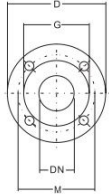
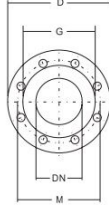


Flange Dimensions



PN16 FLANGES

| DN | D | M | G | HOLES N° | ∅ | MAX. THICKNESS |
|----|-----|-----|-----|-------------|----|-------------------|
| 32 | 140 | 100 | 78 | 4 | 18 | 18 |
| 40 | 150 | 110 | 88 | 4 | 18 | 18 |
| 50 | 165 | 125 | 102 | 4 | 18 | 20 |
| 65 | 185 | 145 | 122 | 4 | 18 | 20 |

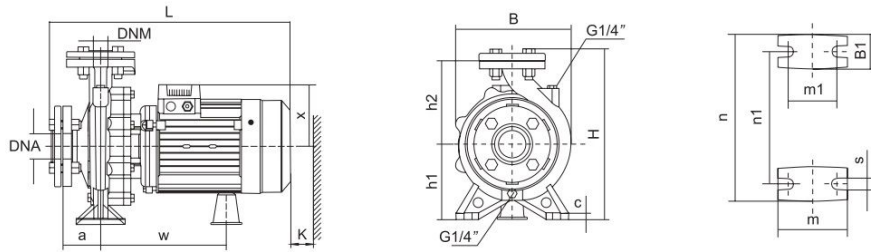


PN16 FLANGES

| DN | D | M | G | HOLES N° | ∅ | MAX. THICKNESS |
|-----|-----|-----|-----|-------------|----|-------------------|
| 80 | 200 | 160 | 138 | 8 | 18 | 22 |
| 100 | 220 | 180 | 158 | 8 | 18 | 22 |

Installation Sketch

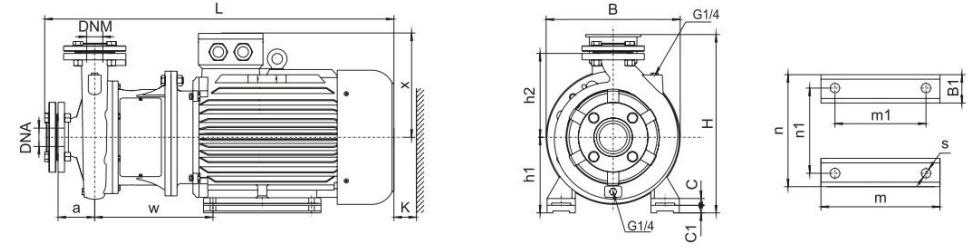
up to 7.5 kW included



| MODEL | DNM | DNA | a | w | x | h2 | B1 | c | h1 | m | m1 | n | n1 | s | B | H | L | K | | | | | | | | | | | | | | | | | | |
|-----------|-----|-----|-----|-----|-----|-----|----|----|-----|-----|----|-----|-----|----|-----|-----|-----|-----|----|----|-----|-----|-----|-----|----|----|-----|-----|----|-----|-----|----|-----|-----|-----|-----|
| 32-125/7 | 32 | 50 | 80 | 223 | 113 | 140 | 48 | 12 | 112 | 100 | 70 | 190 | 140 | 15 | 192 | 281 | 427 | 85 | | | | | | | | | | | | | | | | | | |
| 32-125/11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32-160/15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32-160/22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32-160/30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32-200/30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32-200/40 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32-250/55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32-250/75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40-125/11 | | | | | | | | | | | | | | | | | | | 40 | 65 | 80 | 255 | 127 | 140 | 45 | 12 | 112 | 100 | 70 | 210 | 160 | 15 | 218 | 282 | 489 | 95 |
| 40-125/15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40-125/22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40-160/30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40-160/40 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40-200/55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40-200/75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50-125/22 | 50 | 65 | 100 | 262 | 127 | 160 | 50 | 12 | 132 | 100 | 70 | 240 | 190 | 15 | 243 | 322 | 518 | 110 | | | | | | | | | | | | | | | | | | |
| 50-125/30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50-125/40 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50-160/55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50-160/75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 65-125/40 | | | | | | | | | | | | | | | | | | | 65 | 80 | 100 | 265 | 180 | 180 | 68 | 14 | 160 | 125 | 95 | 280 | 212 | 15 | 283 | 372 | 564 | 594 |
| 65-125/55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 65-125/75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Installation Sketch

