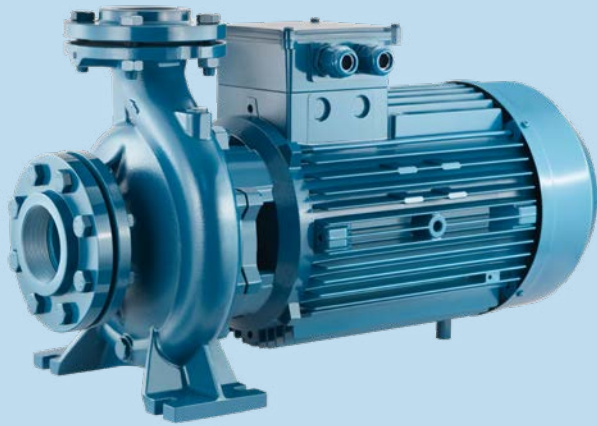


# CM ~ 2900 r.p.m.

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Monobloc horizontal centrifugal pumps, constructed in compliance with EN 733 standards; widely used in water supplies, pressurisation and fire-fighting systems, cooling, heating, irrigation, industrial and agricultural applications; standard supply with counter-flange.

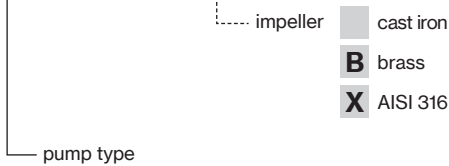
## Construction features

|                           |                                      |
|---------------------------|--------------------------------------|
| <b>Pump body</b>          | cast iron                            |
| <b>Motor bracket</b>      | cast iron                            |
| <b>Impeller</b>           | cast iron, bronze or stainless steel |
| <b>Mechanical seal</b>    | ceramic-graphite-NBR                 |
| <b>Pump shaft end</b>     | stainless steel AISI 304             |
| <b>Liquid temperature</b> | -10 ÷ +90 °C                         |
| <b>Operating pressure</b> | max 10 bar                           |

## Motor

|                                |  |
|--------------------------------|--|
| <b>2 Poles induction motor</b> | 3~ 230/400V-50Hz P ≤ 4kW<br>3~ 400/690V-50Hz P > 4kW |
|                                | 1~ 230V-50Hz   |
| <b>Insulation class</b>        | F  |
| <b>Protection degree</b>       | IPX5   |

### CM 50-160A X



| TYPE                     | LOTS        |          |             |          |
|--------------------------|-------------|----------|-------------|----------|
|                          | TRUCK       |          | CONTAINER   |          |
|                          | PALLET (cm) | N° pumps | PALLET (cm) | N° pumps |
| 32-160                   | 80×120×155  | 24       | 80×120×190  | 30       |
| 32-200 (C)               | 80×120×155  | 24       | 80×120×180  | 24       |
| 32-200 (A) (A1) (B) (B1) | 100×120×140 | 18       | 100×120×185 | 24       |
| 32-250 (A)               | 85×110×120  | 6        | 85×110×170  | 9        |
| 32-250 (B) (C)           | 80×120×120  | 6        | 80×120×170  | 9        |
| 40-125                   | 80×120×155  | 24       | 80×120×190  | 30       |
| 40-160                   | 80×120×155  | 24       | 80×120×190  | 30       |
| 40-200                   | 100×120×140 | 18       | 100×120×185 | 24       |
| 40-250 (A)               | 85×110×120  | 6        | 85×110×170  | 9        |
| 40-250 (B) (BM) (C)      | 80×120×120  | 6        | 80×120×170  | 9        |
| 50-125                   | 80×120×120  | 24       | 80×120×180  | 24       |
| 50-160                   | 100×120×140 | 18       | 100×120×185 | 24       |
| 50-200 (A)               | 85×110×120  | 6        | 85×110×170  | 9        |
| 50-200 (B) (C)           | 80×120×120  | 6        | 80×120×170  | 9        |
| 50-250                   | 80×120×120  | 6        | 80×120×170  | 9        |
| 65-125                   | 100×120×140 | 18       | 100×120×185 | 24       |
| 65-160                   | 85×110×120  | 6        | 85×110×170  | 9        |
| 65-200                   | 85×110×120  | 6        | 85×110×170  | 9        |
| 65-250                   | 85×110×130  | 4        | 85×110×190  | 6        |
| 80-160                   | 85×110×120  | 6        | 85×110×170  | 9        |
| 80-200                   | 85×110×130  | 4        | 85×110×190  | 6        |
| 100-160                  | 85×110×130  | 4        | 85×110×190  | 6        |



| TYPE     | P <sub>2</sub> nom. |      | 3-                    |               | Q (m <sup>3</sup> /h - l/min) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|----------|---------------------|------|-----------------------|---------------|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|          |                     |      | P <sub>1</sub> max kW | A 3x400V 50Hz | 0                             | 30   | 33   | 36   | 39   | 42   | 45   | 48   | 54   | 60   | 66   | 72   | 78   | 84   | 96   | 108  | 120  | 132  | 138  | 144  | 150  |
|          | HP                  | kW   | H (m)                 |               |                               |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 65-125B1 | 7,5                 | 5,5  | 6,4                   | 11,3          | 19,7                          | 20,6 | 20,5 | 20,4 | 20,4 | 20,3 | 20,2 | 20,2 | 20,0 | 19,7 | 19,3 | 18,8 | 18,2 | 17,5 | 16,3 | 15,0 |      |      |      |      |      |
| 65-125B  | 7,5                 | 5,5  | 6,6                   | 11,0          | 19,7                          | 20,6 | 20,5 | 20,4 | 20,4 | 20,3 | 20,2 | 20,2 | 20,0 | 19,7 | 19,3 | 18,8 | 18,2 | 17,5 | 16,3 | 15,0 | 13,1 |      |      |      |      |
| 65-125A1 | 10                  | 7,5  | 8,6                   | 15,1          | 24,6                          | 25,2 | 25,2 | 25,1 | 25,1 | 25,0 | 24,8 | 24,9 | 24,7 | 24,5 | 24,2 | 23,9 | 23,5 | 23,0 | 22,0 | 20,6 | 18,8 |      |      |      |      |
| 65-125A  | 10                  | 7,5  | 8,8                   | 14,4          | 24,6                          | 25,2 | 25,2 | 25,1 | 25,1 | 25,0 | 24,9 | 24,9 | 24,7 | 24,5 | 24,2 | 23,9 | 23,5 | 23,0 | 22,0 | 20,6 | 18,8 | 16,8 |      |      |      |
| 65-160C  | 12,5                | 9,2  | 10,1                  | 16,8          | 28,9                          |      |      |      |      | 30,6 | 30,5 | 30,3 | 30,0 | 29,6 | 29,1 | 28,5 | 27,9 | 27,2 | 25,3 | 22,9 | 20,2 | 17,5 | 16,0 | 13,9 |      |
| 65-160B  | 15                  | 11   | 12,7                  | 20,6          | 33,2                          |      |      |      |      | 35,1 | 35,0 | 34,9 | 34,6 | 34,3 | 33,8 | 33,3 | 32,8 | 32,1 | 30,4 | 28,2 | 25,5 | 22,5 | 21,4 | 20,4 |      |
| 65-160A  | 20                  | 15   | 17,1                  | 28,5          | 40,1                          |      |      |      |      | 42,5 | 42,5 | 42,5 | 42,3 | 42,1 | 41,8 | 41,4 | 41,0 | 40,4 | 38,9 | 37,1 | 35,3 | 32,8 | 31,7 | 30,9 |      |
| 65-200C  | 20                  | 15   | 17,0                  | 28,3          | 44,4                          |      |      |      |      |      |      |      | 46,1 | 45,4 | 44,7 | 44,0 | 43,2 | 42,4 | 40,3 | 37,5 | 33,7 | 28,9 | 26,8 |      |      |
| 65-200B  | 25                  | 18,5 | 21,2                  | 34,8          | 51,7                          |      |      |      |      |      |      |      | 53,9 | 53,4 | 52,7 | 52,0 | 51,3 | 50,4 | 48,6 | 45,9 | 43,0 | 39,4 | 37,1 | 34,6 |      |
| 65-200A  | 30                  | 22   | 25,4                  | 41,7          | 60,3                          |      |      |      |      |      |      |      | 61,8 | 61,4 | 61,0 | 60,4 | 59,8 | 59,1 | 57,1 | 54,6 | 51,6 | 48,3 | 46,5 | 44,4 |      |
| 65-250B  | 40                  | 30   | 30,8                  | 55,3          | 80,6                          |      |      |      |      |      |      |      | 80,6 | 79,5 | 78,4 | 77,1 | 75,7 | 74,1 | 70,4 | 66,1 | 61,0 | 54,7 | 51,0 | 47,3 |      |
| 65-250A  | 50                  | 37   | 37,0                  | 69,2          | 91,6                          |      |      |      |      |      |      |      | 91,6 | 90,8 | 89,8 | 88,6 | 87,4 | 85,9 | 82,5 | 77,8 | 72,8 | 67,4 | 64,3 | 60,8 | 57,9 |

