 | | | | |
| B-NM 50/12A/B | NM 50/12A/C | 4 | 5,5 | | | | | | 24 | 24 | 23 | 22,5 | 21 | 19,5 | 17,5 | 15 | 14 | 12,5 | 11,5 | 10 | | |
| B-NM 50/12S/B | NM 50/12S/C | 4 | 5,5 | | | | | | 26,5 | 26 | 25,5 | 24,5 | 23,5 | 22 | 20 | 18 | 16,5 | 15,5 | 14 | 13 | 11 | |
| B-NM 50/160B/B | NM 50/16B/B | 5,5 | 7,5 | | | | | | 31 | 30,5 | 29,5 | 28 | 26 | 24 | 21,5 | 19 | 17,5 | 15,5 | 13,5 | 11,5 | 9,5 | |
| B-NM 50/160A/B | NM 50/16A/B | 7,5 | 10 | | | | | | 38,5 | 38 | 37,5 | 36,5 | 34,5 | 32,5 | 30 | 27 | 25,5 | 24 | 22,5 | 20,5 | 19 | |
| B-NM 50/200B/C | NM 50/20B/C | 9,2 | 12,5 | | | | | | 48 | 47,5 | 47,5 | 47 | 45,5 | 44,5 | 42,5 | 40 | 37 | 33 | 30,5 | 28 | 25,5 | 23 |
| B-NM 50/200A/C | NM 50/20A/C | 11 | 15 | | | | | | 55 | 55 | 54,5 | 54,5 | 53,5 | 52 | 50 | 48 | 45 | 41,5 | 39,5 | 37 | 35 | 32,5 |
| B-NM 50/200S/C | NM 50/20S/C | 15 | 20 | | | | | | 60 | 60 | 59,5 | 59,5 | 58,5 | 57,5 | 55,5 | 53,5 | 50,5 | 47 | 45 | 43 | 40,5 | 37 |
| B-NM 5025/C/C | NM 50/25C/C | 11 | 15 | | | | | | 55 | 54,5 | 54 | 53 | 51,5 | 49,5 | 46 | 41,5 | 35,5 | 28,5 | 24,5 | | | |
| B-NM 5025/B/C | NM 50/25B/C | 15 | 20 | | | | | | 69 | 68,5 | 68 | 67,5 | 66 | 64 | 61 | 57 | 52,5 | 46,5 | 43 | | | |
| B-NM 50/25A | NM 50/25A/D | 18,5 | 25 | | | | | | 80,5 | 80,5 | 80 | 79,5 | 78,5 | 77 | 74,5 | 71,5 | 67 | 61,5 | 58,5 | | | |

Provozní hodnoty n ≈ 2 900 ot/min

| B-NM - B-NMS | NM - NMS | P ₂ | | Q m ³ /h | 37,8 | 42 | 48 | 54 | 60 | 66 | 75 | 84 | 96 | 108 | 120 | 132 | 141 | 150 |
|-----------------|---------------|----------------|------|------------------------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | kW | HP | | l/min | 630 | 700 | 800 | 900 | 1000 | 1100 | 1250 | 1400 | 1600 | 1800 | 2000 | 2200 | 2350 |
| B-NM 65/12E/A | NM 65/12E/C | 4 | 5,5 | | 16,5 | 16,4 | 16,2 | 15,9 | 15,5 | 15,1 | 14,3 | 13,2 | 11,4 | 9,2 | | | | |
| B-NM 65/125C/B | NM 65/12C/B | 5,5 | 7,5 | | 21,1 | 21 | 20,8 | 20,6 | 20,3 | 19,9 | 19,1 | 18,2 | 16,5 | 14,4 | 11,8 | | | |
| B-NM 65/125A/B | NM 65/12A/B | 7,5 | 10 | | 25,9 | 25,8 | 25,6 | 25,4 | 25,1 | 24,8 | 24,1 | 23,3 | 21,9 | 20 | 17,6 | | | |
| B-NM 65/160D/B | NM 65/16D/B | 7,5 | 10 | | | | 24,3 | 24,1 | 23,9 | 23,6 | 23,1 | 22,3 | 20,8 | 18,8 | 16,3 | | | |
| B-NM 65/160C/C | NM 65/16C/C | 9,2 | 12,5 | | | | 28,1 | 28,0 | 27,8 | 27,6 | 27,1 | 26,3 | 24,9 | 23,1 | 20,7 | 17,7 | | |
| B-NM 65/160B/C | NM 65/16B/C | 11 | 15 | | | | 32,6 | 32,5 | 32,3 | 32 | 31,5 | 30,8 | 29,5 | 27,9 | 25,7 | 23,0 | | |
| B-NM 65/160AR | NM 65/16AR | 15 | 20 | | | | 36,4 | 36,3 | 36,2 | 35,9 | 35,5 | 34,8 | 33,7 | 32,1 | 30,0 | 27,5 | | |
| B-NM 65/160A/C | NM 65/16A/C | 15 | 20 | | | | 40,5 | 40,4 | 40,2 | 40 | 39,5 | 38,8 | 37,6 | 36,1 | 34,2 | 31,7 | | |
| B-NM 65/200C/C | NM 65/20C/C | 15 | 20 | | | | 44 | 43,8 | 43,5 | 43,1 | 42,3 | 41,2 | 39,4 | 37,1 | 34,4 | 31,4 | 28,8 | |
| B-NMS 65/200B | NM 65/20B/D | 18,5 | 25 | | | | 50,5 | 50,4 | 50,2 | 49,9 | 49,2 | 48,3 | 46,8 | 44,8 | 42,5 | 39,8 | 37,5 | |
| B-NMS 65/200A | NM 65/20A/A | 22 | 30 | | | | 57 | 57 | 57 | 56,5 | 56 | 55,5 | 54 | 52,5 | 50 | 47,5 | 45,5 | |
| B-NM 65/250C/B | NM 65/25C/A | 22 | 30 | | | | 61 | 61 | 60,5 | 60 | 58,5 | 57 | 54,5 | 51,5 | 47,5 | 43 | | |
| B-NMS 65/250B/A | NMS 65/250B/A | 30 | 40 | | | | 73,5 | 73,5 | 73,5 | 73,5 | 73 | 71,5 | 69,5 | 66,5 | 63 | 59 | | |
| B-NMS 65/250A/B | NMS 65/250A/B | 37 | 50 | | | | 86,5 | 86,5 | 87 | 86,5 | 86 | 85,5 | 83,5 | 81 | 78 | 74,5 | | |

| B-NM - B-NMS | NM - NMS | P ₂ | | Q m ³ /h | 75 | 84 | 96 | 108 | 120 | 132 | 150 | 168 | 180 | 192 | 210 | 240 | 270 | 300 |
|------------------|----------------|----------------|------|------------------------|-------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|------|
| | | kW | HP | | l/min | 1250 | 1400 | 1600 | 1800 | 2000 | 2200 | 2500 | 2800 | 3000 | 3200 | 3500 | 4000 | 4500 |
| B-NM 80/160E/B | NM 80/16E/B | 7,5 | 10 | | 21,5 | 20,9 | 19,9 | 18,7 | 17,4 | 15,9 | 13,4 | 10,6 | | | | | | |
| B-NM 80/160D/C | NM 80/16D/C | 9,2 | 12,5 | | 25,2 | 24,5 | 23,5 | 22,4 | 21,1 | 19,6 | 17,2 | 14,4 | | | | | | |
| B-NM 80/160C/C | NM 80/16C/C | 11 | 15 | | 28,7 | 28,2 | 27,4 | 26,4 | 25,1 | 23,8 | 21,3 | 18,5 | 16,4 | | | | | |
| B-NM 80/160B/C | NM 80/16B/C | 15 | 20 | | 34,8 | 34,5 | 33,8 | 33 | 32,1 | 30,9 | 28,9 | 26,4 | 24,5 | 22,4 | | | | |
| B-NM 80/16A | NM 80/16A/D | 18,5 | 25 | | 39,9 | 39,6 | 39 | 38,2 | 37,4 | 36,4 | 34,5 | 32,2 | 30,3 | 28,1 | | | | |
| B-NMS 80/200B/A | NM 80/20B | 22 | 30 | | 46,5 | 46 | 45,5 | 44,5 | 43,5 | 42 | 39* | 35,5* | 32* | | | | | |
| B-NMS 80/200A/A | NMS 80/200A | 30 | 40 | | 56 | 55,5 | 55 | 54 | 53 | 52 | 49,5* | 46* | 43* | | | | | |
| B-NMS 80/250E/A | NM 80/25E | 22 | 30 | | 51 | 50 | 48,5 | 46,5 | 44,5 | 42 | 38* | 33* | 29* | | | | | |
| B-NMS 80/250D/A | NMS 80/250D | 30 | 40 | | 65 | 64 | 62,5 | 61 | 59 | 56,5 | 53* | 49* | 45,5* | 41* | | | | |
| B-NMS 80/250C/A | NMS 80/250C/A | 37 | 50 | | 73,5 | 73 | 72 | 70,5 | 69 | 67 | 63* | 59* | 55,5* | 51,5* | | | | |
| B-NMS 80/250B/A | NMS 80/250B/A | 45 | 60 | | 84 | 83,5 | 82,5 | 81,5 | 80 | 78 | 74,5* | 70,5* | 67* | 63* | | | | |
| B-NMS 80/250A/A | NMS 80/250A/A | 55 | 75 | | 95 | 94,5 | 93,5 | 92,5 | 91,5 | 90 | 87,5* | 84* | 80,5* | 76,5* | | | | |
| B-NMS 100/200E/B | NM 100/20E/A | 18,5 | 25 | | | | 30 | 29,5 | 29 | 28 | 27 | 26 | 25 | 23 | 19* | | | |
| B-NMS 100/200D/A | NM 100/20D | 22 | 30 | | | | 36 | 35,5 | 35 | 34 | 33 | 32 | 31 | 29 | 24,5* | 19* | | |
| B-NMS 100/200C/A | NMS 100/200C | 30 | 40 | | | | 45 | 44,5 | 44 | 43,5 | 42,5 | 41,5 | 40,5 | 39 | 34,5* | 29* | 22° | |
| B-NMS 100/200B/A | NMS 100/200B/A | 37 | 50 | | | | 54 | 53,5 | 53 | 52,5 | 51,5 | 50,5 | 49,5 | 48 | 44* | 38,5* | 32° | |
| B-NMS 100/200A/A | NMS 100/200A/A | 45 | 60 | | | | 61,5 | 61 | 60,5 | 60 | 59,5 | 58,5 | 58 | 56,5 | 53* | 48* | 42° | |
| B-NMS 100/250B/A | NMS 100/250B/A | 55 | 75 | | | | 73,5 | 73 | 72,5 | 71,5 | 70 | 68,5 | 67 | 65 | 61* | 55,5* | 48,5° | |
| B-NMS 100/250A/A | NMS 100/250A/A | 75 | 100 | | | | 91 | 90,5 | 90 | 89,5 | 88,5 | 88 | 87 | 85 | 81* | 75* | 67° | |

NM(S) Standardní konstrukce.

B-NM(S) Bronzová konstrukce.

P₂ Jmenovitý výkon motoru.

★ Maximální sací výška 1-2m.

H Výtlacná výška v m.

○ Se sací výškou 1 m.

Tolerance v souladu s UNI EN ISO 9906:2012

Jmenovitý proud

| P ₂ | | 230V Δ / 400V Y | | | IA/IN |
|----------------|------|-----------------|------|------|-------|
| kW | HP | In A | In A | In A | |
| 0,55 | 0,75 | 4 | 2,3 | | 4,8 |
| 0,75 | 1 | 4 | 2,3 | | 6,1 |
| 1,1 | 1,5 | 4,6 | 2,7 | | 5,5 |
| 1,5 | 2 | 7,5 | 4,3 | | 6,1 |
| 2,2 | 3 | 9,2 | 5,3 | | 8,4 |
| 3 | 4 | 11,5 | 6,6 | | 8,2 |
| 4 | 5,5 | | 9,6 | 5,5 | 8,9 |
| 5,5 | 7,5 | | 10,8 | 6,2 | 9,1 |
| 7,5 | 10 | | 14,3 | 8,3 | 9,1 |
| 9,2 | 12,5 | | 18,5 | 10,7 | 8,2 |
| 11 | 15 | | 21,5 | 12,4 | 8,5 |
| 15 | 20 | | 27,3 | 15,8 | 9,5 |
| 18,5 | 25 | | 34 | 19,6 | 9,5 |
| 22 | 30 | | 41 | 23,7 | 9,5 |
| 30 | 40 | | 53 | 30,5 | 8,6 |
| 37 | 50 | | 65 | 37,5 | 7,1 |
| 45 | 60 | | 78 | 45 | 6,9 |
| 55 | 75 | | 95 | 55 | 6,7 |
| 75 | 100 | | 128 | 74 | 6,8 |