From 7.5 kW



| MODEL | DNM | DNA | a | w | x | h2 | B1 | C | C1 | h1 | m | m1 | n | n1 | s | B | H | L | K | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|------|------|-----|------|------|-----|------|-----|-----|-----|-----|
| 40-250/92 | 40 | 65 | 100 | 310 | 260 | 225 | 65 | 20 | 20 | 180 | 260 | 210 | 320 | 254 | 14.5 | 350 | 440 | 845 | 110 | | | | | |
| 40-250/110 | | | | | | | | | | | | | | | | | | | | | | | | |
| 40-250/150 | | | | | | | | | | | | | | | | | | | | | | | | |
| 50-200/92 | 50 | 65 | 100 | 310 | 260 | 225 | 65 | 20 | 20 | 180 | 260 | 210 | 320 | 254 | 14.5 | 350 | 420 | 845 | 120 | | | | | |
| 50-200/110 | | | | | | | | | | | | | | | | | | | | | | | | |
| 50-250/150 | | | | | | | | | | | | | | | | | | | | | | | | |
| 50-250/185 | | | | | | 70 | 25 | - | 180 | 304 | 254 | 355 | 279 | 440 | 895 | 925 | | | | | | | | |
| 50-250/220 | | | | | | | | | | | | | | | | | | | | | | | | |
| 65-160/92 | | | | | | | | | | | | | | | | | | | | | | | | |
| 65-160/110 | | | | | | | | | | | | | | | | | | | | | | | | |
| 65-160/150 | | | | | | 65 | 80 | 100 | 310 | 260 | 200 | 65 | 20 | - | 160 | 260 | 210 | 320 | 254 | 14.5 | 350 | 420 | 845 | 125 |
| 65-200/150 | | | | | | | | | | | | | | | | | | | | | | | | |
| 65-200/185 | | | | | | | | | | | | | | | | | | | | | | | | |
| 65-200/220 | 70 | 22 | - | 180 | 304 | | | | | | 254 | 355 | 279 | 440 | 895 | 925 | | | | | | | | |
| 65-200/220 | | | | | | | | | | | | | | | | | | | | | | | | |
| 65-200K/185 | | | | | | | | | | | | | | | | | | | | | | | | |
| 65-200K/220 | | | | | | | | | | | | | | | | | | | | | | | | |
| 65-200K/300 | 70 | 25 | 22 | 180 | 304 | | | | | | 254 | 320 | 254 | 355 | 455 | 950 | | | | | | | | |
| 65-250/220 | | | | | | | | | | | | | | | | | | | | | | | | |
| 65-250/220 | | | | | | | | | | | | | | | | | | | | | | | | |
| 65-250/220 | | | | | | | | | | | | | | | | | | | | | | | | |
| 65-250/300 | 80 | 100 | 125 | 352 | 275 | 250 | 70 | 25 | - | 200 | 369 | 305 | 395 | 318 | 18.5 | 400 | 505 | 1026 | 120 | | | | | |
| 65-250/370 | | | | | | | | | | | | | | | | | | | | | | | | |
| 80-160/110 | | | | | | | | | | | | | | | | | | | | | | | | |
| 80-160/150 | | | | | | 75 | 28 | 28 | 225 | 404 | 311 | 435 | 356 | 18.5 | 450 | 555 | 1098 | | | | | | | |
| 80-160/185 | | | | | | | | | | | | | | | | | | | | | | | | |
| 80-200/220 | | | | | | | | | | | | | | | | | | | | | | | | |
| 80-200/300 | | | | | | | | | | | | | | | | | | | | | | | | |
| 80-250/370 | | | | | | 80 | 30 | 30 | 280 | 450 | 349 | 490 | 406 | 24 | 550 | 646 | 1192 | | | | | | | |
| 80-250/450 | | | | | | | | | | | | | | | | | | | | | | | | |
| 80-250/550 | | | | | | | | | | | | | | | | | | | | | | | | |