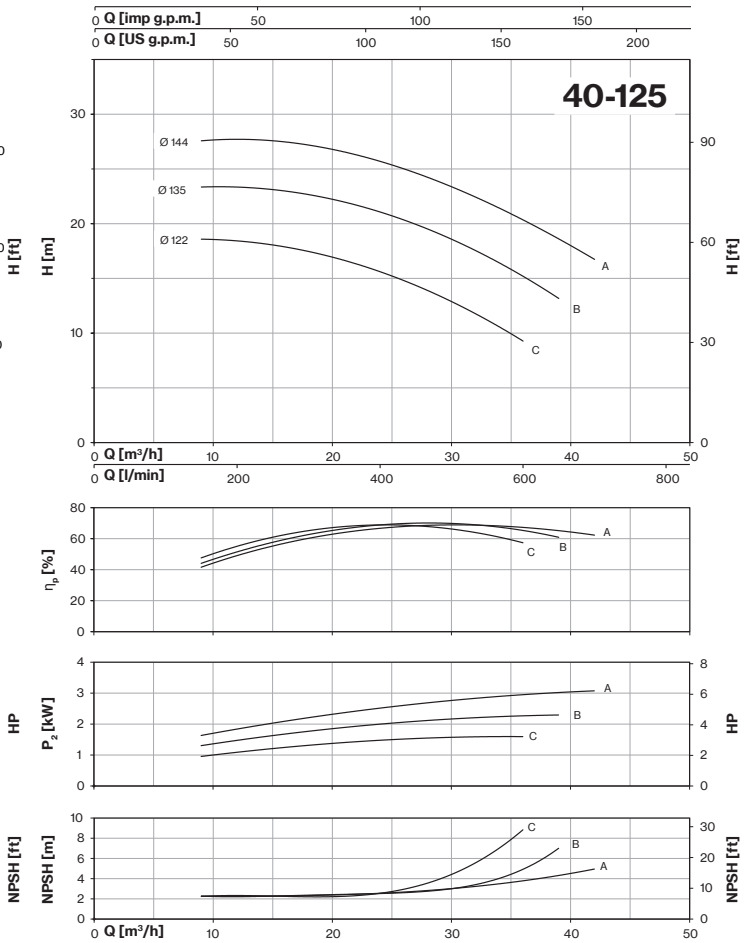
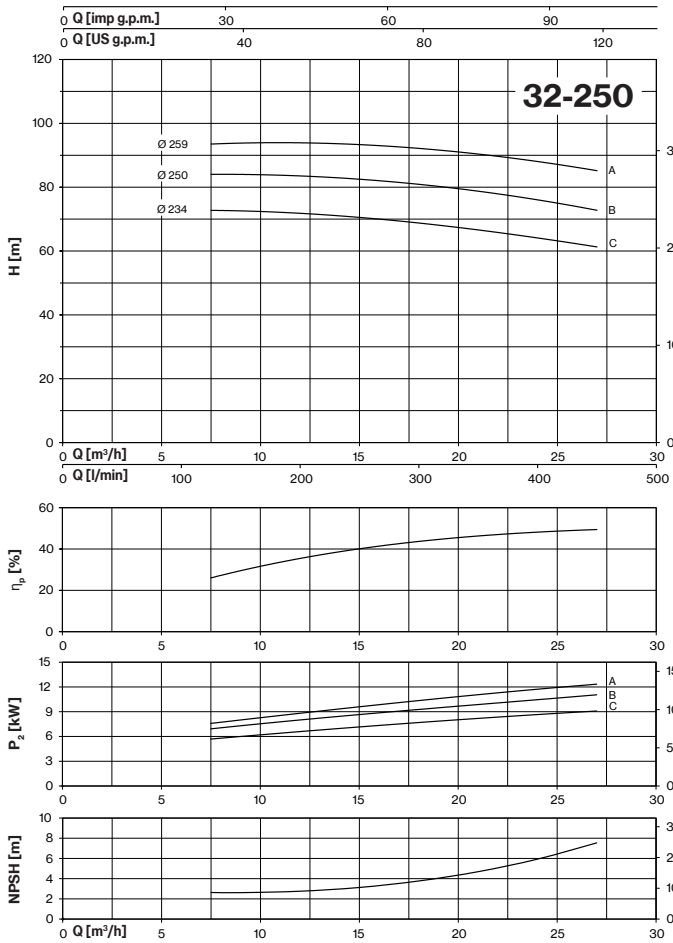
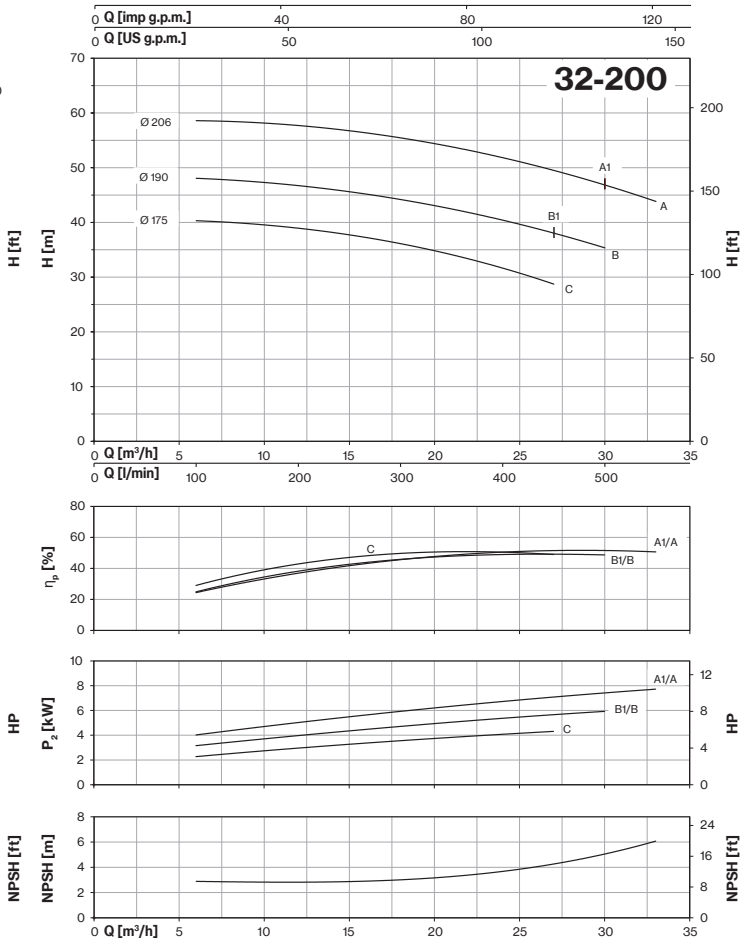
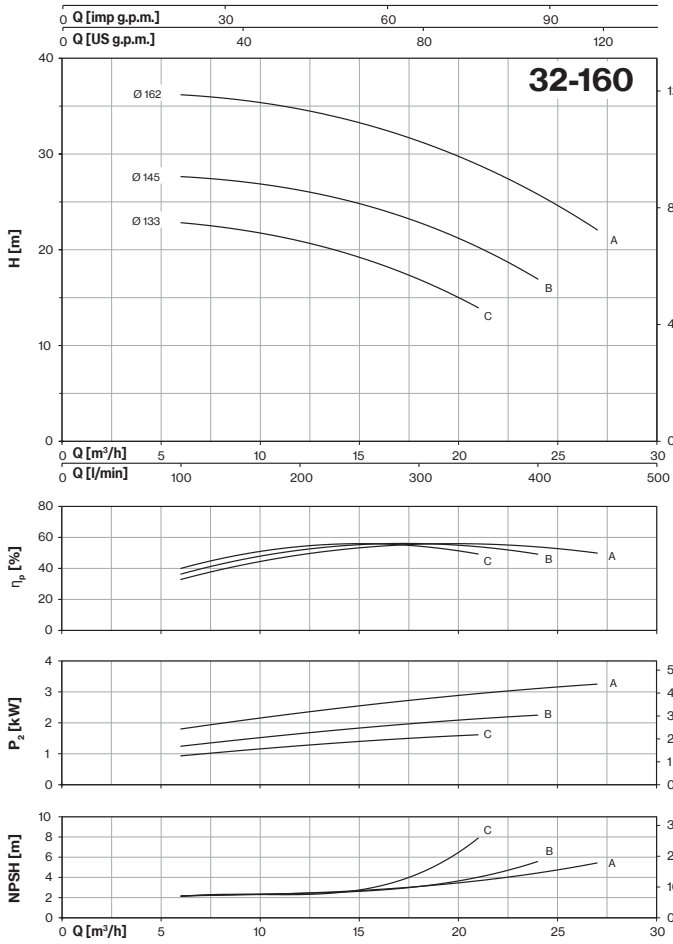
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|---------|---------------------|------|-----------------------|---------------|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|
|         |                     |      | P <sub>1</sub> max kW | A 3x400V 50Hz | 0                             | 66   | 72   | 78   | 84   | 96   | 108  | 120  | 132  | 138  | 144  | 156  | 168  | 180  | 195  | 210  | 225  | 240  |  |  |  |
|         | HP                  | kW   | H (m)                 |               |                               |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |
| 80-160E | 12,5                | 9,2  | 9,8                   | 16,3          | 21,5                          | 22,9 | 22,5 | 22,1 | 21,6 | 20,8 | 19,9 | 18,9 | 17,7 | 17,2 | 16,6 | 15,3 | 13,7 |      |      |      |      |      |  |  |  |
| 80-160D | 15                  | 11   | 12,2                  | 20,0          | 25,4                          | 27,3 | 27,0 | 26,6 | 26,3 | 25,4 | 24,5 | 23,5 | 22,4 | 21,8 | 21,2 | 19,9 | 18,3 | 16,4 |      |      |      |      |  |  |  |
| 80-160C | 20                  | 15   | 14,5                  | 24,5          | 29,0                          | 30,9 | 30,7 | 30,4 | 30,1 | 29,4 | 28,5 | 27,4 | 26,3 | 25,8 | 25,3 | 24,1 | 22,5 | 20,7 | 18,4 |      |      |      |  |  |  |
| 80-160B | 25                  | 18,5 | 18,1                  | 30,3          | 33,6                          | 35,9 | 35,7 | 35,4 | 35,2 | 34,5 | 33,7 | 32,9 | 32,0 | 31,6 | 31,1 | 30,0 | 28,6 | 27,0 | 24,5 | 22,0 |      |      |  |  |  |
| 80-160A | 30                  | 22   | 22                    | 37            | 38                            | 40,5 | 40,4 | 40,2 | 40,1 | 39,6 | 39,1 | 38,4 | 37,5 | 37,1 | 36,6 | 35,4 | 34,1 | 32,6 | 30,4 | 28,3 | 23,9 |      |  |  |  |
| 80-200B | 40                  | 30   | 32,0                  | 57,2          | 50,4                          |      |      |      | 54,5 | 53,9 | 53,2 | 52,3 | 51,3 | 50,7 | 50,2 | 48,9 | 47,4 | 45,8 | 43,4 | 40,9 | 38,5 |      |  |  |  |
| 80-200A | 50                  | 37   | 38,6                  | 71,6          | 57,3                          |      |      |      | 61,7 | 61,3 | 60,6 | 59,4 | 58,2 | 57,8 | 57,5 | 56,8 | 55,4 | 53,7 | 51,5 | 49,1 | 46,6 | 43,9 |  |  |  |