P₂ Jmenovitý výkon motoru

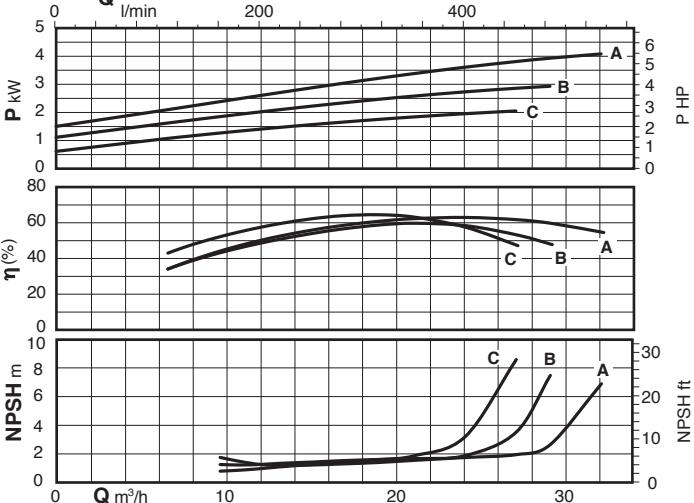
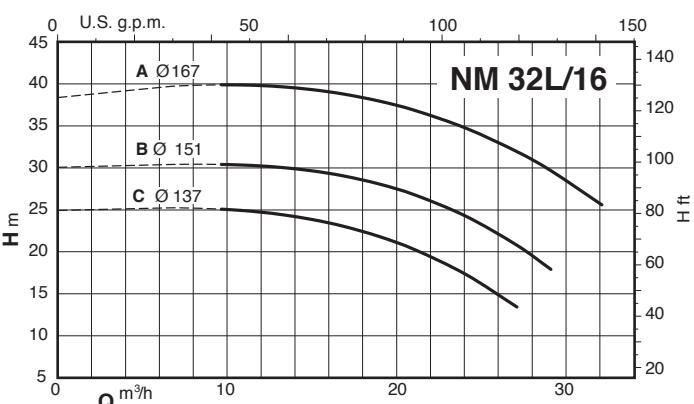
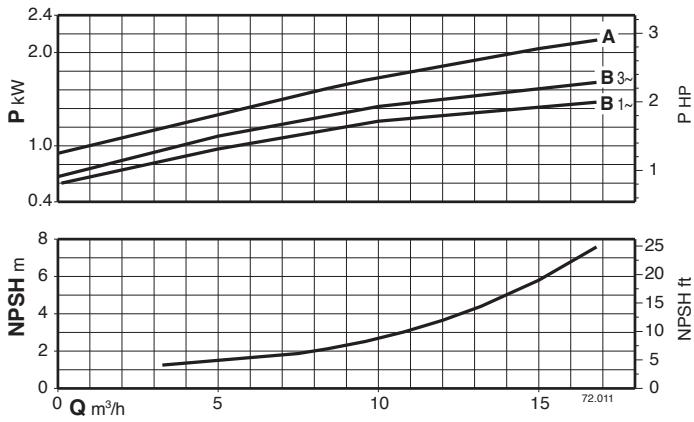
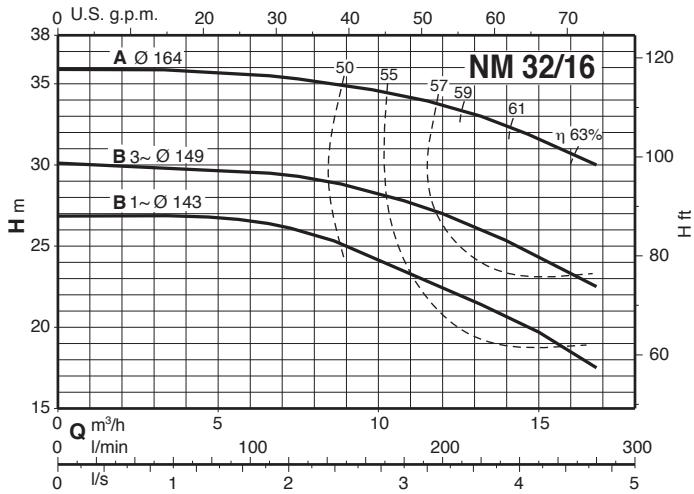
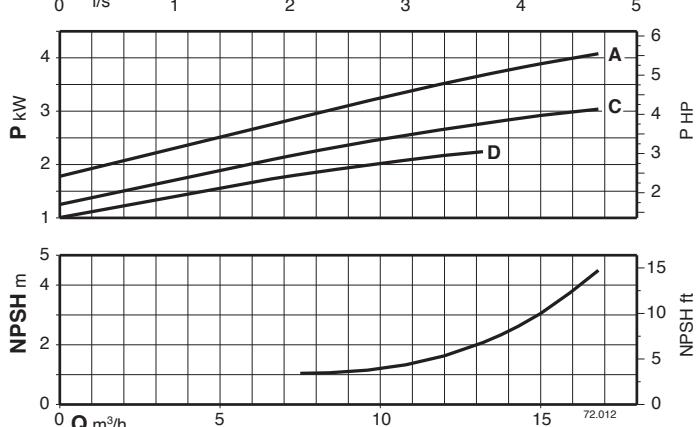
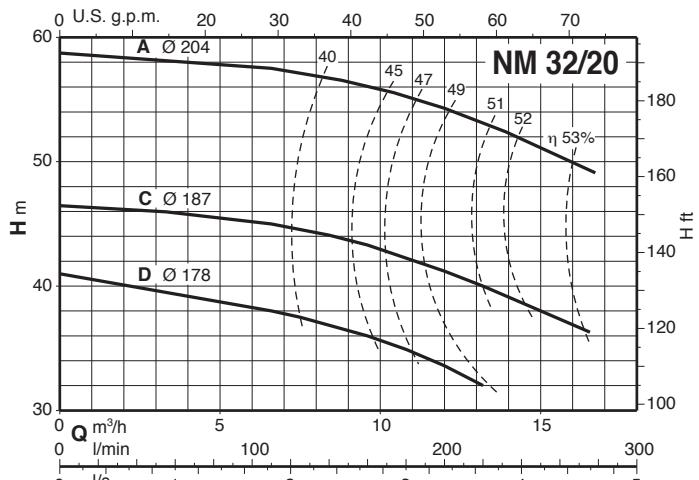
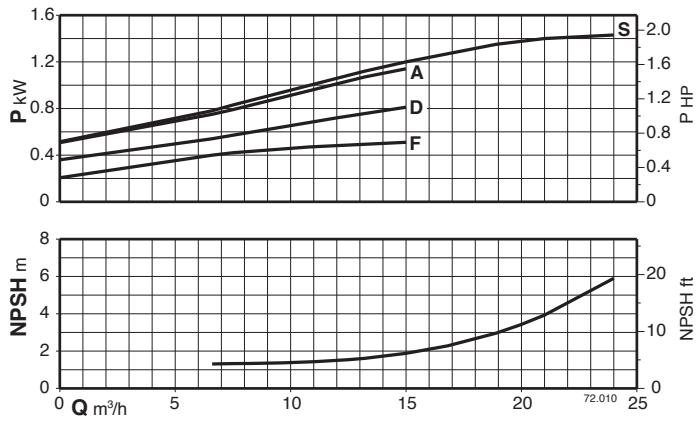
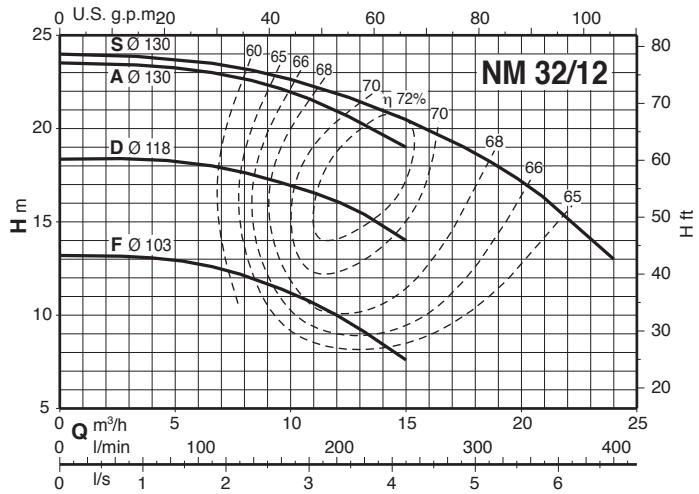
IA/IN D.O.L. zapínací proud / nominální proud

NM, NMS

Monobloková odstředivá čerpadla
s přírubovými hrdly

calpeda®

Výkonové křivky $n \approx 2\,900$ ot/min

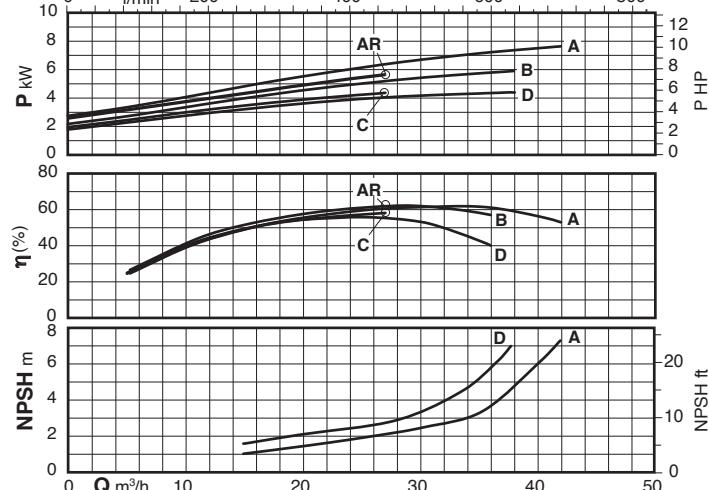
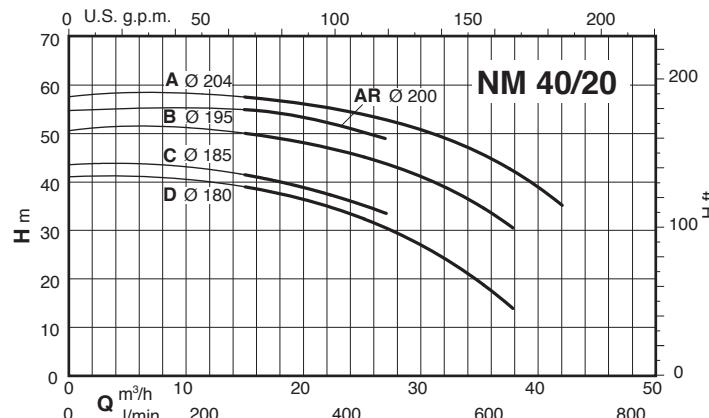
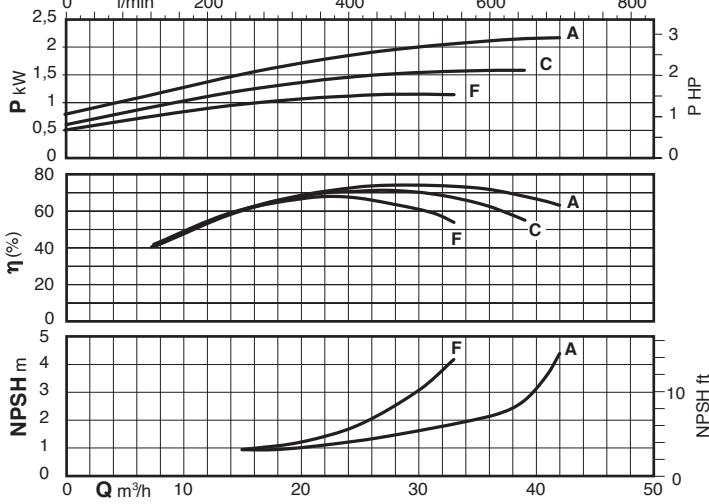
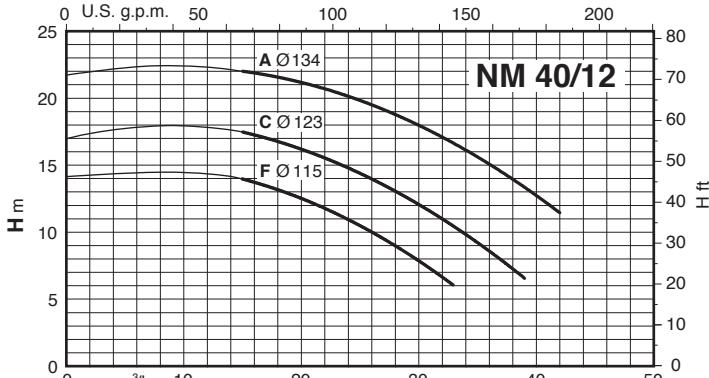
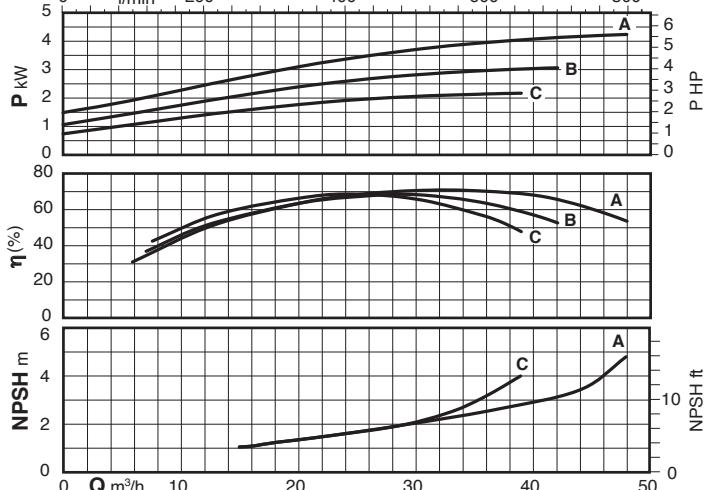
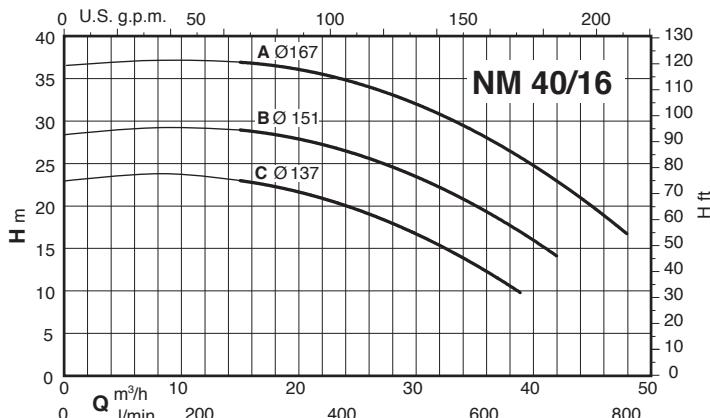
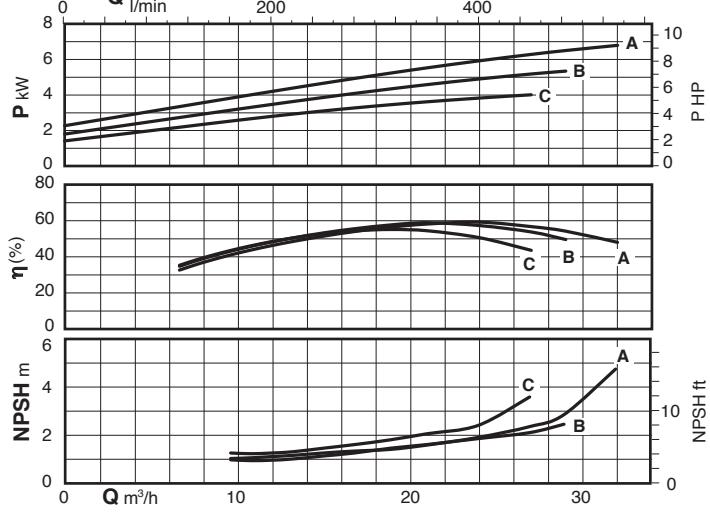
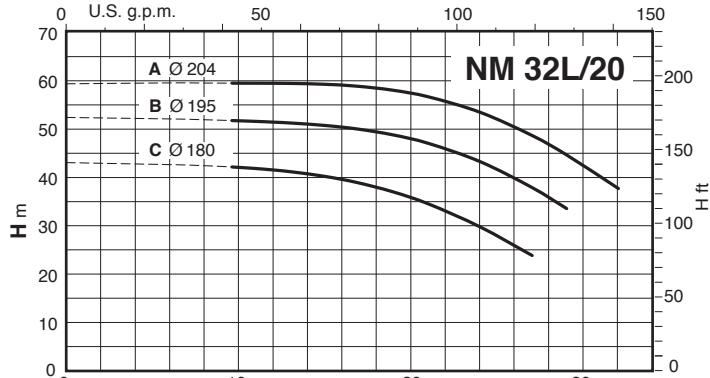