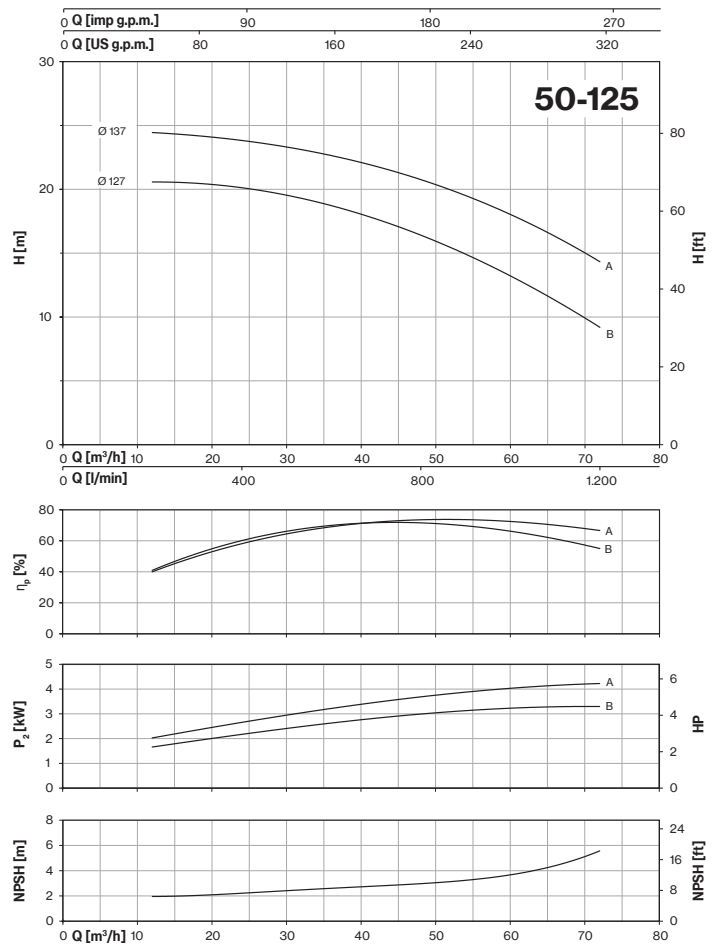
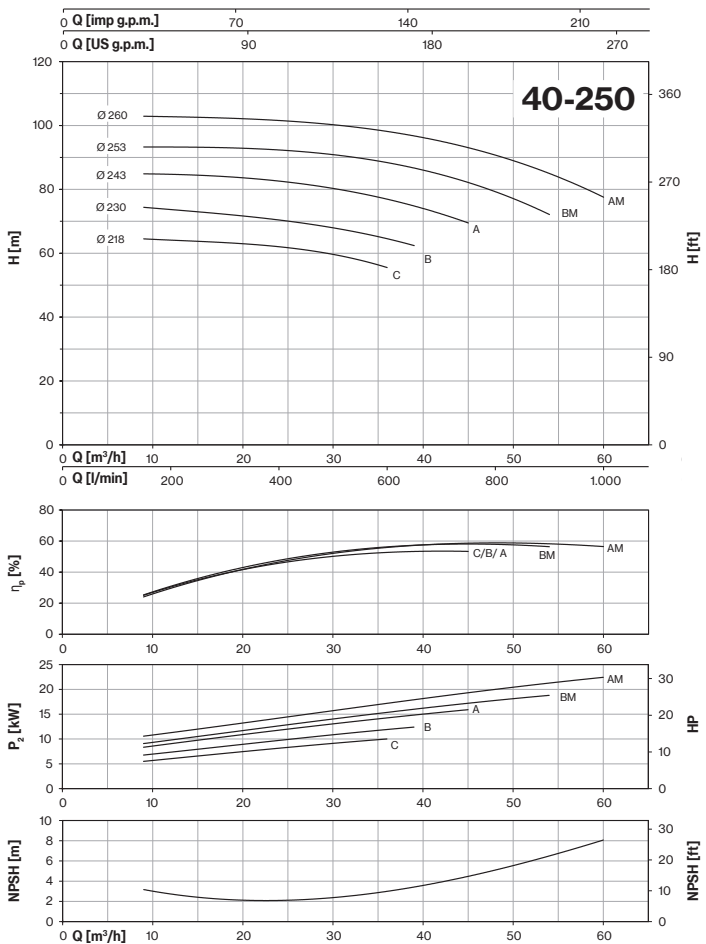
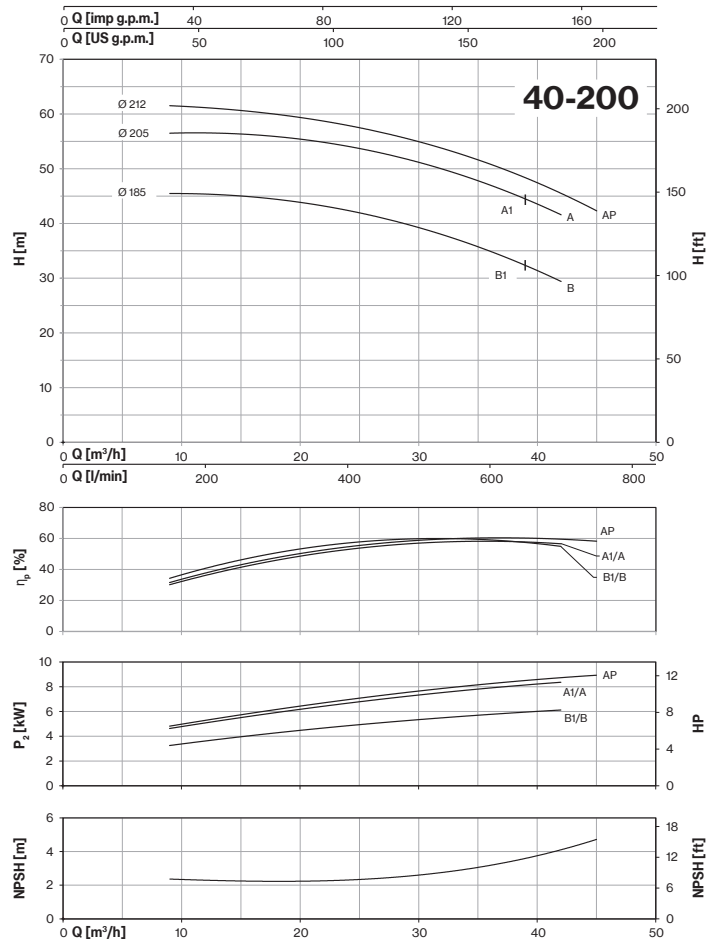
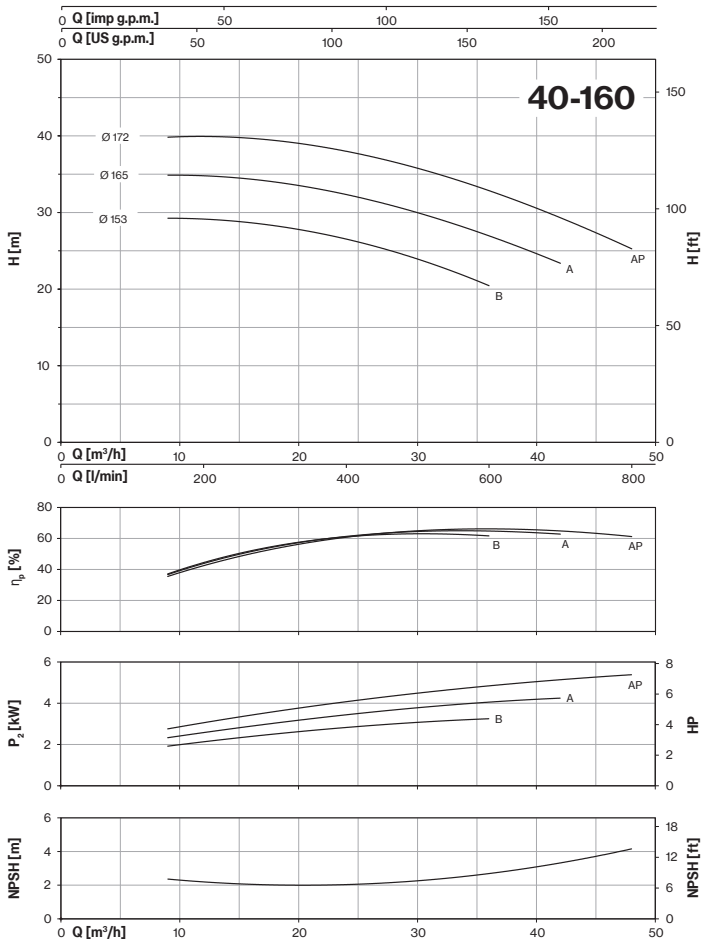
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|----------|---------------------|----|-----------------------|---------------|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|
|          |                     |    | P <sub>1</sub> max kW | A 3x400V 50Hz | 0                             | 96   | 108  | 120  | 132  | 138  | 144  | 156  | 168  | 180  | 195  | 210  | 225  | 240  | 270  | 300  | 330  |  |  |  |  |
|          | HP                  | kW | H (m)                 |               |                               |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| 100-160B | 40                  | 30 | 31,9                  | 57,1          | 41,7                          | 40,7 | 40,8 | 40,7 | 40,4 | 40,3 | 40,1 | 39,6 | 39,1 | 38,5 | 37,8 | 37,0 | 36,1 | 35,0 | 32,3 | 29,2 | 25,7 |  |  |  |  |
| 100-160A | 50                  | 37 | 37,5                  | 70,2          | 46,0                          | 45,1 | 45,2 | 45,1 | 44,9 | 44,8 | 44,7 | 44,3 | 43,9 | 43,3 | 42,7 | 42,0 | 41,1 | 40,2 | 37,9 | 35,0 | 31,9 |  |  |  |  |



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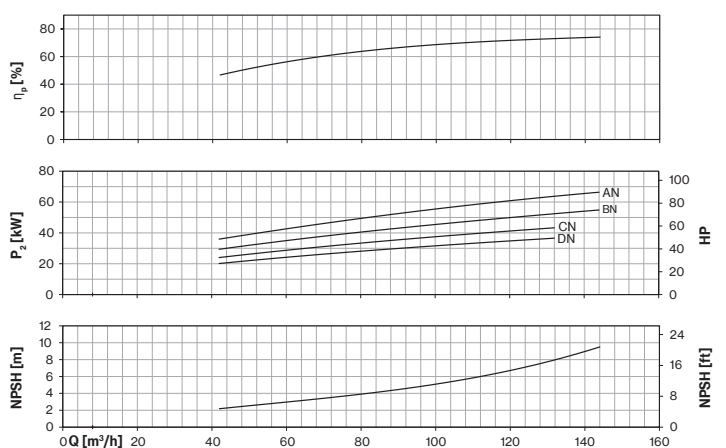
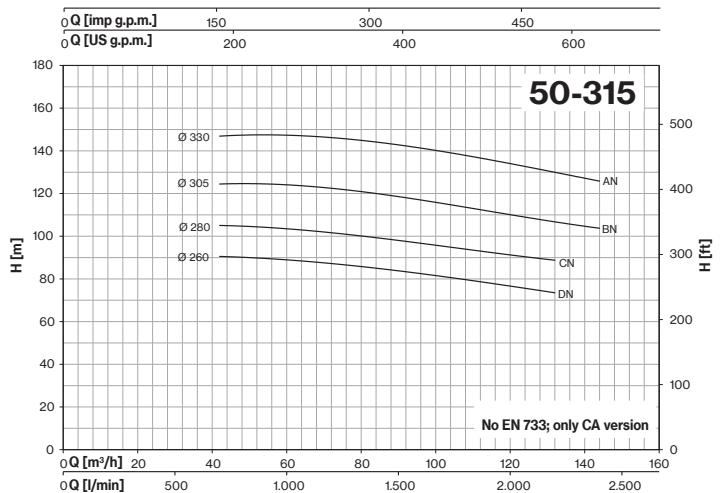
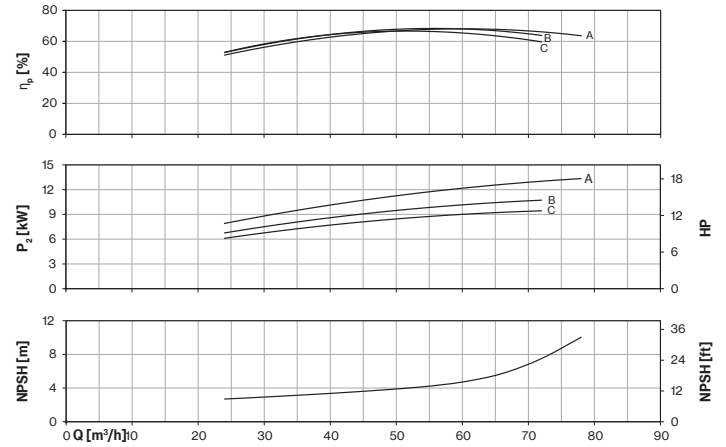
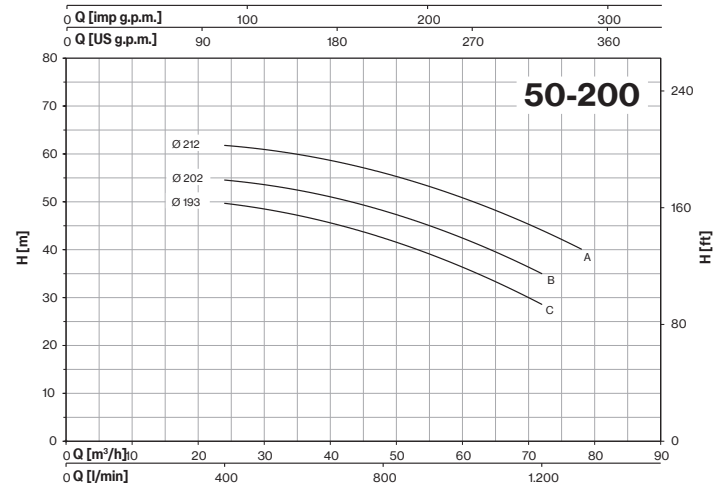
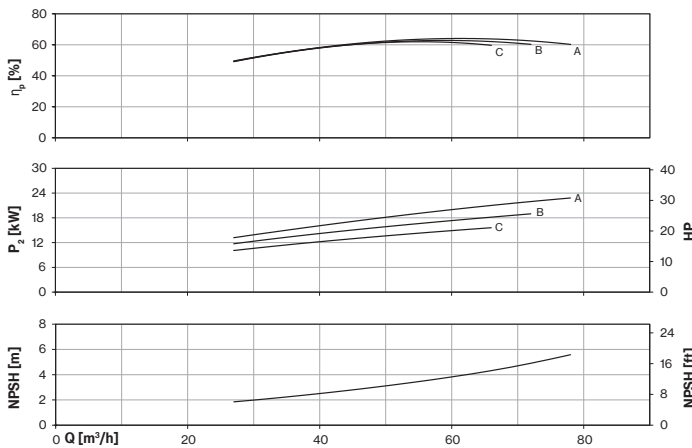
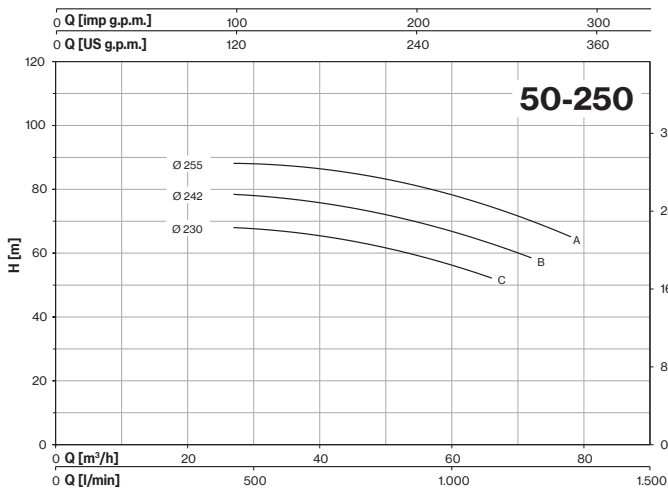
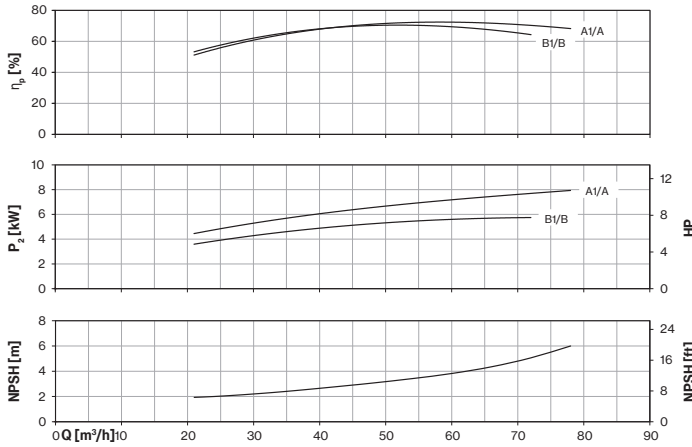
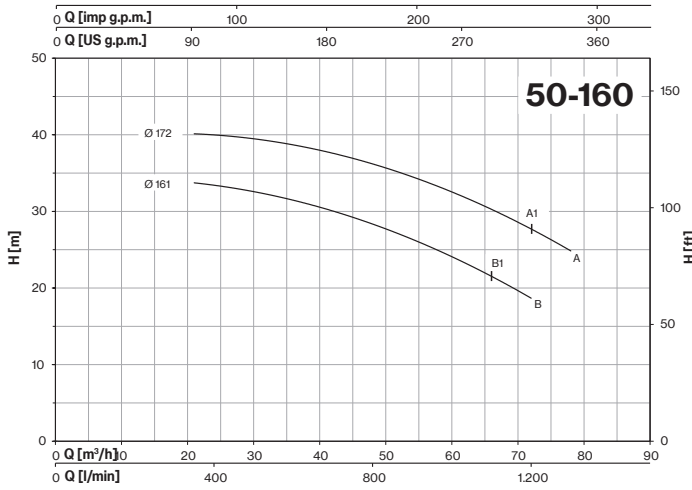
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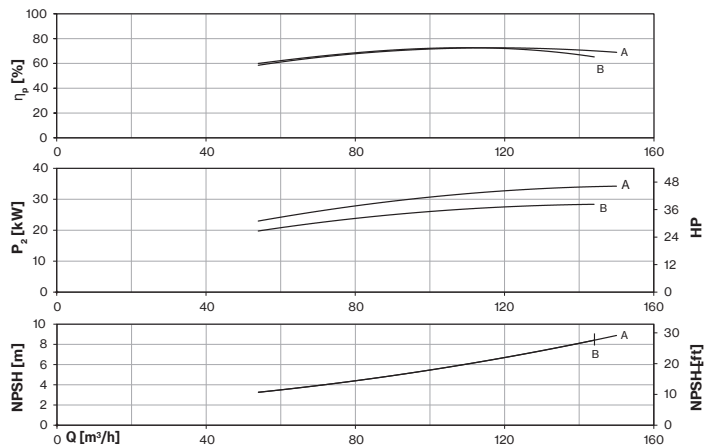
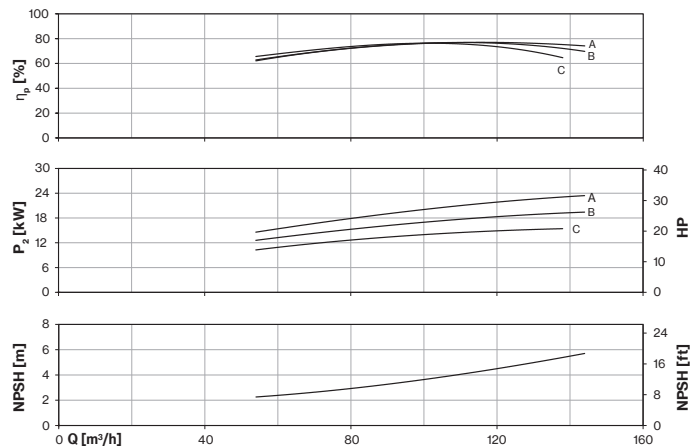
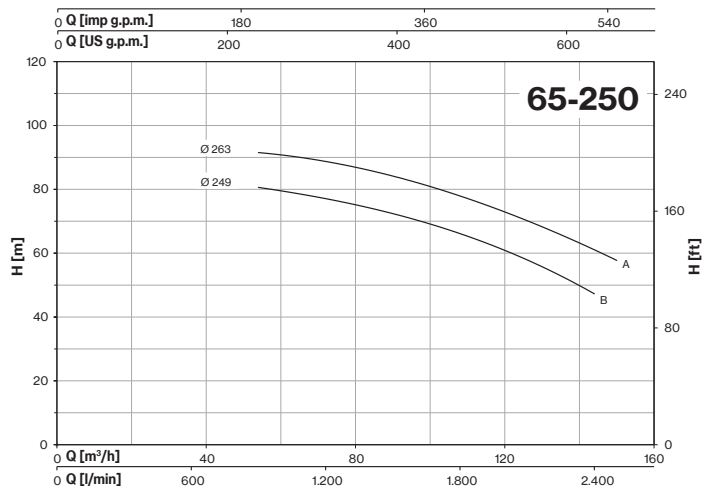
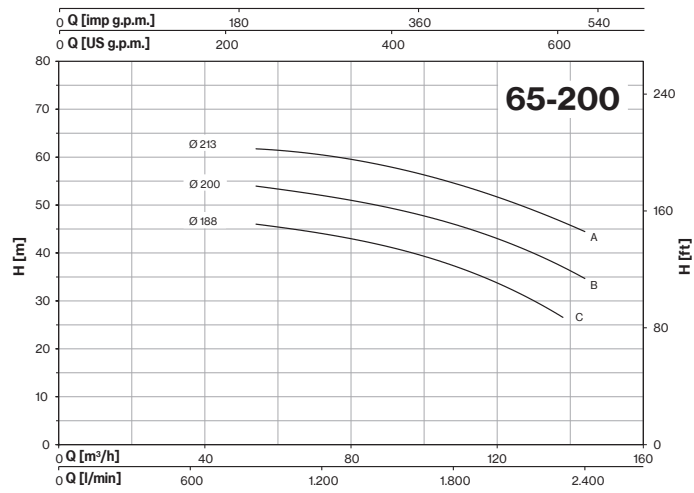
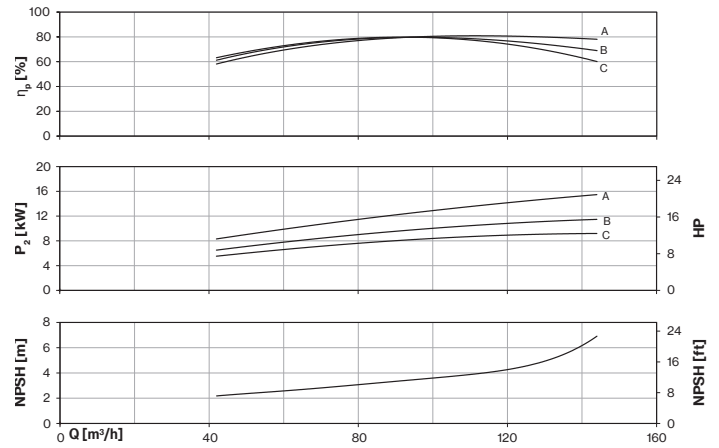
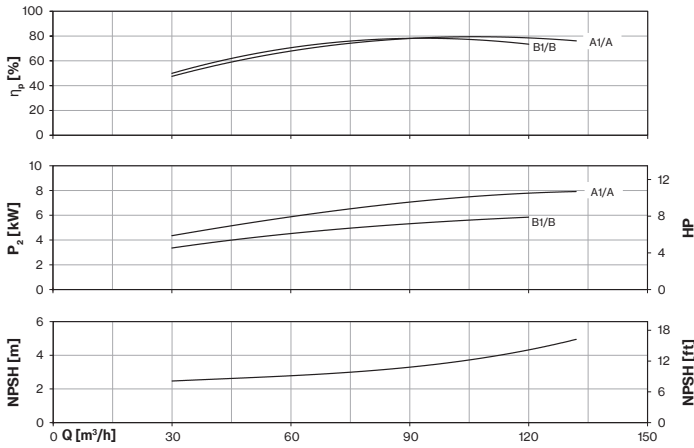
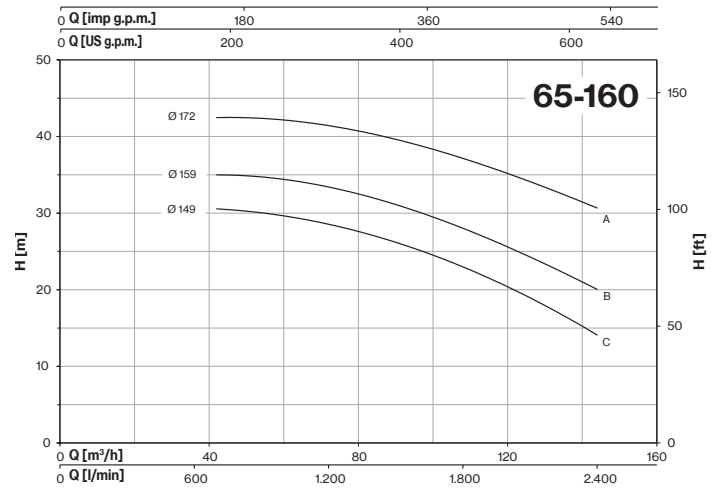
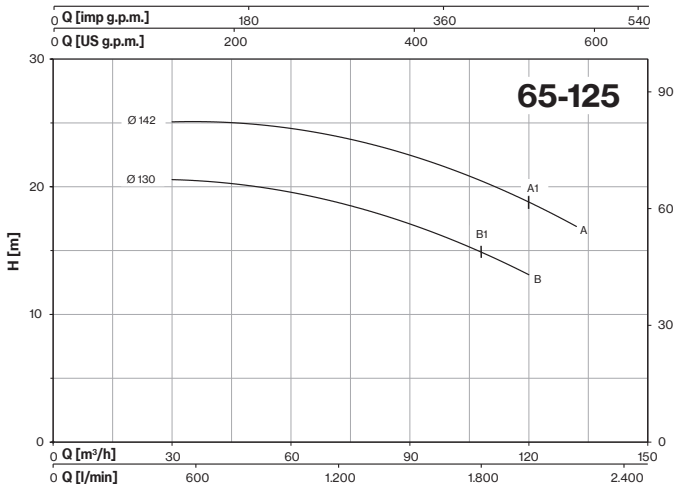