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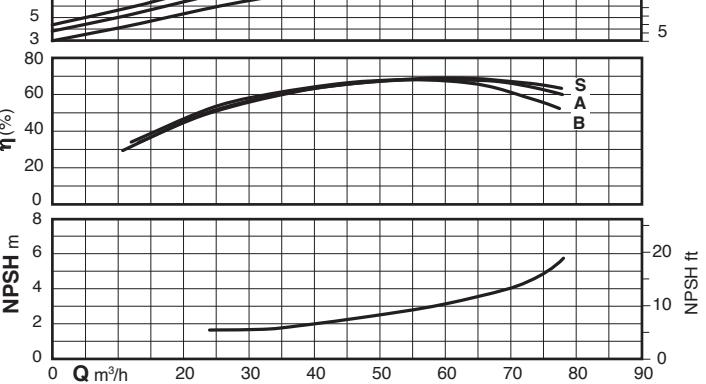
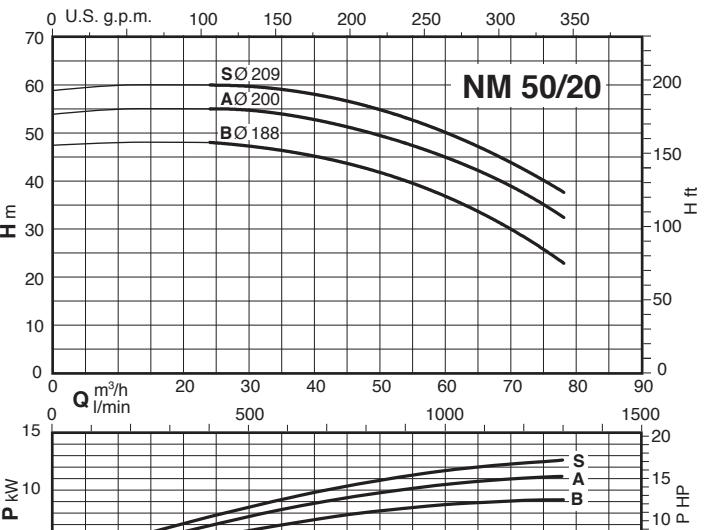
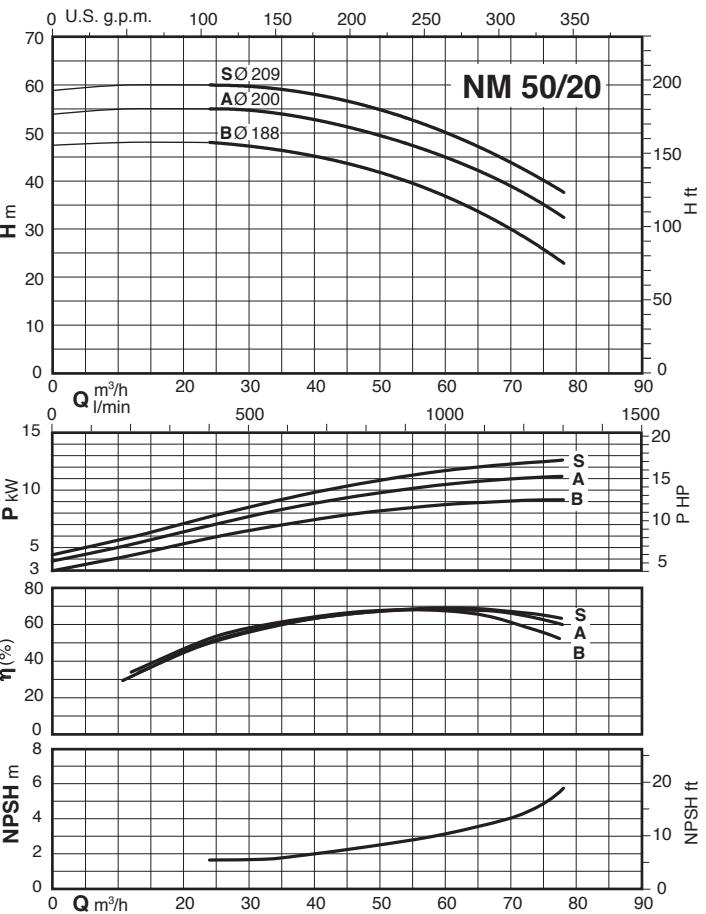
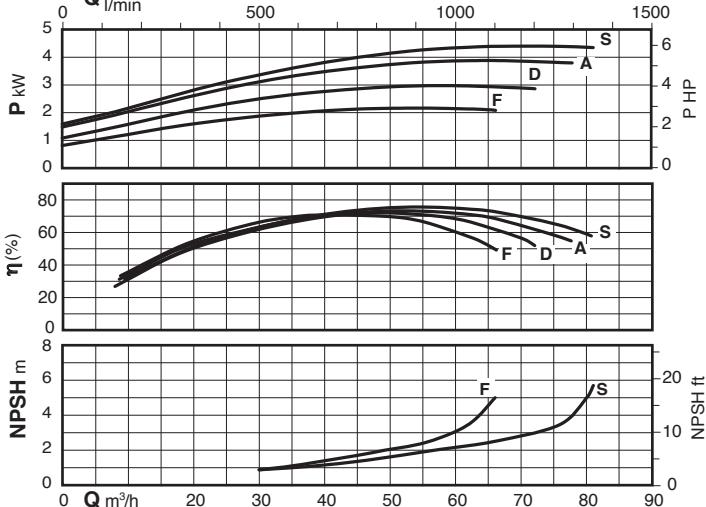
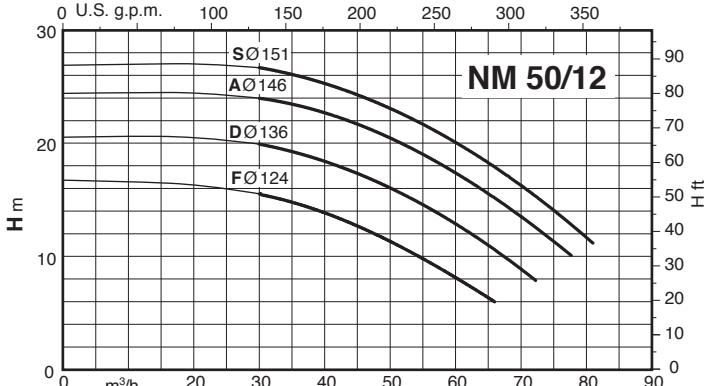
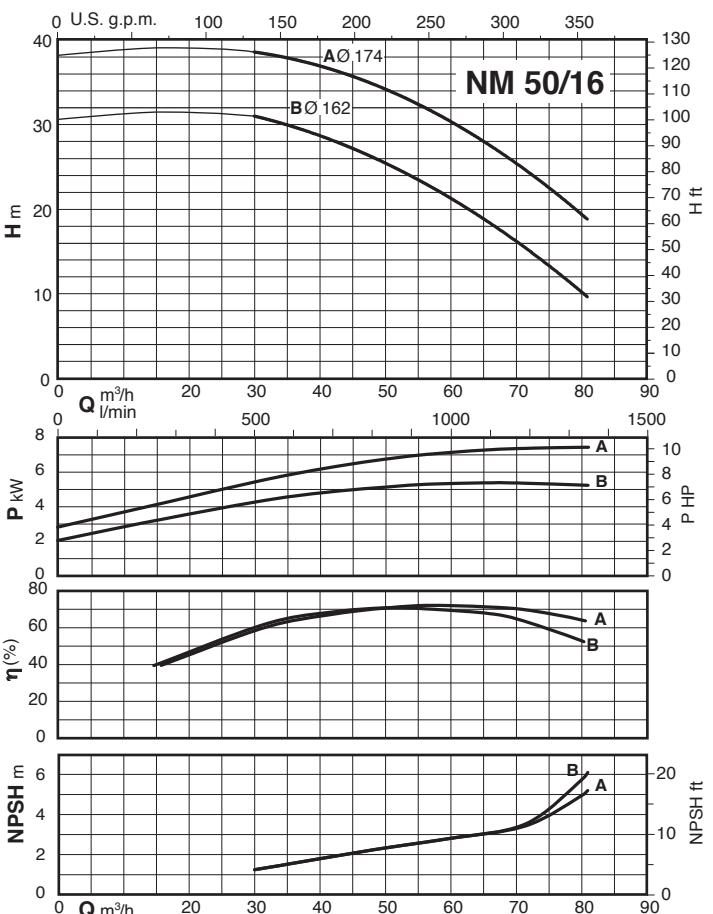
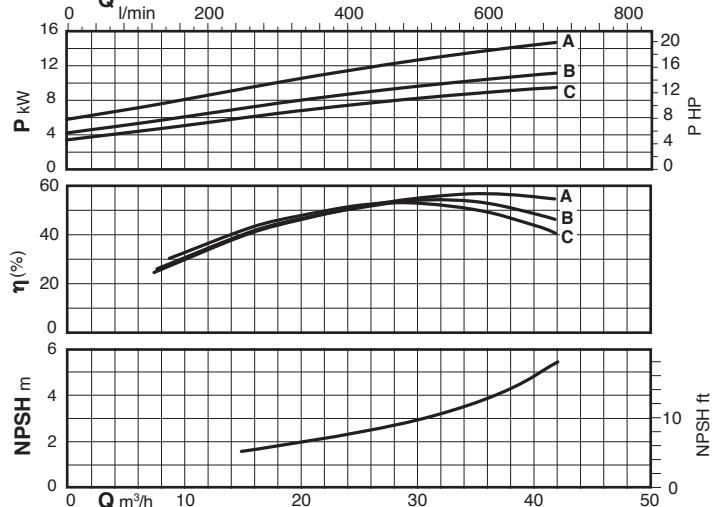
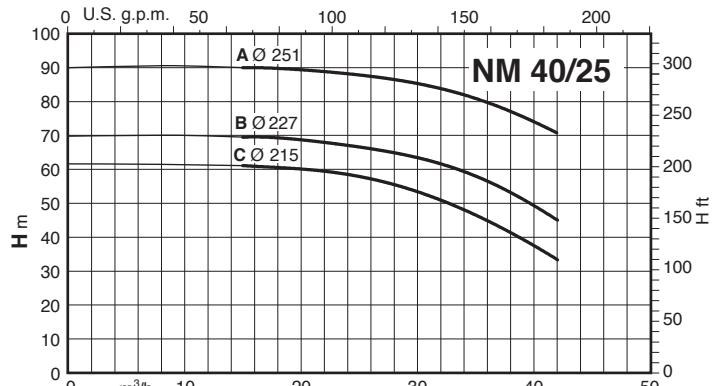


NM, NMS

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Výkonové křivky $n \approx 2\,900$ ot/min

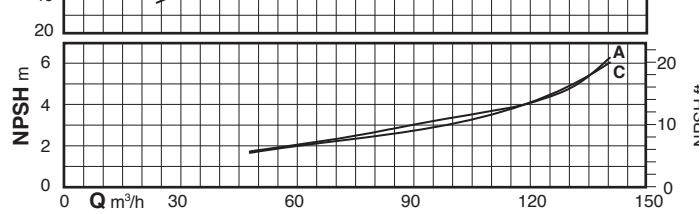
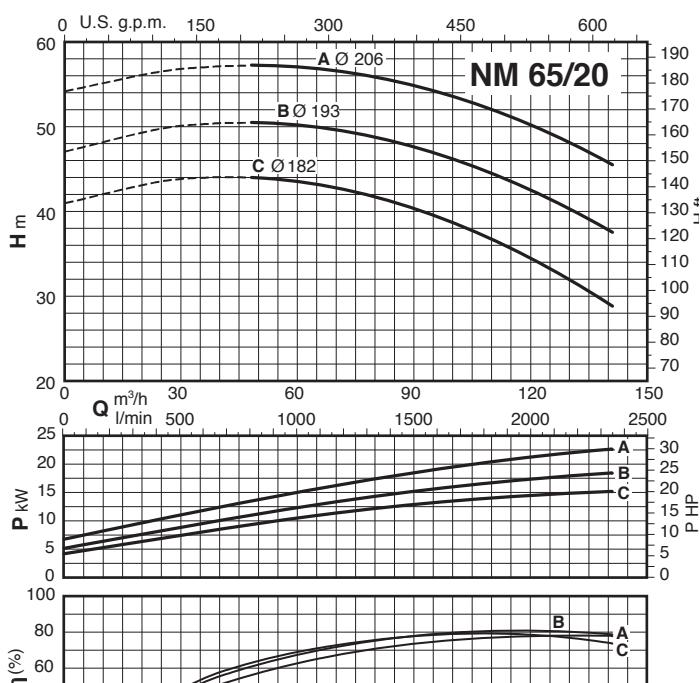
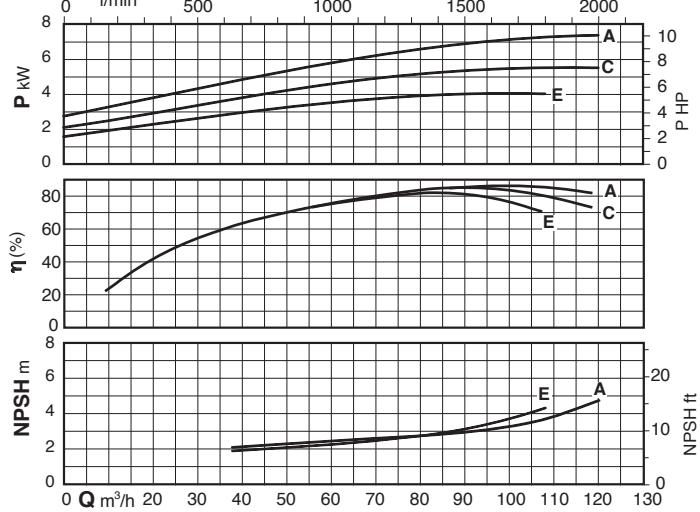
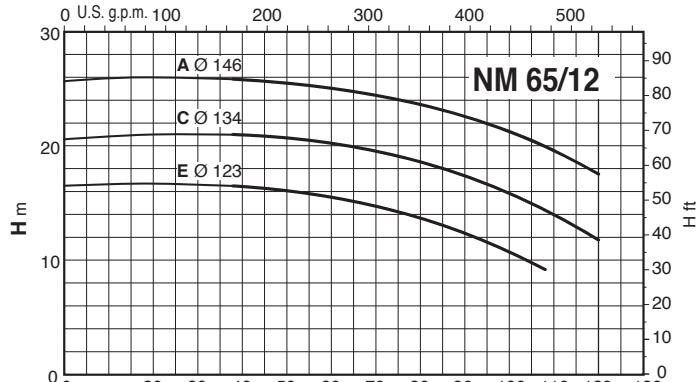
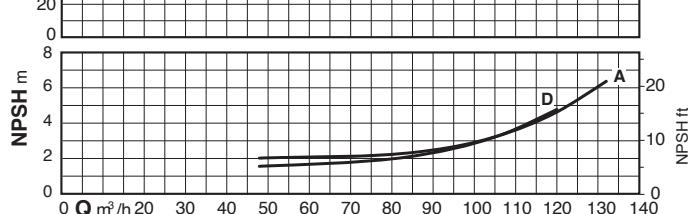
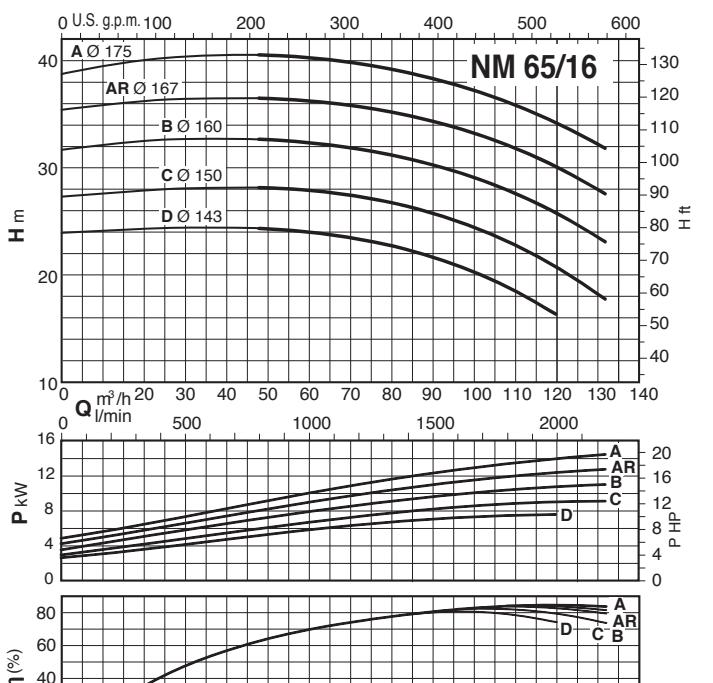
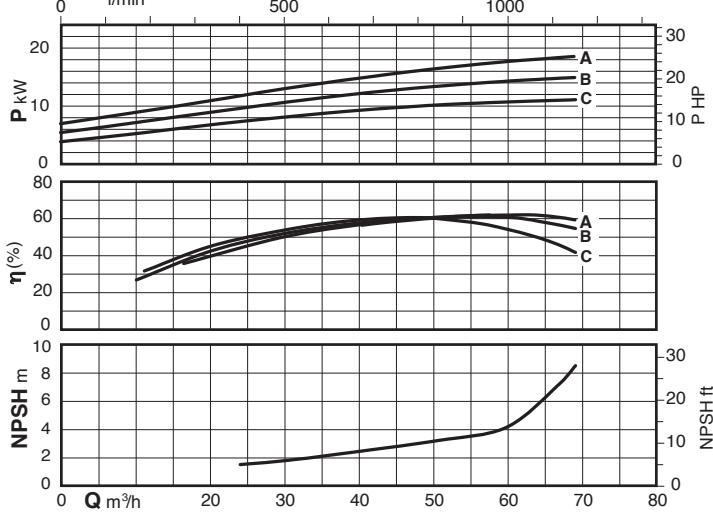
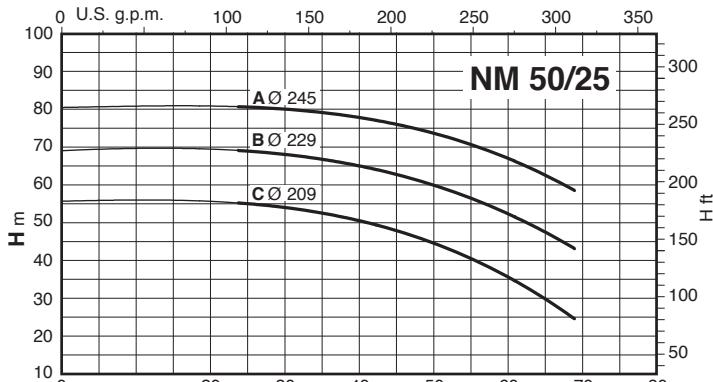


NM, NMS

Monobloková odstředivá čerpadla
s přírubovými hrdly



Výkonové křivky $n \approx 2\,900$ ot/min

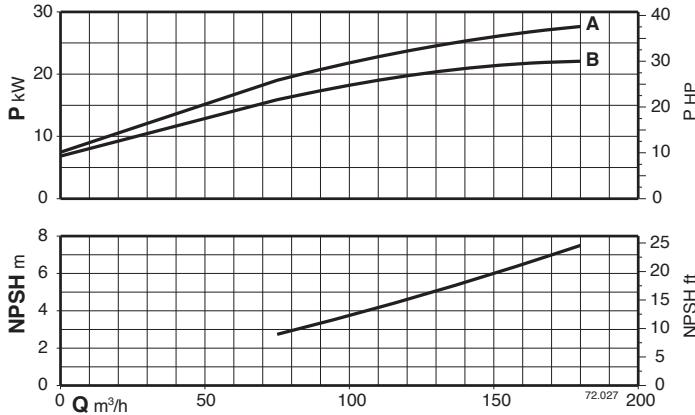
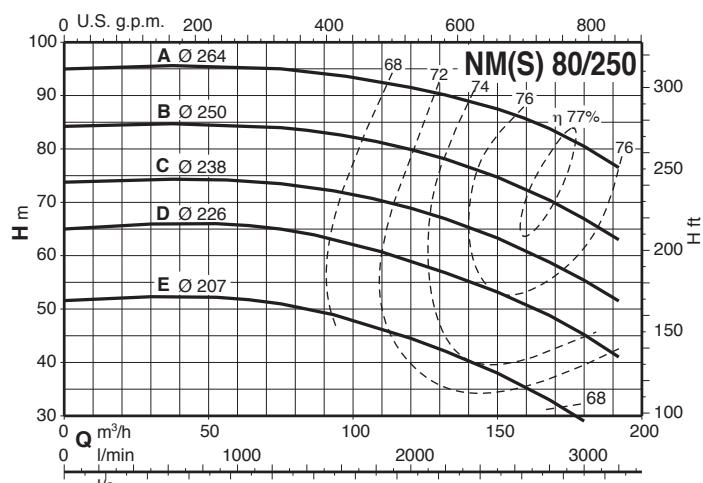
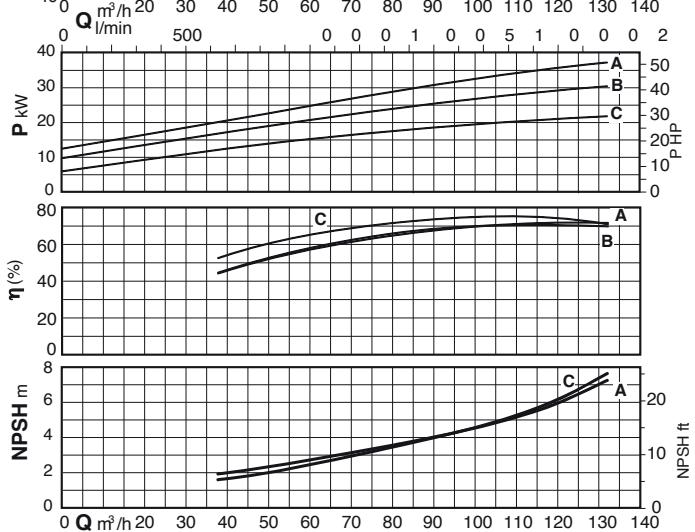
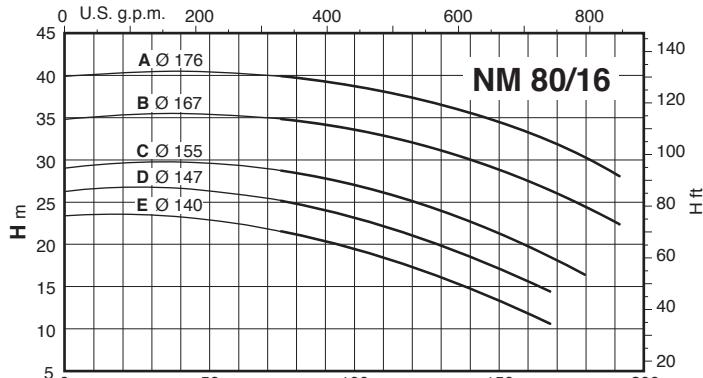
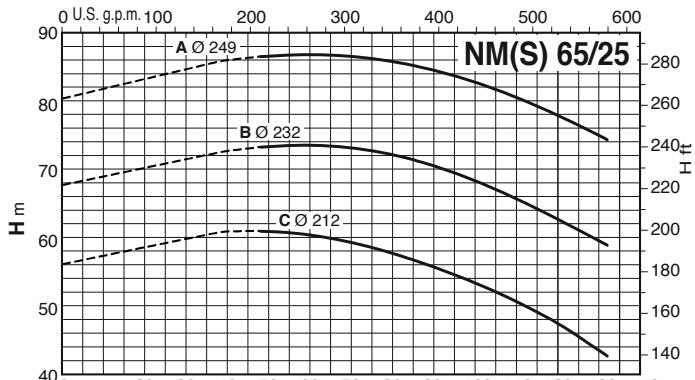


NM, NMS

Monobloková odstředivá čerpadla
s přírubovými hrdly



Výkonové křivky $n \approx 2\,900$ ot/min

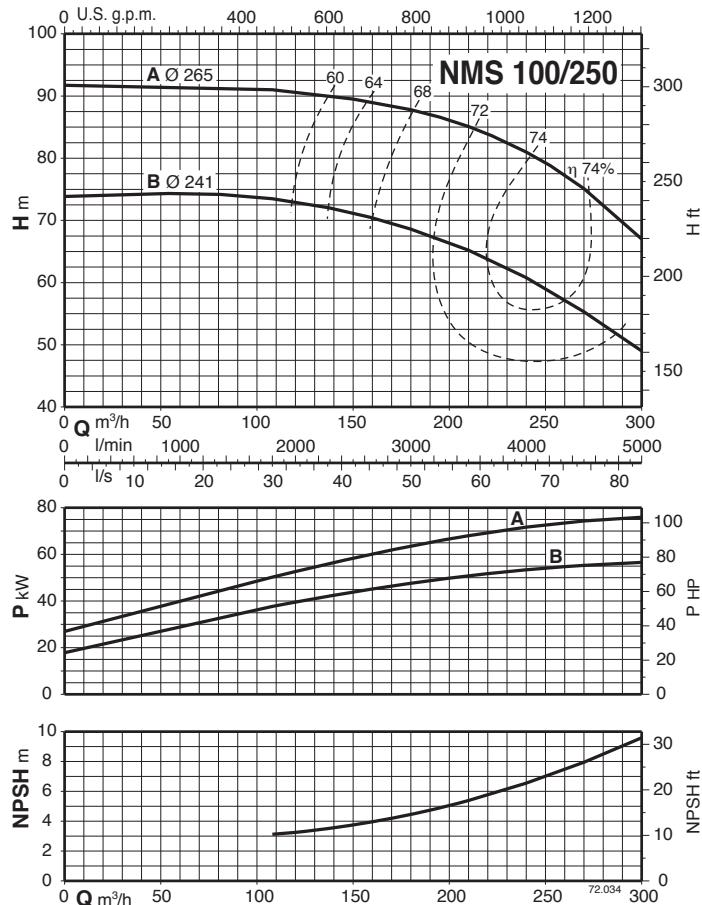
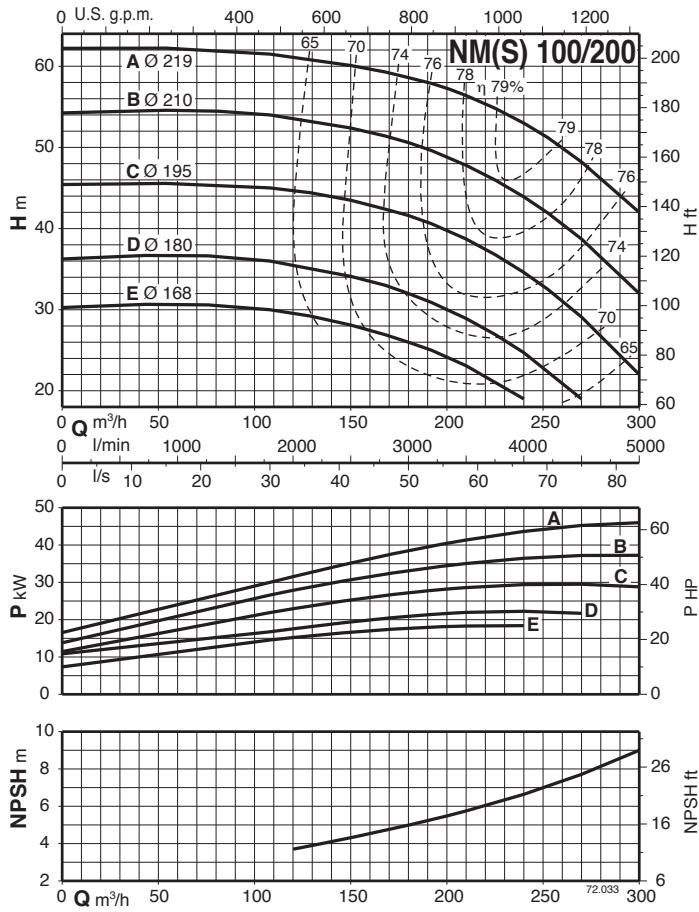