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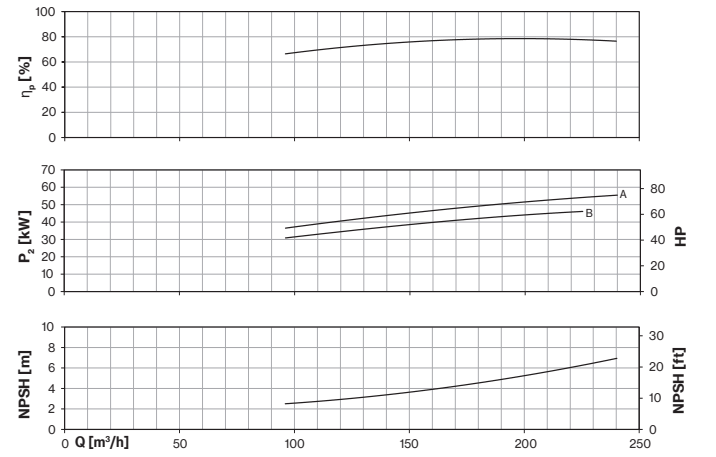
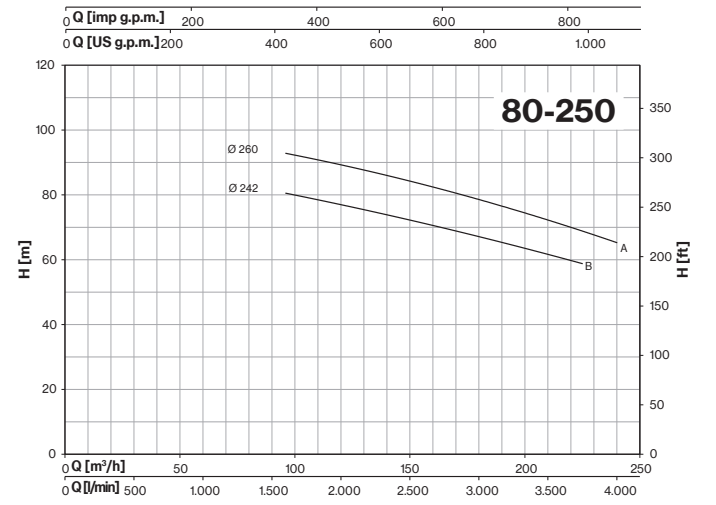
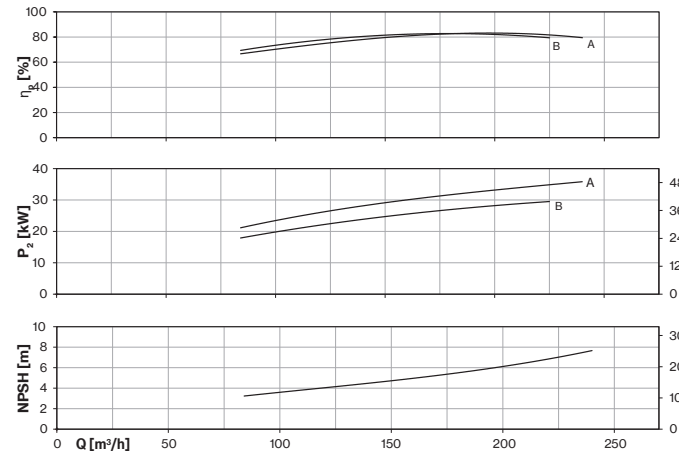
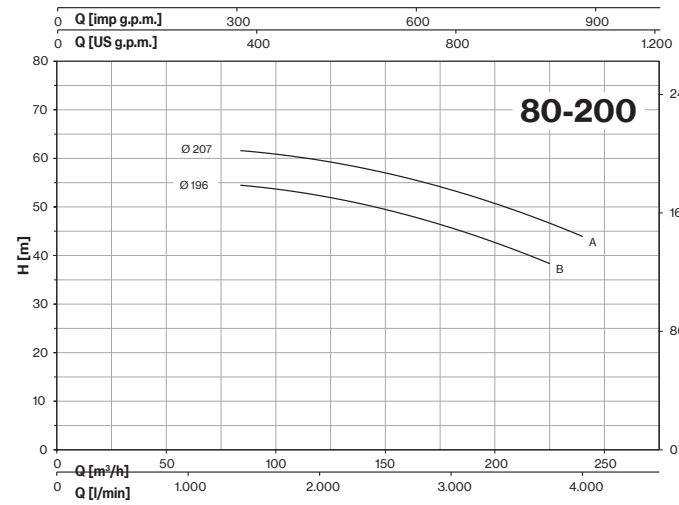
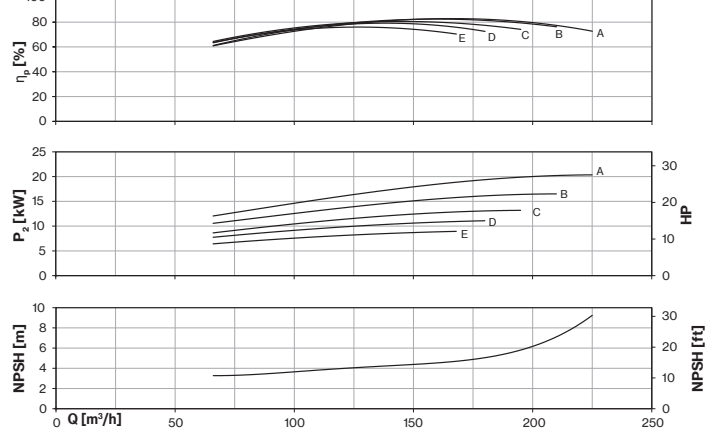
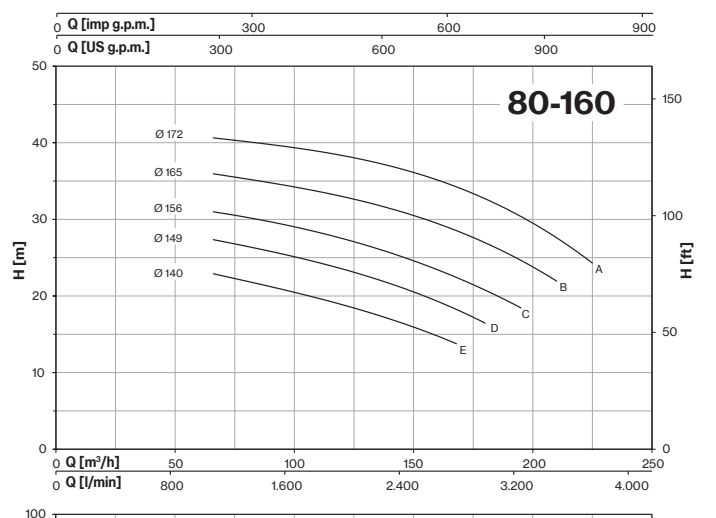
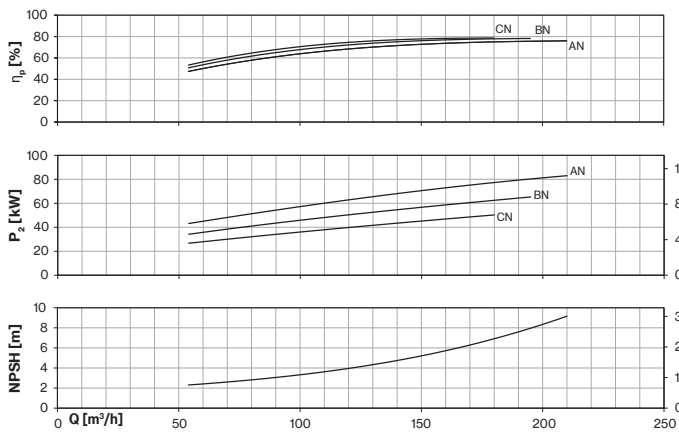
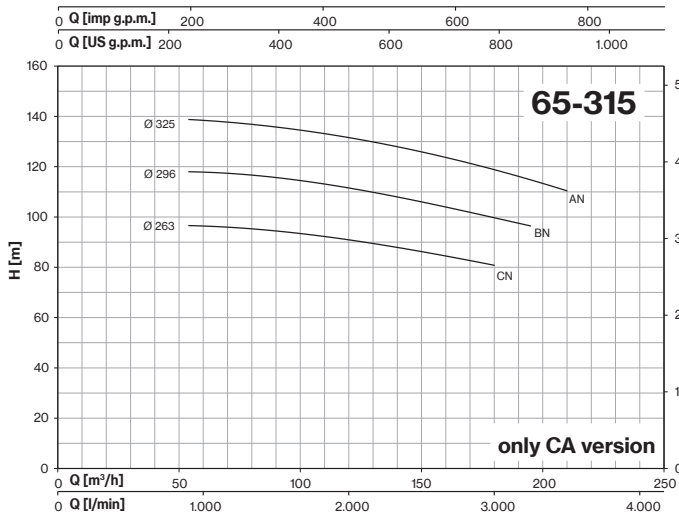


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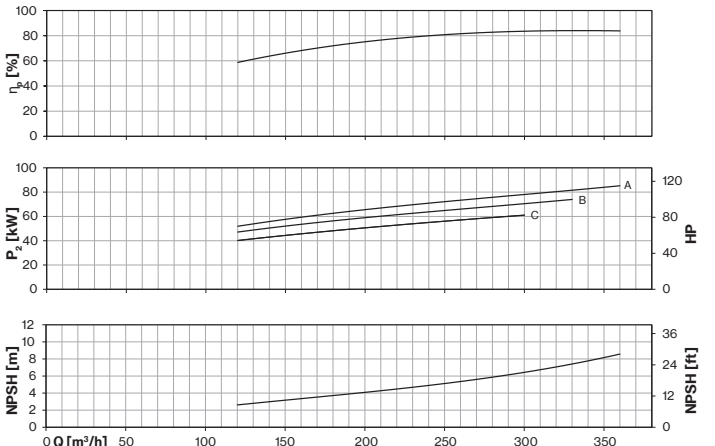
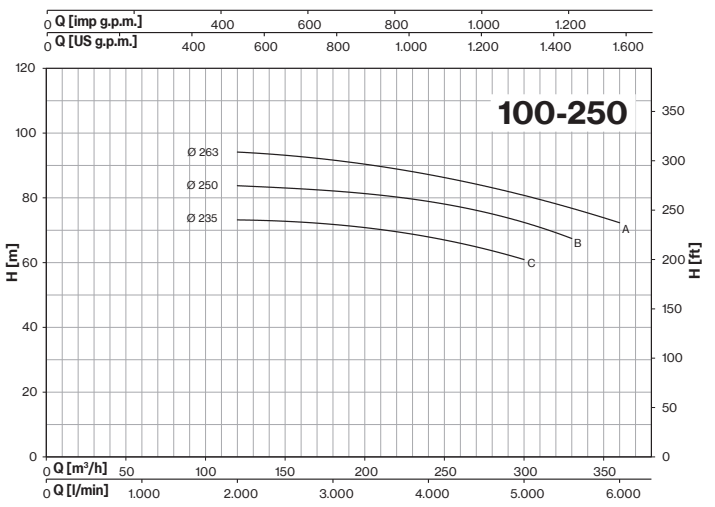
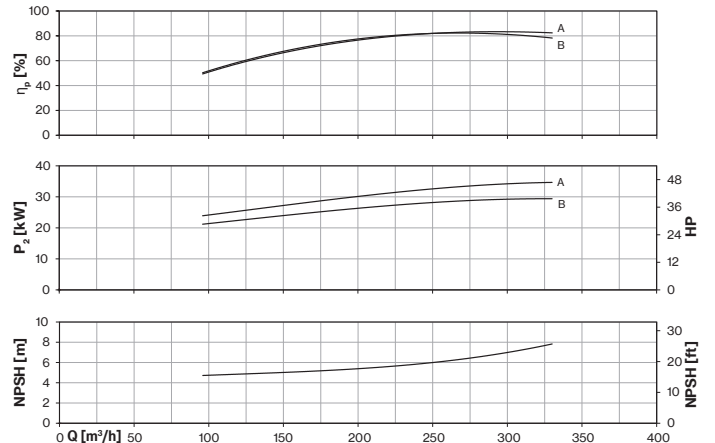
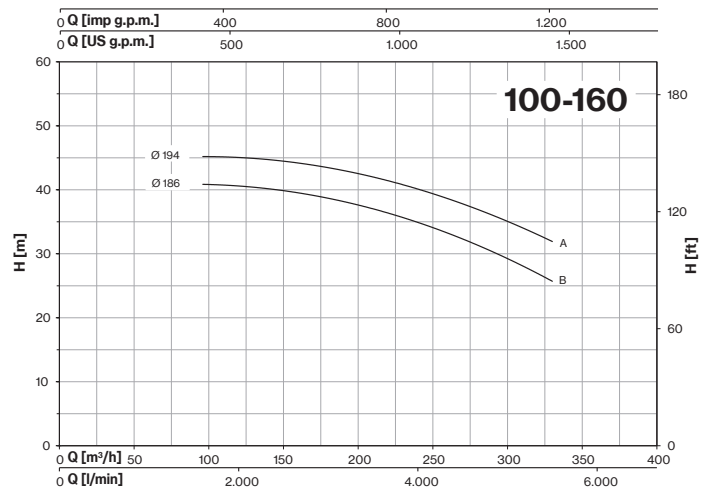
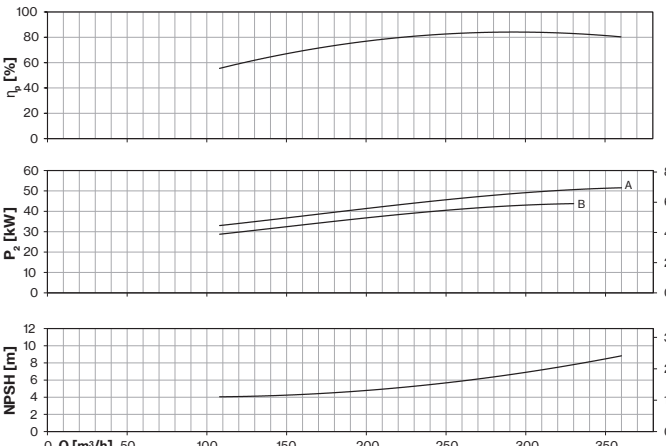
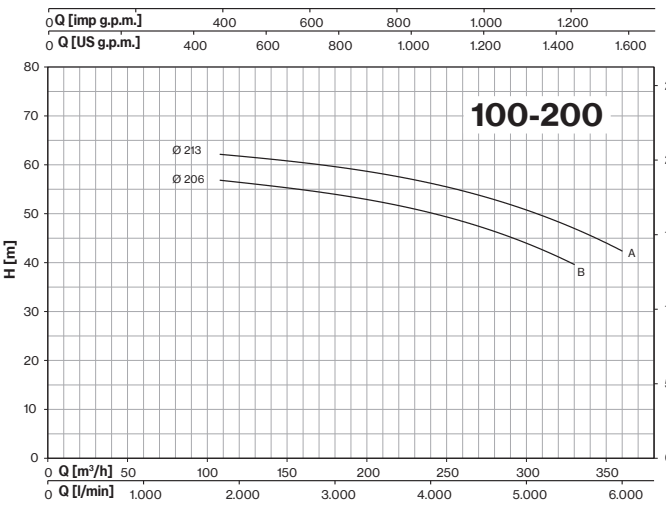
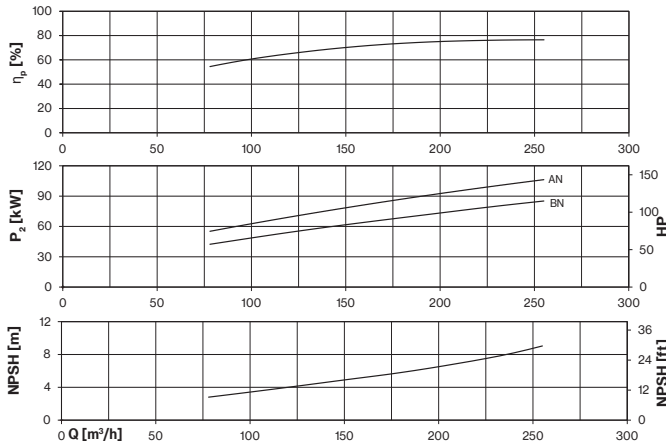
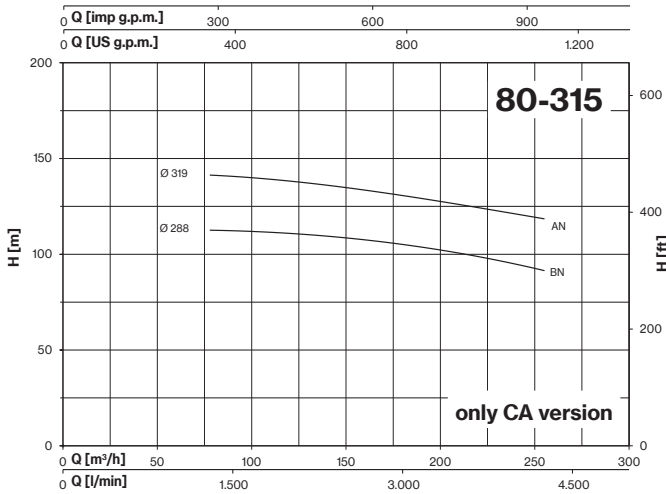