NM, NMS

Monobloková odstředivá čerpadla
s přírubovými hrdly

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Výkonové křivky $n \approx 2\,900$ ot/min



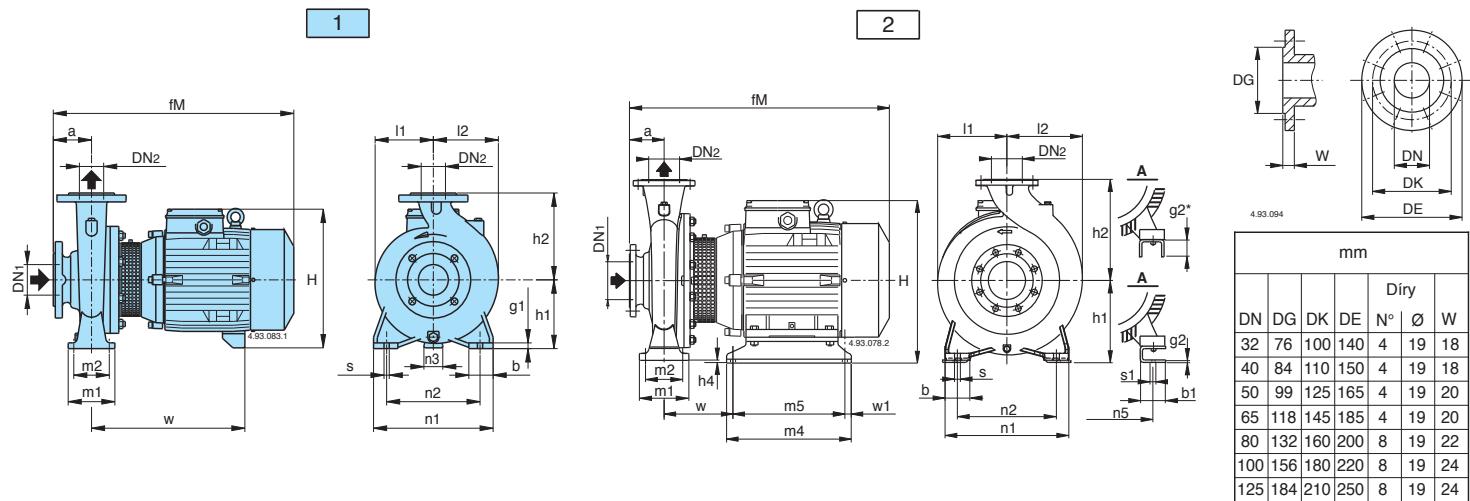
NM, NMS

Monobloková odstředivá čerpadla s přírubovými hrdly



Rozměry a hmotnosti

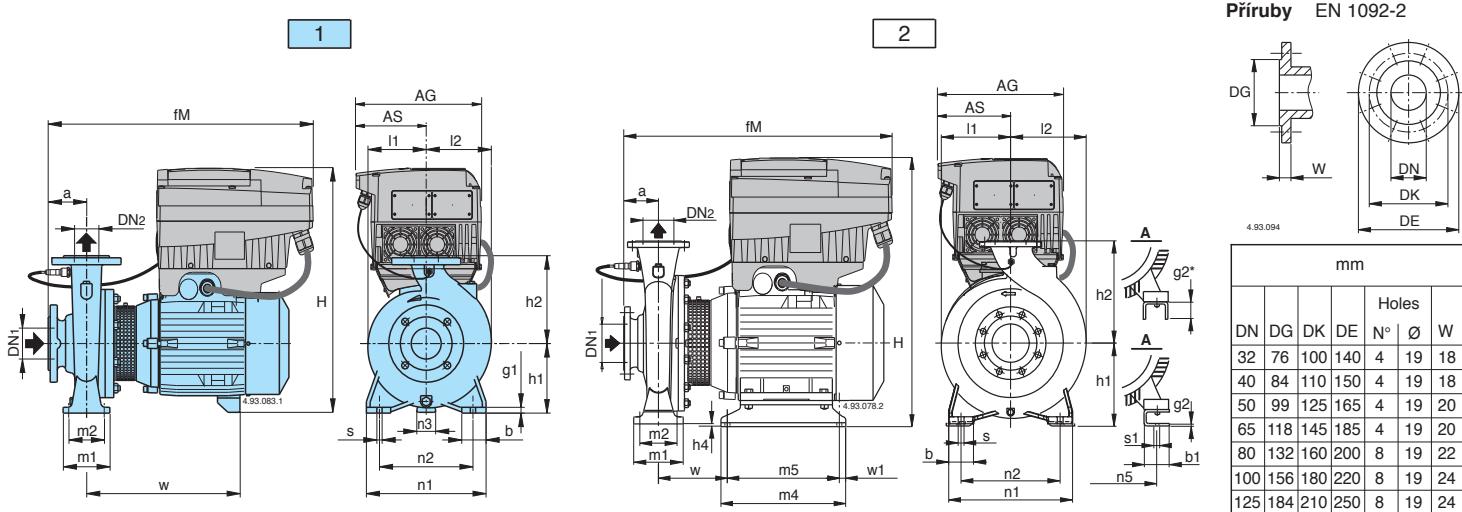
Příruby EN 1092-2



| Obrázek | NM | mm | | | | | | | | | | | | | | | | | | | | | | kg | | | | |
|---------|--------------------|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|----|-----|----|----|----|----|----|-----|-----|-----|-----|-----|----|-----|-----------|
| | | DN1 | DN2 | a | fM | h1 | h2 | H | h4 | m1 | m2 | n1 | n2 | n3 | n5 | w1 | b | b1 | s | s1 | I1 | I2 | w | m4 | m5 | g1 | g2 | |
| 1 | NM 32/12C-FE | 50 | 32 | 80 | 405 | 112 | 140 | 240 | - | 100 | 70 | 190 | 140 | 37 | - | - | 50 | - | 14 | - | 93 | 97 | 245 | - | - | 12 | - | 24-24 |
| | NM 32/12S/A-A/A | | | | | | | | | | | | | | | | | | | | | | | | | | | 27-26 |
| | NM 32/16B/A | 50 | 32 | 80 | 410 | 132 | 160 | 260 | - | 100 | 70 | 240 | 190 | 47 | - | - | 50 | - | 14 | - | 120 | 120 | 250 | - | - | 12 | - | 34 |
| | NM 32/16A/B | | | | | | | | | | | | | | | | | | | | | | | | | | | 39 |
| | NM 32/20D/B | 50 | 32 | 80 | 450 | 160 | 180 | 288 | - | 100 | 70 | 240 | 190 | 62 | - | - | 50 | - | 14 | - | 140 | 140 | 290 | - | - | 12 | - | 42 |
| | NM 32/20C/A | | | | | | | | | | | | | | | | | | | | | | | | | | | 47 |
| | NM 32/20A/B | | | | | | | | | | | | | | | | | | | | | | | | | | | 51 |
| | NM 32L/16C | 50 | 32 | 80 | 450 | 132 | 160 | 260 | - | 100 | 70 | 240 | 190 | 47 | - | - | 50 | - | 14 | - | 121 | 121 | 295 | - | - | 10 | - | 38,6 |
| | NM 32L/16B | | | | | | | | | | | | | | | | | | | | | | | | | | | 45,6 |
| | NM 32L/16A | | | | | | | | | | | | | | | | | | | | | | | | | | | 47,6 |
| | NM 32L/20C | 50 | 32 | 80 | 475 | 160 | 180 | 298 | - | 100 | 70 | 240 | 190 | 60 | - | - | 50 | - | 14 | - | 142 | 142 | 295 | - | - | 12 | - | 52 |
| | NM 32L/20A-B | | | | | | | | | | | | | | | | | | | | | | | | | | | 72-66 |
| 2 | NM 40/12C/B-F/B | 65 | 40 | 80 | 410 | 112 | 140 | 240 | - | 100 | 70 | 210 | 160 | 37 | - | - | 50 | - | 14 | - | 100 | 113 | 250 | - | - | 12 | - | 29-27 |
| | NM 40/12A/C | | | | | | | | | | | | | | | | | | | | | | | | | | | 32 |
| | NM 40/16C/C | 65 | 40 | 80 | 450 | 132 | 160 | 260 | - | 100 | 70 | 240 | 190 | 47 | - | - | 50 | - | 14 | - | 121 | 122 | 290 | - | - | 10 | - | 39 |
| | NM 40/16B/B | | | | | | | | | | | | | | | | | | | | | | | | | | | 46 |
| | NM 40/16A/C | | | | | | | | | | | | | | | | | | | | | | | | | | | 48 |
| | NM 40/20C/B-D/B | 65 | 40 | 100 | 495 | 160 | 180 | 298 | - | 100 | 70 | 265 | 212 | 60 | - | - | 50 | - | 14 | - | 142 | 142 | 295 | - | - | 12 | - | 54-53 |
| | NM 40/20A/AR/A-B/A | | | | | | | | | | | | | | | | | | | | | | | | | | | 73-67-67 |
| | NM 40/25C/C | 65 | 40 | 100 | 640 | 180 | 225 | 365 | - | 125 | 95 | 320 | 250 | 50 | - | - | 65 | - | 14 | - | 175 | 175 | 400 | - | - | 15 | - | 108 |
| | NM 40/25B/C | | | | | | | | | | | | | | | | | | | | | | | | | | | 117 |
| | NM 40/25A/C | | | | | | | | | | | | | | | | | | | | | | | | | | | 139 |
| | NM 50/12F/C | 65 | 50 | 100 | 470 | 132 | 160 | 260 | - | 100 | 70 | 240 | 190 | 47 | - | - | 50 | - | 14 | - | 122 | 137 | 290 | - | - | 10 | - | 40 |
| | NM 50/12D/B | | | | | | | | | | | | | | | | | | | | | | | | | | | 47 |
| | NM 50/12A/C-S/C | | | | | | | | | | | | | | | | | | | | | | | | | | | 50,5-50,6 |
| 3 | NM 50/16A/B-B/B | 65 | 50 | 100 | 528 | 160 | 180 | 320 | - | 100 | 70 | 265 | 212 | 49 | - | - | 50 | - | 14 | - | 126 | 140 | 279 | - | - | 12 | - | 70,5-64 |
| | NM 50/20B/C | | | | | | | | | | | | | | | | | | | | | | | | | | | 100 |
| | NM 50/20A/C | | | | | | | | | | | | | | | | | | | | | | | | | | | 109 |
| | NM 50/20S/C | | | | | | | | | | | | | | | | | | | | | | | | | | | 131 |
| 4 | NM 50/25C/C | 65 | 50 | 100 | 695 | 180 | 225 | 365 | - | 125 | 95 | 320 | 250 | 50 | - | - | 65 | - | 14 | - | 175 | 175 | 465 | - | - | 15 | - | 122 |
| | NM 50/25B/C | | | | | | | | | | | | | | | | | | | | | | | | | | | 145 |
| 2 | NM 50/25A/D | 65 | 50 | 100 | 766 | 180 | 225 | 386 | - | 125 | 95 | 320 | 250 | - | 254 | 20 | 65 | 60 | 14 | 15 | 175 | 175 | 166 | 394 | 354 | - | 20* | - |
| 5 | NM 65/12E/C | 80 | 65 | 100 | 500 | 160 | 180 | 298 | - | 125 | 95 | 280 | 212 | 60 | - | - | 65 | - | 14 | - | 130 | 154 | 300 | - | - | 12 | - | 51,9 |
| | NM 65/12A/B-C/B | | | | | | | | | | | | | | | | | | | | | | | | | | | 70,7-64,7 |
| | NM 65/16D/B | 80 | 65 | 100 | 528 | 160 | 200 | 320 | - | 125 | 95 | 280 | 212 | 49 | - | - | 65 | - | 14 | - | 140 | 161 | 279 | - | - | 12 | - | 70,5 |
| | NM 65/16C/C | | | | | | | | | | | | | | | | | | | | | | | | | | | 93 |
| 6 | NM 65/16B/C | 80 | 65 | 100 | 640 | 160 | 200 | 345 | - | 125 | 95 | 280 | 212 | 40 | - | - | 50 | - | 14 | - | 140 | 153 | 400 | - | - | 15 | - | 410 |
| | NM 65/16A/C-AR | | | | | | | | | | | | | | | | | | | | | | | | | | | 410 |
| | NM 65/20C/C | 80 | 65 | 100 | 715 | 180 | 225 | 365 | - | 125 | 95 | 320 | 250 | 50 | - | - | 65 | - | 14 | - | 175 | 175 | 465 | - | - | 15 | - | 122 |
| 7 | NM 65/20A/A-B/D | 80 | 65 | 100 | 762 | 180 | 225 | 386 | - | 125 | 95 | 320 | 250 | - | 254 | 20 | 65 | 60 | 14 | 15 | 159 | 179 | 460 | - | - | 12 | - | 134 |
| | NM 65/25C/A | | | | | | | | | | | | | | | | | | | | | | | | | | | 187 |
| 8 | NM 80/16E/B | 100 | 80 | 125 | 553 | 180 | 225 | 340 | - | 125 | 95 | 320 | 250 | 60 | - | - | 65 | - | 14 | - | 153 | 181 | 279 | - | - | 12 | - | 77,5 |
| | NM 80/16D/C | | | | | | | | | | | | | | | | | | | | | | | | | | | 101 |
| | NM 80/16C/C | 100 | 80 | 125 | 670 | 180 | 225 | 365 | - | 125 | 95 | 320 | 250 | 50 | - | - | 65 | - | 14 | - | 153 | 181 | 415 | - | - | 12 | - | 120 |
| | NM 80/16B/C | | | | | | | | | | | | | | | | | | | | | | | | | | | 132 |
| 9 | NM 80/16A/D | 100 | 80 | 125 | 789 | 180 | 225 | 386 | - | 125 | 95 | 320 | 250 | - | 254 | 20 | 65 | 60 | 14 | 15 | 153 | 181 | 164 | 394 | 354 | - | 20* | - |
| | NM 80/20B | | | | | | | | | | | | | | | | | | | | | | | | | | | 180 |
| | NM 80/25E | 100 | 80 | 125 | 787 | 202 | 250 | 408 | 22 | 125 | 95 | 345 | 280 | - | 254 | 20 | 65 | 90 | 18 | 14 | 170 | 194 | 182 | 400 | 360 | - | 42* | 180 |
| | NM 100/20D-E/A | 125 | 100 | 125 | 787 | 200 | 280 | 406 | - | 160 | 120 | 360 | 280 | - | 254 | 20 | 80 | 90 | 18 | 15 | 180 | 212 | 162 | 394 | 354 | - | 40* | -- |