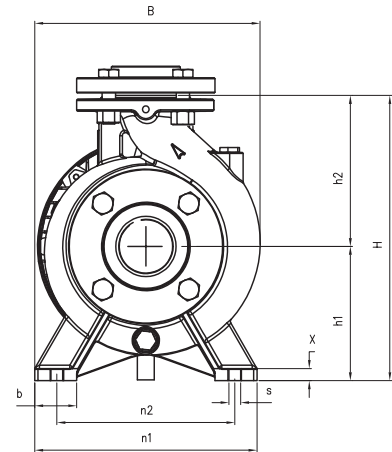
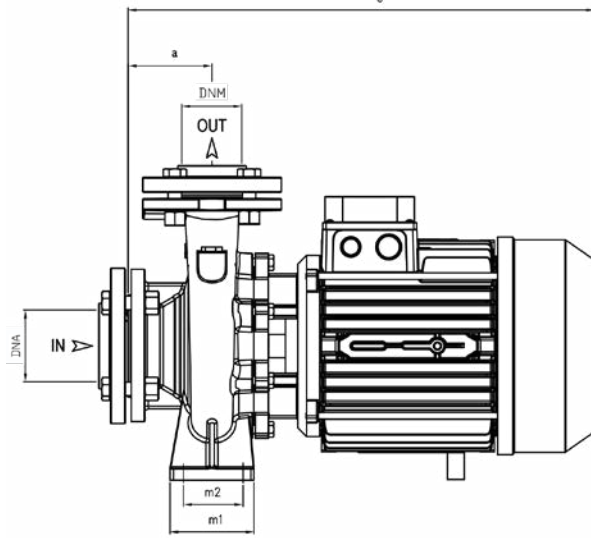
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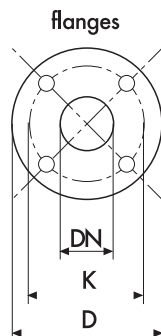





| MEC | 3~<br>TYPE | 1~<br>TYPE | DIMENSIONS (mm) |     |     |     |     |     |     |     |     |    |     |     |     |     |     | M   |       |     | Kg    |
|-----|------------|------------|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-------|-----|-------|
|     |            |            | DNA             | DNM | a   | h1  | h2  | m1  | m2  | n1  | n2  | b  | x   | s   | C   | B   | H   | I   | L     | M   |       |
| 90  | 32-160 C   | 32-160 C   | 50              | 32  | 80  | 132 | 160 | 100 | 70  | 240 | 190 | 50 | 12  | 14  | 530 | 240 | 292 | 551 | 250   | 341 | 41    |
| 90  | 32-160 B   | 32-160 B   |                 |     | 80  | 132 | 160 | 100 | 70  | 240 | 190 | 50 | 12  | 14  | 530 | 240 | 292 | 551 | 250   | 341 | 44    |
| 90  | 32-160 A   |            |                 |     | 80  | 132 | 160 | 100 | 70  | 240 | 190 | 50 | 12  | 14  | 530 | 240 | 292 | 551 | 250   | 341 | 47    |
| 112 |            | 32-200 C   |                 |     | 80  | 160 | 180 | 100 | 70  | 240 | 190 | 50 | 12  | 14  | 574 | 268 | 340 | 602 | 263   | 395 | 65,5  |
| 100 | 32-200 C   |            |                 |     | 80  | 160 | 180 | 100 | 70  | 240 | 190 | 50 | 12  | 14  | 540 | 268 | 340 | 602 | 263   | 395 | 56,5  |
| 112 | 32-200 B1  |            |                 |     | 80  | 160 | 180 | 100 | 70  | 240 | 190 | 50 | 12  | 14  | 520 | 268 | 340 | 627 | 287   | 408 | 65,5  |
| 132 | 32-200 B   |            |                 |     | 80  | 160 | 180 | 100 | 70  | 240 | 190 | 50 | 12  | 14  | 565 | 268 | 340 | 627 | 287   | 408 | 72    |
| 112 | 32-200 A1  |            |                 |     | 80  | 160 | 180 | 100 | 70  | 240 | 190 | 50 | 12  | 14  | 520 | 268 | 340 | 627 | 287   | 408 | 72    |
| 132 | 32-200 A   |            |                 |     | 80  | 160 | 180 | 100 | 70  | 240 | 190 | 50 | 12  | 14  | 565 | 268 | 340 | 627 | 287   | 408 | 79    |
| 132 | 32-250 C   |            |                 |     | 100 | 180 | 225 | 125 | 95  | 320 | 250 | 65 | 12  | 14  | 625 | 305 | 405 | 666 | 346   | 471 | 101,5 |
| 132 | 32-250 B   |            |                 |     | 100 | 180 | 225 | 125 | 95  | 320 | 250 | 65 | 14  | 14  | 625 | 305 | 405 | 666 | 346   | 471 | 105,5 |
| 160 | 32-250 A   |            |                 |     | 100 | 180 | 225 | 125 | 95  | 320 | 250 | 65 | 14  | 14  | 695 | 305 | 405 | 810 | 354   | 480 | 135,5 |
| 90  | 40-125 C   | 40-125 C   | 65              | 40  | 80  | 112 | 140 | 100 | 70  | 210 | 160 | 50 | 12  | 14  | 535 | 220 | 252 | 551 | 250   | 341 | 41,5  |
| 90  | 40-125 B   | 40-125 B   |                 |     | 80  | 112 | 140 | 100 | 70  | 210 | 160 | 50 | 12  | 14  | 535 | 220 | 252 | 551 | 250   | 341 | 44    |
| 90  | 40-125 A   |            |                 |     | 80  | 112 | 140 | 100 | 70  | 210 | 160 | 50 | 12  | 14  | 535 | 220 | 252 | 551 | 250   | 341 | 47,5  |
| 100 |            | 40-160 B   |                 |     | 80  | 132 | 160 | 100 | 70  | 240 | 190 | 50 | 12  | 14  | 535 | 245 | 292 | 551 | 250   | 341 | 56    |
| 100 | 40-160 B   |            |                 |     | 80  | 132 | 160 | 100 | 70  | 240 | 190 | 50 | 12  | 14  | 535 | 245 | 292 | 551 | 250   | 341 | 52    |
| 112 |            | 40-160 A   |                 |     | 80  | 132 | 160 | 100 | 70  | 240 | 190 | 50 | 15  | 14  | 579 | 245 | 292 | 602 | 263   | 395 | 64,5  |
| 100 | 40-160 A   |            |                 |     | 80  | 132 | 160 | 100 | 70  | 240 | 190 | 50 | 15  | 14  | 535 | 245 | 292 | 602 | 263   | 395 | 56,5  |
| 112 | 40-160 AP  |            |                 |     | 80  | 132 | 160 | 100 | 70  | 240 | 190 | 50 | 15  | 14  | 579 | 245 | 292 | 627 | 287   | 408 | 63    |
| 112 | 40-200 B1  |            |                 |     | 100 | 160 | 180 | 100 | 70  | 265 | 212 | 50 | 15  | 14  | 597 | 273 | 340 | 627 | 287   | 408 | 68    |
| 132 | 40-200 B   |            |                 |     | 100 | 160 | 180 | 100 | 70  | 265 | 212 | 50 | 15  | 14  | 590 | 273 | 340 | 627 | 287   | 408 | 74,5  |
| 112 | 40-200 A1  |            |                 |     | 100 | 160 | 180 | 100 | 70  | 265 | 212 | 50 | 15  | 14  | 597 | 273 | 340 | 627 | 287   | 408 | 74    |
| 132 | 40-200 A   |            |                 |     | 100 | 160 | 180 | 100 | 70  | 265 | 212 | 50 | 15  | 14  | 590 | 273 | 340 | 627 | 287   | 408 | 81    |
| 132 | 40-200 AP  |            | 100             | 160 | 180 | 100 | 70  | 265 | 212 | 50  | 15  | 14 | 628 | 273 | 340 | 666 | 346 | 471 | 93,5  |     |       |
| 132 | 40-250 C   |            | 100             | 180 | 225 | 125 | 95  | 320 | 250 | 65  | 15  | 14 | 630 | 322 | 405 | 666 | 346 | 471 | 100,5 |     |       |
| 132 | 40-250 B   |            | 100             | 180 | 225 | 125 | 95  | 320 | 250 | 65  | 15  | 14 | 630 | 322 | 405 | 666 | 346 | 471 | 105   |     |       |
| 160 | 40-250 A   |            | 100             | 180 | 225 | 125 | 95  | 320 | 250 | 65  | 15  | 14 | 700 | 322 | 405 | 810 | 354 | 480 | 135   |     |       |
| 132 | 40-250 BM  |            | 100             | 180 | 225 | 125 | 95  | 320 | 250 | 65  | 15  | 14 | 750 | 332 | 405 | 810 | 354 | 480 | 150   |     |       |
| 160 | 40-250 AM  |            | 100             | 180 | 225 | 125 | 95  | 320 | 250 | 65  | 15  | 14 | 750 | 332 | 405 | 810 | 354 | 480 | 160,5 |     |       |
| 100 |            | 50-125 B   | 65              | 50  | 100 | 132 | 160 | 100 | 70  | 240 | 190 | 50 | 12  | 14  | 525 | 250 | 292 | 602 | 263   | 395 | 57,5  |
| 100 | 50-125 B   |            |                 |     | 100 | 132 | 160 | 100 | 70  | 240 | 190 | 50 | 12  | 14  | 560 | 250 | 292 | 602 | 263   | 395 | 53,5  |
| 112 |            | 50-125 A   |                 |     | 100 | 132 | 160 | 100 | 70  | 240 | 190 | 50 | 12  | 14  | 610 | 250 | 292 | 602 | 263   | 395 | 65,5  |
| 100 | 50-125 A   |            |                 |     | 100 | 132 | 160 | 100 | 70  | 240 | 190 | 50 | 12  | 14  | 560 | 250 | 292 | 602 | 263   | 395 | 57,5  |
| 112 | 50-160 B1  |            |                 |     | 100 | 160 | 180 | 100 | 70  | 265 | 212 | 50 | 12  | 14  | 597 | 270 | 340 | 627 | 287   | 408 | 68,5  |
| 132 | 50-160 B   |            |                 |     | 100 | 160 | 180 | 100 | 70  | 265 | 212 | 50 | 12  | 14  | 590 | 270 | 340 | 627 | 287   | 408 | 74,5  |
| 112 | 50-160 A1  |            |                 |     | 100 | 160 | 180 | 100 | 70  | 265 | 212 | 50 | 12  | 14  | 597 | 270 | 340 | 627 | 287   | 408 | 74,5  |
| 132 | 50-160 A   |            |                 |     | 100 | 160 | 180 | 100 | 70  | 265 | 212 | 50 | 12  | 14  | 590 | 270 | 340 | 627 | 287   | 408 | 81    |
| 132 | 50-200 C   |            |                 |     | 100 | 160 | 200 | 100 | 70  | 265 | 212 | 50 | 12  | 14  | 635 | 290 | 360 | 666 | 346   | 471 | 98    |
| 132 | 50-200 B   |            |                 |     | 100 | 160 | 200 | 100 | 70  | 265 | 212 | 50 | 12  | 14  | 635 | 290 | 360 | 666 | 346   | 471 | 102,5 |
| 160 | 50-200 A   |            |                 |     | 100 | 160 | 200 | 100 | 70  | 265 | 212 | 50 | 12  | 14  | 705 | 290 | 360 | 810 | 354   | 480 | 132,5 |
| 160 | 50-250 C   |            |                 |     | 100 | 180 | 225 | 125 | 95  | 320 | 250 | 65 | 14  | 14  | 705 | 332 | 405 | 810 | 354   | 480 | 139   |
| 160 | 50-250 B   |            | 100             | 180 | 225 | 125 | 95  | 320 | 250 | 65  | 14  | 14 | 750 | 332 | 405 | 810 | 354 | 480 | 154   |     |       |
| 160 | 50-250 A   |            | 100             | 180 | 225 | 125 | 95  | 320 | 250 | 65  | 14  | 14 | 750 | 332 | 405 | 810 | 354 | 480 | 164   |     |       |


| MEC | 3-<br>TYPE | 1-<br>TYPE | DIMENSIONS (mm) |     |     |     |     |     |     |     |     |     |     |    |     |     |     |     |     | Kg  |       |     |     |
|-----|------------|------------|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-------|-----|-----|
|     |            |            | DNA             | DNM | a   | h1  | h2  | m1  | m2  | n1  | n2  | b   | x   | s  | C   | B   | H   | I   | L   |     | M     |     |     |
| 112 | 65-125 B1  |            | 80              | 65  | 100 | 160 | 180 | 125 | 95  | 280 | 212 | 65  | 14  | 14 | 612 | 280 | 340 | 627 | 287 | 408 | 70    |     |     |
| 132 | 65-125 B   |            |                 |     | 100 | 160 | 180 | 125 | 95  | 280 | 212 | 65  | 14  | 14 | 605 | 280 | 340 | 627 | 287 | 408 | 76,5  |     |     |
| 112 | 65-125 A1  |            |                 |     | 100 | 160 | 180 | 125 | 95  | 280 | 212 | 65  | 14  | 14 | 612 | 280 | 340 | 627 | 287 | 408 | 76,5  |     |     |
| 132 | 65-125 A   |            |                 |     | 100 | 160 | 180 | 125 | 95  | 280 | 212 | 65  | 14  | 14 | 605 | 280 | 340 | 627 | 287 | 408 | 83    |     |     |
| 132 | 65-160 C   |            |                 |     | 100 | 160 | 200 | 125 | 95  | 280 | 212 | 65  | 14  | 14 | 635 | 290 | 360 | 666 | 346 | 471 | 99,5  |     |     |
| 132 | 65-160 B   |            |                 |     | 100 | 160 | 200 | 125 | 95  | 280 | 212 | 65  | 14  | 14 | 635 | 290 | 360 | 666 | 346 | 471 | 103,5 |     |     |
| 160 | 65-160 A   |            |                 |     | 100 | 160 | 200 | 125 | 95  | 280 | 212 | 65  | 14  | 14 | 705 | 290 | 360 | 810 | 354 | 480 | 135   |     |     |
| 160 | 65-200 C   |            |                 |     | 100 | 180 | 225 | 125 | 95  | 320 | 250 | 65  | 14  | 14 | 705 | 330 | 405 | 810 | 354 | 480 | 138,5 |     |     |
| 160 | 65-200 B   |            |                 |     | 100 | 180 | 225 | 125 | 95  | 320 | 250 | 65  | 14  | 14 | 750 | 330 | 405 | 810 | 354 | 480 | 153   |     |     |
| 160 | 65-200 A   |            |                 |     | 100 | 180 | 225 | 125 | 95  | 320 | 250 | 65  | 14  | 14 | 750 | 330 | 405 | 810 | 354 | 480 | 163,5 |     |     |
| 180 | 65-250 B   |            |                 |     | 100 | 200 | 250 | 160 | 120 | 360 | 280 | 80  | 16  | 19 | 820 | 370 | 450 | 920 | 420 | 625 | 203,5 |     |     |
| 180 | 65-250 A   |            |                 |     | 100 | 200 | 250 | 160 | 120 | 360 | 280 | 80  | 16  | 19 | 860 | 370 | 450 | 920 | 420 | 625 | 226   |     |     |
| 132 | 80-160 E   |            |                 |     | 100 | 80  | 125 | 180 | 225 | 125 | 95  | 320 | 250 | 65 | 14  | 14  | 665 | 330 | 405 | 810 | 354   | 480 | 110 |
| 132 | 80-160 D   |            |                 |     |     |     | 125 | 180 | 225 | 125 | 95  | 320 | 250 | 65 | 14  | 14  | 665 | 330 | 405 | 810 | 354   | 480 | 114 |
| 160 | 80-160 C   |            | 125             | 180 |     |     | 225 | 125 | 95  | 320 | 250 | 65  | 14  | 14 | 735 | 330 | 405 | 810 | 354 | 480 | 143   |     |     |
| 160 | 80-160 B   |            | 125             | 180 |     |     | 225 | 125 | 95  | 320 | 250 | 65  | 14  | 14 | 780 | 330 | 405 | 810 | 354 | 480 | 157,5 |     |     |
| 160 | 80-160 A   |            | 125             | 180 |     |     | 225 | 125 | 95  | 320 | 250 | 65  | 14  | 14 | 780 | 330 | 405 | 810 | 354 | 480 | 168   |     |     |
| 180 | 80-200 B   |            | 125             | 180 |     |     | 250 | 125 | 95  | 345 | 280 | 65  | 16  | 14 | 840 | 355 | 430 | 920 | 420 | 625 | 200   |     |     |
| 180 | 80-200 A   |            | 125             | 180 |     |     | 250 | 125 | 95  | 345 | 280 | 65  | 16  | 14 | 880 | 355 | 430 | 920 | 420 | 625 | 222   |     |     |
| 180 | 100-160 B  |            | 125             | 100 |     |     | 125 | 200 | 280 | 160 | 120 | 360 | 280 | 80 | 18  | 18  | 842 | 390 | 480 | 920 | 420   | 625 | 208 |
| 180 | 100-160 A  |            |                 |     | 125 | 200 | 280 | 160 | 120 | 360 | 280 | 80  | 18  | 18 | 882 | 390 | 480 | 920 | 420 | 625 | 230,5 |     |     |

| DIMENSIONS (mm) |     |     |       |    |
|-----------------|-----|-----|-------|----|
| DN              | D   | K   | holes |    |
|                 |     |     | n°    | Ø  |
| 32              | 140 | 100 | 4     | 18 |
| 40              | 150 | 110 | 4     | 18 |
| 50              | 165 | 125 | 4     | 18 |
| 65              | 185 | 145 | 4     | 18 |
| 80              | 200 | 160 | 8     | 18 |
| 100             | 220 | 180 | 8     | 18 |
| 125             | 250 | 210 | 8     | 18 |



# CM Serie-Mechanical seal and bearings

| MECHANICAL SEAL   | PUMP MODEL   | SHAFT Ø |  | STANDARD MATERIAL             | OPTIONAL                       |                               |                    |                   |  |
|---|--|---------|--|-------------------------------|--------------------------------|-------------------------------|--------------------|-------------------|--|
|   |  |         |  |                               |                                |                               |                    |                   |  |
|  | CM32-160C, CM32-160B, CM32-160A, CM40-125C, CM40-125B, CM40-125A   | 20mm    | <b>Rotating face</b><br><b>Stationary face</b><br><b>Elastomer</b> | Ceramic<br>Graphite<br>NBR    | Ceramic<br>Graphite<br>EPDM    | -<br>-<br>-                   | SiC<br>SiC<br>EPDM | SiC<br>SiC<br>FKM |  |
|   | CM40-250BM, CM40-250AM   | 28mm    | <b>Rotating face</b><br><b>Stationary face</b><br><b>Elastomer</b> | Ceramic<br>Graphite<br>EPDM   | -<br>-<br>-                    | -<br>-<br>-                   | SiC<br>SiC<br>EPDM | SiC<br>SiC<br>FKM |  |
|   | CM32-200C, CM32-200B1, CM32-200B, CM32-200A1, CM32-200A, CM32-250C, CM32-250B, CM32-250A, CM40-160B, CM40-160A, CM40-160AP, CM40-200B1, CM40-200B, CM40-200A1, CM40-200A, CM40-200AP, CM40-250C, CM40-250B, CM40-250A, CM50-125B, CM50-125A, CM50-160B1, CM50-160B, CM50-160A1, CM50-160A, CM50-200C, CM50-200B, CM50-200A, CM50-250C, CM50-250B, CM50-250A, CM65-125B1, CM65-125B, CM65-125A1, CM65-125A, CM65-160C, CM65-160B, CM65-160A, CM65-200C, CM65-200B, CM65-200A, CM80-160E, CM80-160D, CM80-160C, CM80-160B, CM80-160A | 28mm    | <b>Rotating face</b><br><b>Stationary face</b><br><b>Elastomer</b> | Ceramic<br>Graphite<br>NBR    | Ceramic<br>Graphite<br>EPDM    | Ceramic<br>Graphite<br>FKM    | SiC<br>SiC<br>EPDM | SiC<br>SiC<br>FKM |  |
|   | CM65-250B, CM65-250A, CM80-200B, CM80-200A, CM100-160B, CM100-160A   | 40mm    | <b>Rotating face</b><br><b>Stationary face</b><br><b>Elastomer</b> | CrNi-steel<br>Graphite<br>NBR | CrNi-steel<br>Graphite<br>EPDM | CrNi-steel<br>Graphite<br>FKM | SiC<br>SiC<br>EPDM | SiC<br>SiC<br>FKM |  |

| BEARINGS  | PUMP MODEL  | TYPE       |            |
|---|---|------------|------------|
|   |   |            |            |
|  | 3-CM32-200C, CM40-160B, 3-CM40-160A, CM50-125B, 3-CM50-125A   | 6204-ZZ    | 6206-ZZ C3 |
|   | CM32-160C, CM32-160B, CM32-160A, CM40-125C, CM40-125B, CM40-125A  | 6205-ZZ C3 | 6203-ZZ    |
|   | 1-CM32-200C, CM32-200B1, CM32-200B, CM32-200A1, CM32-200A, CM32-250C, CM32-250B, 1-CM40-160A, CM40-160AP, CM40-200B1, CM40-200B, CM40-200A1, CM40-200A, CM40-200AP, CM40-250C, CM40-250B, 1-CM50-125A, CM50-160B1, CM50-160B, CM50-160A1, CM50-160A, CM50-200C, CM50-200B, CM65-125B1, CM65-125B, CM65-125A1, CM65-125A, CM65-160C, CM65-160B, CM80-160E, CM80-160D | 6206-ZZ C3 | 6306-ZZ C3 |
|   | CM32-250A, CM40-250A, CM40-250BM, CM40-250AM, CM50-200A, CM50-250C, CM50-250B, CM50-250A, CM65-160A, CM65-200C, CM65-200B, CM65-200A, CM80-160C, CM80-160B, CM80-160A   | 6308-ZZ C3 | 6309-ZZ C3 |
|   | CM65-250B, CM65-250A, CM80-200B, CM80-200A, CM100-160B, CM100-160A  | 6309-ZZ C3 | 6310-ZZ C3 |