Čerpadlo s ucpávkou, velikosti dostupné na dotaz. (neplatí pro MNS)

Rozměry a hmotnosti



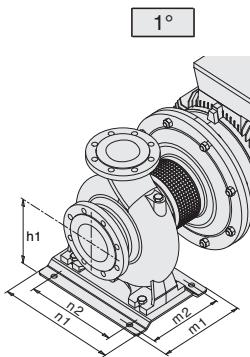
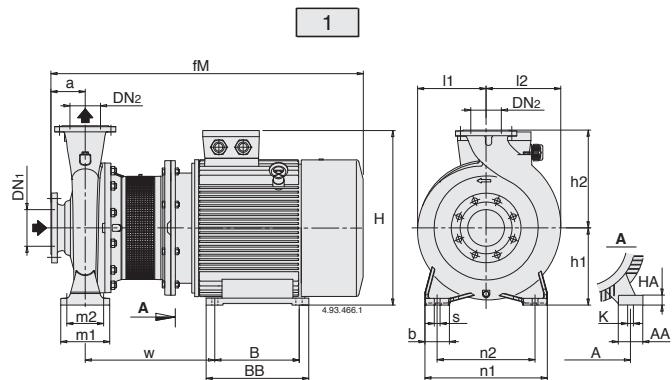
| Obrázek | NM EI | mm | | | | | | | | | | | | | | | | | | | | | | kg | | | | | | |
|---------|---------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|----|-----|-----|----|-----|----|----|----|----|----|-----|-----|-----|-----|-----|----|-----|-----------|
| | | DN1 | DN2 | a | fM | AG | AS | h1 | h2 | H | h4 | m1 | m2 | n1 | n2 | n3 | n5 | w1 | b | b1 | s | s1 | I1 | I2 | w | m4 | m5 | g1 | g2 | |
| 1 | NM EI 32/12DE-FE | 50 | 32 | 80 | 435 | 190 | 105 | 112 | 140 | 398 | - | 100 | 70 | 190 | 140 | 37 | - | - | 50 | - | 14 | - | 93 | 97 | 245 | - | - | 12 | - | 30,4-30,4 |
| | NM EI 32/12S/A-A/A | 50 | 32 | 80 | 440 | 190 | 105 | 132 | 160 | 418 | - | 100 | 70 | 240 | 190 | 47 | - | - | 50 | - | 14 | - | 120 | 120 | 250 | - | - | 12 | - | 32,4-33,4 |
| | NM EI 32/16B/A | 50 | 32 | 80 | 470 | 210 | 118 | 132 | 160 | 418 | - | 100 | 70 | 240 | 190 | 62 | - | - | 50 | - | 14 | - | 120 | 120 | 250 | - | - | 12 | - | 40,4 |
| | NM EI 32/16A/B | 50 | 32 | 80 | 470 | 210 | 118 | 160 | 180 | 446 | - | 100 | 70 | 240 | 190 | 60 | - | - | 50 | - | 14 | - | 120 | 120 | 250 | - | - | 12 | - | 46,5 |
| | NM EI 32/20D/B | 50 | 32 | 80 | 485 | 210 | 118 | 160 | 180 | 454 | - | 100 | 70 | 240 | 190 | 60 | - | - | 50 | - | 14 | - | 140 | 140 | 290 | - | - | 12 | - | 49,5 |
| | NM EI 32/20C/A | 50 | 32 | 80 | 485 | 210 | 118 | 160 | 180 | 454 | - | 100 | 70 | 240 | 190 | 60 | - | - | 50 | - | 14 | - | 140 | 140 | 295 | - | - | 12 | - | 54,5 |
| | NM EI 32/20A/B | 50 | 32 | 80 | 485 | 210 | 118 | 132 | 160 | 418 | - | 100 | 70 | 240 | 190 | 47 | - | - | 50 | - | 14 | - | 120 | 120 | 295 | - | - | 12 | - | 59 |
| | NM EI 32L/16C | 50 | 32 | 80 | 470 | 210 | 118 | 132 | 160 | 426 | - | 100 | 70 | 240 | 190 | 45 | - | - | 50 | - | 14 | - | 121 | 121 | 290 | - | - | 10 | - | 46,1 |
| | NM EI 32L/16B | 50 | 32 | 80 | 485 | 210 | 118 | 132 | 160 | 426 | - | 100 | 70 | 240 | 190 | 45 | - | - | 50 | - | 14 | - | 121 | 121 | 295 | - | - | 10 | - | 53,1 |
| | NM EI 32L/16A | 50 | 32 | 80 | 485 | 210 | 118 | 132 | 160 | 426 | - | 100 | 70 | 240 | 190 | 45 | - | - | 50 | - | 14 | - | 121 | 121 | 295 | - | - | 10 | - | 55,6 |
| | NM EI 32L/20C | 50 | 32 | 80 | 485 | 210 | 118 | 160 | 180 | 454 | - | 100 | 70 | 240 | 190 | 60 | - | - | 50 | - | 14 | - | 142 | 142 | 295 | - | - | 12 | - | 60 |
| | NM EI 32L/20B | 50 | 32 | 80 | 508 | 281 | 153 | 160 | 180 | 482 | - | 100 | 70 | 240 | 190 | 49 | - | - | 50 | - | 14 | - | 142 | 142 | 279 | - | - | 12 | - | 74 |
| | NM EI 32L/20A | 50 | 32 | 80 | 515 | 281 | 153 | 160 | 180 | 528 | - | 100 | 70 | 240 | 190 | 49 | - | - | 50 | - | 14 | - | 142 | 142 | 279 | - | - | 12 | - | 86,8 |
| | NM EI 40/12C/B-F/B | 65 | 40 | 80 | 440 | 190 | 105 | 112 | 140 | 398 | - | 100 | 70 | 210 | 160 | 37 | - | - | 50 | - | 14 | - | 100 | 113 | 250 | - | - | 12 | - | 33,4-35,4 |
| | NM EI 40/12A/C | 65 | 40 | 80 | 470 | 210 | 118 | 132 | 160 | 418 | - | 100 | 70 | 240 | 190 | 47 | - | - | 50 | - | 14 | - | 121 | 122 | 290 | - | - | 10 | - | 39,5 |
| | NM EI 40/16C/C | 65 | 40 | 80 | 470 | 210 | 118 | 132 | 160 | 426 | - | 100 | 70 | 240 | 190 | 45 | - | - | 50 | - | 14 | - | 121 | 122 | 295 | - | - | 10 | - | 46,5 |
| | NM EI 40/16B/B | 65 | 40 | 80 | 485 | 210 | 118 | 132 | 160 | 426 | - | 100 | 70 | 240 | 190 | 45 | - | - | 50 | - | 14 | - | 121 | 122 | 295 | - | - | 10 | - | 53,5 |
| | NM EI 40/16A/C | 65 | 40 | 100 | 505 | 210 | 118 | 160 | 180 | 454 | - | 100 | 70 | 265 | 212 | 60 | - | - | 50 | - | 14 | - | 142 | 142 | 295 | - | - | 12 | - | 56 |
| | NM EI 40/20C/B-D/B | 65 | 40 | 100 | 505 | 281 | 153 | 160 | 180 | 482 | - | 100 | 70 | 265 | 212 | 49 | - | - | 50 | - | 14 | - | 142 | 142 | 279 | - | - | 12 | - | 61-62 |
| | NM EI 40/20AR/A-B/A | 65 | 40 | 100 | 528 | 281 | 153 | 160 | 180 | 528 | - | 100 | 70 | 265 | 212 | 49 | - | - | 50 | - | 14 | - | 142 | 142 | 279 | - | - | 12 | - | 75-75 |
| | NM EI 40/20A/A | 65 | 40 | 100 | 535 | 281 | 153 | 160 | 180 | 528 | - | 100 | 70 | 265 | 212 | 49 | - | - | 50 | - | 14 | - | 175 | 175 | 460 | - | - | 15 | - | 87,8 |
| | NM EI 40/25C/C | 65 | 40 | 100 | 640 | 281 | 153 | 180 | 225 | 573 | - | 125 | 95 | 320 | 250 | 50 | - | - | 65 | - | 14 | - | 175 | 175 | 460 | - | - | 15 | - | 122,8 |
| | NM EI 40/25B/C | 65 | 40 | 100 | 690 | 281 | 153 | 180 | 225 | 573 | - | 125 | 95 | 320 | 250 | 50 | - | - | 65 | - | 14 | - | 175 | 175 | 460 | - | - | 15 | - | 131,8 |
| | NM EI 40/25A/C | 65 | 40 | 100 | 738 | 350 | 190 | 180 | 225 | 573 | - | 125 | 95 | 320 | 250 | 50 | - | - | 65 | - | 14 | - | 175 | 175 | 460 | - | - | 15 | - | 166,8 |
| | NM EI 50/12F/C | 65 | 50 | 100 | 490 | 210 | 118 | 132 | 160 | 418 | - | 100 | 70 | 240 | 190 | 47 | - | - | 50 | - | 14 | - | 122 | 137 | 290 | - | - | 10 | - | 47,5 |
| | NM EI 50/12D/B | 65 | 50 | 100 | 505 | 210 | 118 | 132 | 160 | 426 | - | 100 | 70 | 240 | 190 | 45 | - | - | 50 | - | 14 | - | 122 | 137 | 295 | - | - | 10 | - | 54,5 |
| | NM EI 50/12A/C-S/C | 65 | 50 | 100 | 505 | 281 | 153 | 160 | 180 | 426 | - | 100 | 70 | 265 | 212 | 49 | - | - | 50 | - | 14 | - | 142 | 142 | 295 | - | - | 10 | - | 57-57 |
| | NM EI 50/16B/B | 65 | 50 | 100 | 528 | 281 | 153 | 160 | 180 | 482 | - | 100 | 70 | 265 | 212 | 49 | - | - | 50 | - | 14 | - | 126 | 140 | 279 | - | - | 12 | - | 72 |
| | NM EI 50/16A/B | 65 | 50 | 100 | 535 | 281 | 153 | 160 | 180 | 528 | - | 100 | 70 | 265 | 212 | 49 | - | - | 50 | - | 14 | - | 126 | 140 | 279 | - | - | 12 | - | 85,3 |
| | NM EI 50/20B/C | 65 | 50 | 100 | 640 | 281 | 153 | 160 | 200 | 553 | - | 100 | 70 | 265 | 212 | 40 | - | - | 50 | - | 14 | - | 140 | 153 | 460 | - | - | 15 | - | 114,8 |
| | NM EI 50/20A/C | 65 | 50 | 100 | 690 | 281 | 153 | 160 | 200 | 553 | - | 100 | 70 | 265 | 212 | 40 | - | - | 50 | - | 14 | - | 140 | 153 | 460 | - | - | 15 | - | 123,8 |
| | NM EI 50/20S/C | 65 | 50 | 100 | 738 | 350 | 190 | 180 | 225 | 553 | - | 125 | 95 | 320 | 250 | 50 | - | - | 65 | - | 14 | - | 175 | 175 | 465 | - | - | 15 | - | 166 |
| | NM EI 50/25C/C | 65 | 50 | 100 | 695 | 281 | 153 | 180 | 225 | 533 | - | 125 | 95 | 320 | 250 | 50 | - | - | 65 | - | 14 | - | 175 | 175 | 465 | - | - | 15 | - | 136,8 |
| | NM EI 50/25B/C | 65 | 50 | 100 | 743 | 350 | 190 | 180 | 225 | 533 | - | 125 | 95 | 320 | 250 | 50 | - | - | 65 | - | 14 | - | 175 | 175 | 465 | - | - | 15 | - | 180 |
| 2 | NM EI 50/25A/D | 65 | 50 | 100 | 769 | 350 | 190 | 180 | 225 | 671 | - | 125 | 95 | 320 | 250 | - | 254 | 20 | 65 | 60 | 14 | 15 | 175 | 175 | 166 | 394 | 354 | 15 | 20* | - |
| | NM EI 65/12E/C | 80 | 65 | 100 | 510 | 210 | 118 | 160 | 180 | 482 | - | 125 | 95 | 280 | 212 | 49 | - | - | 65 | - | 14 | - | 130 | 154 | 300 | - | - | 12 | - | 59,9 |
| 2 | NM EI 65/12C/B | 80 | 65 | 100 | 533 | 281 | 153 | 160 | 180 | 528 | - | 125 | 95 | 280 | 212 | 49 | - | - | 65 | - | 14 | - | 130 | 154 | 284 | - | - | 12 | - | 72,7 |
| | NM EI 65/12A/B | 80 | 65 | 100 | 540 | 281 | 153 | 160 | 180 | 528 | - | 125 | 95 | 280 | 212 | 49 | - | - | 65 | - | 14 | - | 130 | 154 | 284 | - | - | 12 | - | 85,5 |
| 2 | NM EI 65/16D/B | 80 | 65 | 100 | 528 | 281 | 153 | 160 | 200 | 582 | - | 125 | 95 | 280 | 212 | 49 | - | - | 65 | - | 14 | - | 140 | 161 | 279 | - | - | 12 | - | 85,3 |
| | NM EI 65/16C/C | 80 | 65 | 100 | 640 | 281 | 153 | 160 | 200 | 553 | - | 125 | 95 | 280 | 212 | 49 | - | - | 65 | - | 14 | - | 140 | 161 | 410 | - | - | 12 | - | |

NM, NMS

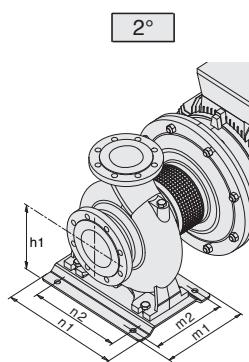
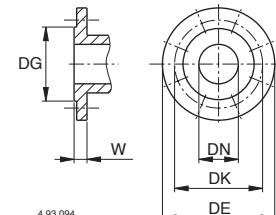
Monobloková odstředivá čerpadla
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Rozměry a hmotnosti



Příruby EN 1092-2



| mm | | | | | | | |
|-----|-----|-----|-----|----|----|----|---|
| | DN | DG | DK | DE | N° | Ø | W |
| 32 | 76 | 100 | 140 | 4 | 19 | 18 | |
| 40 | 84 | 110 | 150 | 4 | 19 | 18 | |
| 50 | 99 | 125 | 165 | 4 | 19 | 20 | |
| 65 | 118 | 145 | 185 | 4 | 19 | 20 | |
| 80 | 132 | 160 | 200 | 8 | 19 | 22 | |
| 100 | 156 | 180 | 220 | 8 | 19 | 24 | |
| 125 | 184 | 210 | 250 | 8 | 19 | 24 | |

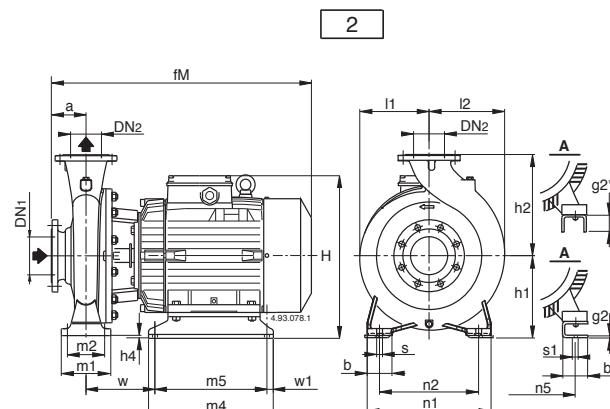
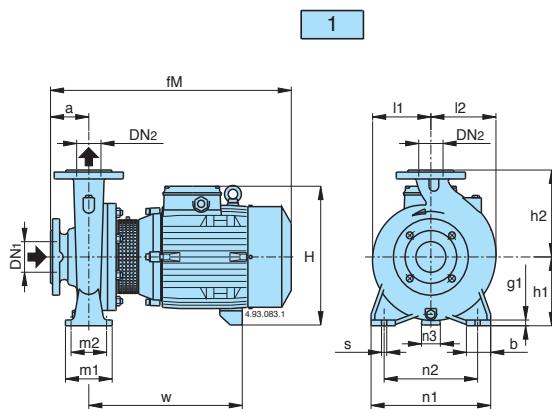
| Obrázek | NMS | mm | | | | | | | | | | | | | | | | | | | | | | kg | | | | | | | |
|---------|----------------|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|-----|-----|----|----|----|-----|-----|-----|-----|-----|-----|-----|----|----|-----|
| | | DN1 | DN2 | a | fM | h1 | h2 | H | m1 | m2 | n1 | n2 | A | n5 | w1 | b | AA | b1 | s | K | s1 | I1 | I2 | w | BB | m4 | B | m5 | HA | g2 | |
| 2 | NMS 65/250B/A | 80 | 65 | 100 | 961 | 200 | 250 | 486 | 160 | 120 | 360 | 280 | - | 279 | 20 | 80 | - | 70 | 18 | - | 15 | 179 | 195 | 333 | - | 440 | - | 400 | - | 20 | 236 |
| 1 | NMS 65/250A/B | 80 | 65 | 100 | 1009 | 200 | 250 | 515 | 160 | 120 | 360 | 280 | 318 | - | - | 80 | 70 | - | 18 | 19 | - | 200 | 200 | 406 | 355 | - | 305 | - | 25 | - | 321 |
| 1 | NMS 80/200A | 100 | 80 | 125 | 986 | 180 | 250 | 466 | 125 | 95 | 345 | 280 | 279 | - | - | 65 | 65 | - | 14 | 19 | - | 170 | 194 | 394 | 328 | - | 279 | - | 20 | - | 222 |
| 2 | NMS 80/250D | 100 | 80 | 125 | 986 | 200 | 280 | 486 | 160 | 120 | 400 | 315 | - | 279 | 20 | 80 | - | 70 | 18 | - | 15 | 191 | 211 | 333 | - | 440 | - | 400 | - | 20 | 242 |
| 1 | NMS 80/250C/A | 100 | 80 | 125 | 1034 | 200 | 280 | 515 | 160 | 120 | 400 | 315 | 318 | - | - | 80 | 70 | - | 18 | 19 | - | 200 | 210 | 406 | 355 | - | 305 | - | 25 | - | 345 |
| 1° | NMS 80/250B/A | 100 | 80 | 125 | 1129 | 225 | 280 | 563 | 298 | 258 | 410 | 315 | 356 | - | - | - | 80 | - | 18 | 19 | - | 225 | 225 | 445 | 361 | - | 311 | - | 34 | - | 437 |
| 2° | NMS 80/250A/A | 100 | 80 | 125 | 1198 | 280 | 280 | 690 | 260 | 220 | 410 | 315 | - | 406 | 25 | - | - | 100 | 18 | - | 24 | 275 | 275 | 443 | - | 500 | - | 450 | - | 8 | 534 |
| 2 | NMS 100/200C | 125 | 100 | 125 | 986 | 200 | 280 | 486 | 160 | 120 | 360 | 280 | - | 279 | 20 | 80 | - | 70 | 18 | - | 15 | 180 | 212 | 333 | - | 440 | - | 400 | - | 20 | 236 |
| 1 | NMS 100/200B/A | 125 | 100 | 125 | 1034 | 200 | 280 | 515 | 160 | 120 | 360 | 280 | 318 | - | - | 80 | 70 | - | 18 | 19 | - | 200 | 212 | 406 | 355 | - | 305 | - | 25 | - | 338 |
| 1° | NMS 100/200A/A | 125 | 100 | 125 | 1129 | 225 | 280 | 563 | 298 | 258 | 410 | 315 | 356 | - | - | - | 80 | - | 18 | 19 | - | 225 | 225 | 445 | 361 | - | 311 | - | 34 | - | 426 |
| 2° | NMS 100/250B/A | 125 | 100 | 140 | 1213 | 280 | 280 | 690 | 260 | 220 | 410 | 315 | - | 440 | 25 | - | - | 100 | 18 | - | 24 | 275 | 275 | 443 | - | 500 | - | 450 | - | 8 | 545 |
| 1° | NMS 100/250A/A | 125 | 100 | 140 | 1286 | 280 | 280 | 713 | 260 | 220 | 410 | 315 | 457 | - | - | - | 100 | - | 18 | 24 | - | 275 | 275 | 516 | 479 | - | 368 | - | 40 | - | 648 |

B-NM, B-NMS

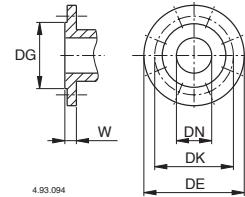
Monobloková odstředivá čerpadla
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Příruby EN 1092-2



| mm | | | | | | |
|-----|-----|-----|-----|------|----|----|
| DN | DG | DK | DE | Diry | N° | Ø |
| 32 | 76 | 100 | 140 | 4 | 19 | 18 |
| 40 | 84 | 110 | 150 | 4 | 19 | 18 |
| 50 | 99 | 125 | 165 | 4 | 19 | 20 |
| 65 | 118 | 145 | 185 | 4 | 19 | 20 |
| 80 | 132 | 160 | 200 | 8 | 19 | 22 |
| 100 | 156 | 180 | 220 | 8 | 19 | 24 |
| 125 | 184 | 210 | 250 | 8 | 19 | 24 |

| Obrázek | B-NM | mm | | | | | | | | | | | | | | | | | | | | | | kg | | | | | |
|---------|------------------------|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|----|-----|----|----|----|----|----|-----|-----|-----|-----|-----|----|-----|-----------|--|
| | | DN1 | DN2 | a | fM | h1 | h2 | H | h4 | m1 | m2 | n1 | n2 | n3 | n5 | w1 | b | b1 | s | s1 | I1 | I2 | w | m4 | m5 | g1 | g2 | B-NM | |
| 1 | B-NM 32/12D-F | 50 | 32 | 80 | 405 | 112 | 140 | 240 | - | 100 | 70 | 190 | 140 | 37 | - | - | 50 | - | 14 | - | 93 | 97 | 245 | - | - | 12 | - | 27-27 | |
| | B-NM 32/12S/A-A/A | | | | | | | | | | | | | | | | | | | | | | | | | | | 30-28 | |
| | B-NM 32/16B/A | 50 | 32 | 80 | 410 | 132 | 160 | 260 | - | 100 | 70 | 240 | 190 | 47 | - | - | 50 | - | 14 | - | 120 | 120 | 250 | - | - | 12 | - | 38,5 | |
| | B-NM 32/16A/B | | | | | | | | | | | | | | | | | | | | | | | | | | | 42 | |
| | B-NM 32/20D/B | 50 | 32 | 80 | 450 | 160 | 180 | 288 | - | 100 | 70 | 240 | 190 | 45 | - | - | 50 | - | 14 | - | 140 | 140 | 290 | - | - | 12 | - | 47,5 | |
| 1* | B-NM 32/20C/A | | | | | | | | | | | | | | | | | | | | | | | | | | | 56,5 | |
| | B-NM 32/20A/B | | | | | | | | | | | | | | | | | | | | | | | | | | | 58 | |
| | B-NM 32L/16C | 50 | 32 | 80 | 450 | 132 | 160 | 260 | - | 100 | 70 | 240 | 190 | 47 | - | - | 50 | - | 14 | - | 121 | 121 | 290 | - | - | 10 | - | 42,5 | |
| | B-NM 32L/16B/A | | | | | | | | | | | | | | | | | | | | | | | | | | | 49,5 | |
| | B-NM 32L/16A/B | | | | | | | | | | | | | | | | | | | | | | | | | | | 52,5 | |
| 1* | B-NM 32L/20C | 50 | 32 | 80 | 475 | 160 | 180 | 298 | - | 100 | 70 | 240 | 190 | 60 | - | - | 50 | - | 14 | - | 142 | 142 | 295 | - | - | 12 | - | 58,3 | |
| | B-NM 32L/200A-B | | | | | | | | | | | | | | | | | | | | | | | | | | | 79,3-73,8 | |
| 2 | B-NM 40/12C/A-F/A | 65 | 40 | 80 | 410 | 112 | 140 | 240 | - | 100 | 70 | 210 | 160 | 37 | - | - | 50 | - | 14 | - | 100 | 113 | 250 | - | - | 12 | - | 33-31 | |
| | B-NM 40/12A/B | | | | | | | | | | | | | | | | | | | | | | | | | | | 36 | |
| | B-NM 40/16C/B | 65 | 40 | 80 | 450 | 132 | 160 | 260 | - | 100 | 70 | 240 | 190 | 47 | - | - | 50 | - | 14 | - | 121 | 122 | 290 | - | - | 10 | - | 43 | |
| 1* | B-NM 40/16B/A | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| | B-NM 40/16A/B | | | | | | | | | | | | | | | | | | | | | | | | | | | 53 | |
| | B-NM 40/20C/B-D/B | 65 | 40 | 100 | 495 | 160 | 180 | 298 | - | 100 | 70 | 265 | 212 | 60 | - | - | 50 | - | 14 | - | 142 | 142 | 295 | - | - | 12 | - | 59,5-59 | |
| 2 | B-NM 40/20A/A-AR/A-B/A | | | | | | | | | | | | | | | | | | | | | | | | | | | 80,5-75 | |
| | B-NM 4025/C/C | 65 | 40 | 100 | 635 | 192 | 225 | 377 | 12 | 125 | 95 | 320 | 250 | - | 216 | 20 | 65 | 69 | 14 | 12 | 175 | 175 | 174 | 298 | 258 | - | 6 | 124 | |
| | B-NM 4025/B/C | | | | | | | | | | | | | | | | | | | | | | | | | | | 130 | |
| 1 | B-NM 4025/A/C | | | | | | | | | | | | | | | | | | | | | | | | | | | 159,5 | |
| | B-NM 50/12F/B | 65 | 50 | 100 | 470 | 132 | 160 | 260 | - | 100 | 70 | 240 | 190 | 47 | - | - | 50 | - | 14 | - | 122 | 137 | 290 | - | - | 10 | - | 44 | |
| | B-NM 50/12D/A | | | | | | | | | | | | | | | | | | | | | | | | | | | 52 | |
| 1* | B-NM 50/12A/B-S/B | | | | | | | | | | | | | | | | | | | | | | | | | | | 54,5-54 | |
| | B-NM 50/160A/B-B/B | 65 | 50 | 100 | 583 | 160 | 180 | 320 | - | 100 | 70 | 265 | 212 | 49 | - | - | 50 | - | 14 | - | 126 | 140 | 334 | - | - | 12 | - | 80-74,5 | |
| 2 | B-NM 50/200B/C | 65 | 50 | 100 | 695 | 192 | 200 | 377 | 32 | 100 | 70 | 265 | 212 | - | 216 | 20 | 50 | 69 | 14 | 12 | 140 | 153 | 234 | 298 | 258 | - | 6 | 123 | |
| | B-NM 50/200A/C | | | | | | | | | | | | | | | | | | | | | | | | | | | 132 | |
| | B-NM 50/200S/C | | | | | | | | | | | | | | | | | | | | | | | | | | | 154 | |
| 1* | B-NM 5025/C/C | 65 | 50 | 100 | 685 | 192 | 225 | 377 | 12 | 125 | 95 | 320 | 250 | - | 216 | 20 | 65 | 69 | 14 | 12 | 175 | 175 | 174 | 298 | 258 | - | 6 | 135 | |
| | B-NM 5025/B/C | | | | | | | | | | | | | | | | | | | | | | | | | | | 156 | |
| 1 | B-NM 50/25A | 65 | 50 | 100 | 766 | 180 | 225 | 386 | - | 125 | 95 | 320 | 250 | - | 254 | 20 | 65 | 60 | 14 | 15 | 175 | 175 | 166 | 394 | 354 | - | 20* | - | |
| | B-NM 65/12E/A | 80 | 65 | 100 | 500 | 160 | 180 | 298 | - | 125 | 95 | 280 | 212 | 60 | - | - | 65 | - | 14 | - | 130 | 154 | 300 | - | - | 12 | - | 57,3 | |
| 1* | B-NM 65/125A/B-C/B | 80 | 65 | 100 | 588 | 160 | 180 | 320 | - | 125 | 95 | 280 | 212 | 49 | - | - | 65 | - | 14 | - | 130 | 154 | 339 | - | - | 12 | - | 80,5-74,5 | |
| | B-NM 65/160D/B | 80 | 65 | 100 | 583 | 160 | 200 | 320 | - | 125 | 95 | 280 | 212 | 49 | - | - | 65 | - | 14 | - | 140 | 179 | 334 | - | - | 12 | - | 80,2 | |
| 2 | B-NM 65/160C/C | 80 | 65 | 100 | 660 | 160 | 200 | 345 | - | 125 | 95 | 280 | 212 | 49 | - | - | 65 | - | 14 | - | 140 | 179 | 430 | - | - | 12 | - | 101 | |
| | B-NM 65/160B/C | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | B-NM 65/160B/C-AR | 80 | 65 | 100 | 745 | 192 | 200 | 377 | 32 | 125 | 95 | 280 | 212 | - | 216 | 20 | 65 | 69 | 14 | 12 | 140 | 179 | 234 | 298 | 258 | - | 6 | 140 | |
| | B-NM 65/200C/C | | | | | | | | | | | | | | | | | | | | | | | | | | | 152 | |
| 2 | B-NM 65/250C/B | 80 | 65 | 100 | 825 | 202 | 250 | 408 | 2 | 160 | 120 | 360 | 280 | - | 254 | 20 | 80 | 90 | 18 | 14 | 179 | 195 | 245 | 400 | 360 | - | 42* | 210 | |
| | B-NM 80/160E/B | 100 | 80 | 125 | 608 | 180 | 225 | 340 | - | 125 | 95 | 320 | 250 | 60 | - | - | 65 | - | 14 | - | 153 | 181 | 334 | - | - | 12 | - | 89,4 | |
| 2 | B-NM 80/160D/C | | | | | | | | | | | | | | | | | | | | | | | | | | | 109 | |
| | B-NM 80/160C/C | 100 | 80 | 125 | 775 | 192 | 225 | 377 | 12 | 125 | 95 | 320 | 250 | - | 216 | 20 | 65 | 69 | 14 | 12 | 153 | 181 | 239 | 298 | 258 | - | 6 | 149 | |
| 2 | B-NM 80/160B/C | | | | | | | | | | | | | | | | | | | | | | | | | | | 161 | |
| | B-NM 80/16A | 100 | 80 | 125 | 789 | 180 | 225 | 386 | - | 125 | 95 | 320 | 250 | - | 254 | 20 | 65 | 60 | 14 | 15 | 153 | 181 | 164 | 394 | 354 | - | 20* | - | |

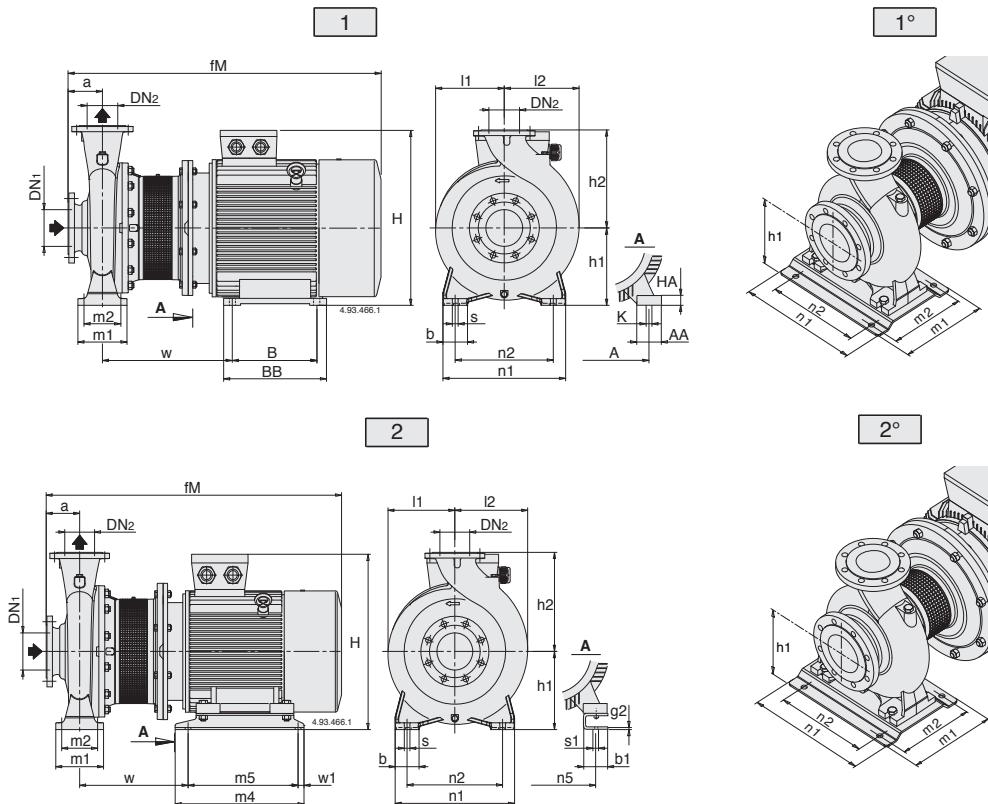
* Verze bez krytu spojky.

B-NM, B-NMS

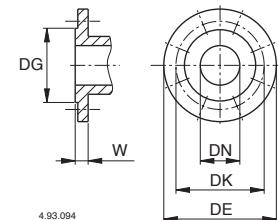
Monobloková odstředivá čerpadla
s přírubovými hrdly

calpeda®

Rozměry a hmotnosti



Příruby EN 1092-2



| mm | | | | | | |
|-----|-----|-----|-----|----------|----|----|
| DN | DG | DK | DE | Holes N° | Ø | W |
| 32 | 76 | 100 | 140 | 4 | 19 | 18 |
| 40 | 84 | 110 | 150 | 4 | 19 | 18 |
| 50 | 99 | 125 | 165 | 4 | 19 | 20 |
| 65 | 118 | 145 | 185 | 4 | 19 | 20 |
| 80 | 132 | 160 | 200 | 8 | 19 | 22 |
| 100 | 156 | 180 | 220 | 8 | 19 | 24 |
| 125 | 184 | 210 | 250 | 8 | 19 | 24 |

| Obrázek | B-NMS | mm | | | | | | | | | | | | | | | | | | | | | | kg | | | | | | | |
|---------|----------------------|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|-----|-----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|-----|
| | | DN1 | DN2 | a | fM | h1 | h2 | H | m1 | m2 | n1 | n2 | A | n5 | w1 | b | AA | b1 | s | K | s1 | I1 | I2 | w | BB | m4 | B | m5 | HA | g2 | |
| 2 | B-NMS 65/200A-B | 80 | 65 | 100 | 864 | 180 | 225 | 386 | 125 | 95 | 320 | 350 | - | 254 | 20 | 65 | - | 60 | 14 | - | 15 | 159 | 179 | 331 | - | 394 | - | 354 | - | 20 | |
| 2 | B-NMS 65/250B/A | 80 | 65 | 100 | 961 | 200 | 250 | 486 | 160 | 120 | 360 | 280 | - | 279 | 20 | 80 | - | 70 | 18 | - | 15 | 179 | 195 | 333 | - | 440 | - | 400 | - | 20 | |
| 1 | B-NMS 65/250A/B | 80 | 65 | 100 | 1009 | 200 | 250 | 515 | 160 | 120 | 360 | 280 | 318 | - | - | 80 | 70 | - | 18 | 19 | - | 200 | 200 | 406 | 355 | - | 305 | - | 25 | - | 353 |
| 2 | B-NMS 80/200B/A | 100 | 80 | 125 | 936 | 180 | 250 | 387 | 125 | 95 | 345 | 280 | - | 254 | 20 | 65 | - | 60 | 14 | - | 15 | 175 | 194 | 331 | - | 350 | - | 310 | - | 5 | |
| 1 | B-NMS 80/200A/A | 100 | 80 | 125 | 986 | 180 | 250 | 466 | 125 | 95 | 345 | 280 | 279 | - | - | 65 | 65 | - | 14 | 15 | - | 170 | 194 | 394 | 328 | - | 279 | - | 20 | - | 266 |
| 2 | B-NMS 80/250E/A | 100 | 80 | 125 | 936 | 200 | 280 | 407 | 160 | 120 | 400 | 315 | - | 254 | 20 | 80 | - | 60 | 18 | - | 15 | 191 | 210 | 331 | - | 394 | - | 354 | - | 6 | |
| 2 | B-NMS 80/250D/A | 100 | 80 | 125 | 986 | 200 | 280 | 486 | 160 | 120 | 400 | 315 | - | 279 | 20 | 80 | - | 70 | 18 | - | 15 | 191 | 212 | 333 | - | 440 | - | 400 | - | 20 | |
| 1 | B-NMS 80/250C/A | 100 | 80 | 125 | 1034 | 200 | 280 | 515 | 160 | 120 | 400 | 315 | 318 | - | - | 80 | 70 | - | 18 | 19 | - | 200 | 210 | 406 | 355 | - | 305 | - | 25 | - | |
| 1° | B-NMS 80/250B/A | 100 | 80 | 125 | 1129 | 225 | 280 | 563 | 298 | 258 | 410 | 315 | 356 | - | - | 80 | - | 18 | 19 | - | 225 | 225 | 445 | 361 | - | 311 | - | 34 | - | | |
| 2° | B-NMS 80/250A/A | 100 | 80 | 125 | 1198 | 280 | 280 | 690 | 260 | 220 | 410 | 315 | - | 406 | 25 | - | - | 100 | 18 | - | 24 | 275 | 275 | 443 | - | 500 | - | 450 | - | 8 | |
| 2 | B-NMS 100/200D/A-E/B | 125 | 100 | 125 | 936 | 200 | 280 | 407 | 160 | 120 | 360 | 280 | - | 254 | 20 | 80 | - | 60 | 18 | - | 15 | 180 | 212 | 331 | - | 394 | - | 354 | - | 6 | |
| 2 | B-NMS 100/200C/A | 125 | 100 | 128 | 1034 | 200 | 280 | 535 | 160 | 120 | 360 | 280 | - | 279 | 20 | 80 | - | 70 | 18 | - | 15 | 180 | 212 | 345 | - | 440 | - | 400 | - | 20 | |
| 1 | B-NMS 100/200B/A | 125 | 100 | 125 | 1034 | 200 | 280 | 515 | 160 | 120 | 360 | 280 | 318 | - | - | 80 | 70 | - | 18 | 19 | - | 200 | 212 | 406 | 355 | - | 305 | - | 25 | - | 352 |
| 1° | B-NMS 100/200A/A | 125 | 100 | 125 | 1129 | 225 | 280 | 563 | 298 | 258 | 410 | 315 | 356 | - | - | 80 | - | 18 | 19 | - | 225 | 225 | 445 | 361 | - | 311 | - | 34 | - | | |
| 2° | B-NMS 100/250B/A | 125 | 100 | 140 | 1213 | 280 | 280 | 690 | 260 | 220 | 410 | 315 | - | 440 | 25 | - | - | 100 | 18 | - | 24 | 275 | 275 | 443 | - | 500 | - | 450 | - | 8 | |
| 1° | B-NMS 100/250A/A | 125 | 100 | 140 | 1286 | 280 | 280 | 713 | 260 | 220 | 410 | 315 | 457 | - | - | - | 100 | - | 18 | 24 | - | 275 | 275 | 516 | 479 | - | 368 | - | 40 | - | |

NM, NMS

Monobloková odstředivá čerpadla
s přírubovými hrdly



Rozměry a hmotnosti

NM

Špičková hydraulika

Geometrie oběžného kola a tělesa čerpadla je optimalizována tak, aby bylo možné dosáhnout maximální účinnosti a té nejlepší schopnosti nasáti.

Flexibilita

Díky možnosti výběru mezi litinovým nebo bronzovým zpracováním hydraulických součástí, které přichází do kontaktu s čerpanou tekutinou, představují čerpadla řady NM ideální volbu pro nejrůznější typy kapalin.

Malé rozměry

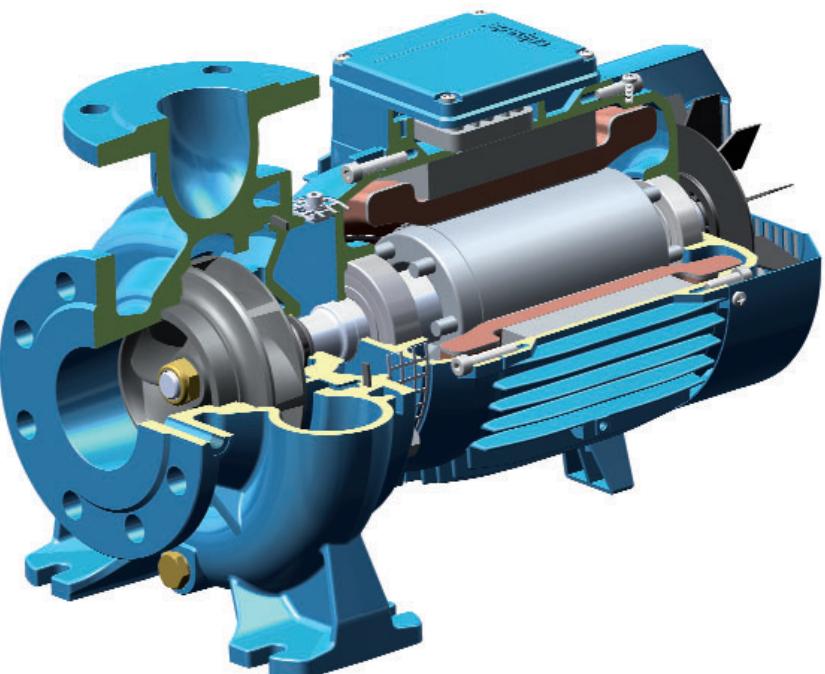
Kompaktní konstrukce umožňuje jednoduchou instalaci i v omezených prostorách.

Exkluzivní zpracování

Inovativní patentovaný kryt brání kontaktu s pohyblivými částmi a zaručuje ochranu pro konečného uživatele. Zároveň usnadňuje kontrolu mechanické ucpávky.

Spolehlivost

Ložisko a hřídel byly speciálně navrženy pro snížení zátěže, takže poskytují vysokou míru spolehlivosti při jakýchkoliv provozních podmínkách.



Špičková hydraulika

Geometrie oběžného kola a tělesa čerpadla je optimalizována tak, aby bylo možné dosáhnout maximální účinnosti a té nejlepší schopnosti nasáti.

Flexibilita

Díky možnosti výběru mezi litinovým nebo bronzovým zpracováním hydraulických součástí, které přichází do kontaktu s čerpanou tekutinou, představují čerpadla řady NM ideální volbu pro nejrůznější typy kapalin.

Nová konstrukce spojky motoru čerpadla

Součást hydraulické strany spojky motoru čerpadla tvoří axiální ložisko, které zajišťuje snížení dodatečného zatížení motorových ložisek. Příruba je určena pro použití se standardními motory B35.

Exkluzivní zpracování

Inovativní patentovaný kryt brání kontaktu s pohyblivými částmi a zaručuje ochranu pro konečného uživatele. Zároveň usnadňuje kontrolu mechanické ucpávky.

Zjednodušená údržba motoru

Přítomnost axiálního ložiska na hydraulické straně usnadňuje demontáž motoru a údržbu čerpadla. Zároveň snižuje riziko poškození hydraulických částí.

NMS