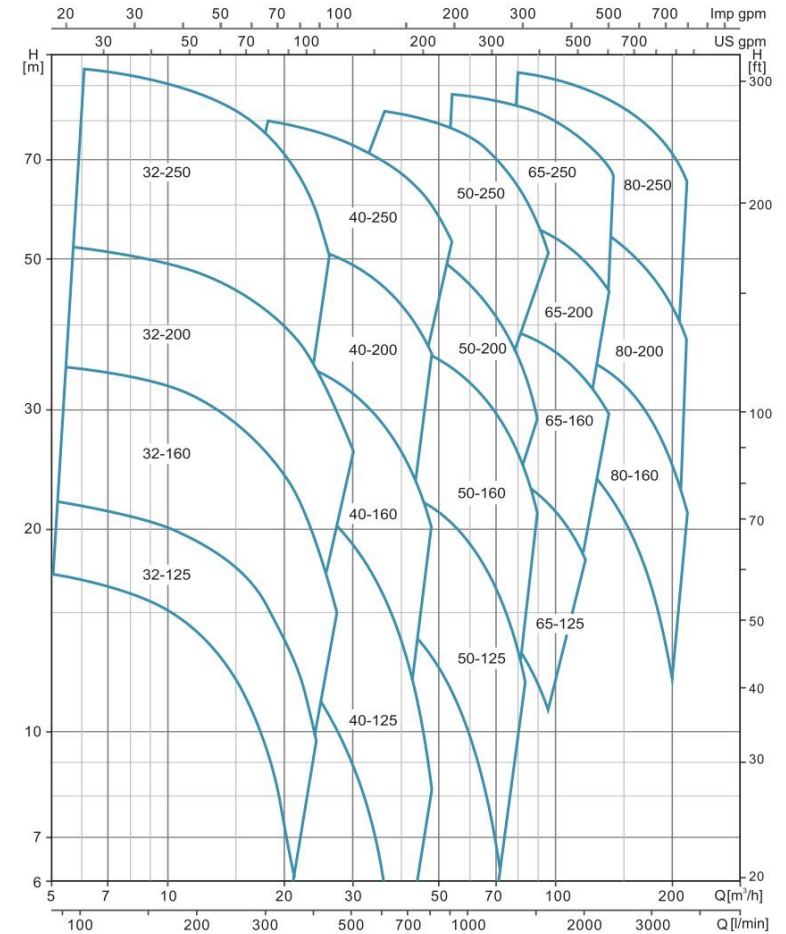
Technical Data

| PUMP TYPE | POWER kW | HP | l/min | Q=DELIVERY | | | | | | | | | | | | | | | | | | | | |
|-------------|----------|------|-------|------------|------|------|------|------|------|------|------|------|------|-----|------|------|------|------|------|------|------|------|--|--|
| | | | | 0 | 100 | 150 | 250 | 300 | 400 | 450 | 600 | 700 | 800 | 900 | 1200 | 1400 | 1500 | 1800 | 2000 | 2300 | 3000 | 3500 | | |
| 32-125/07★ | 0.75 | 1 | 17.5 | 16.7 | 15 | 12 | 9 | | | | | | | | | | | | | | | | | |
| 32-125/11★ | 1.1 | 1.5 | 22 | 21 | 19.7 | 16.5 | 14.5 | 9 | | | | | | | | | | | | | | | | |
| 32-160/15★ | 1.5 | 2 | 25.4 | 23.7 | 22.5 | 18.5 | 15.8 | | | | | | | | | | | | | | | | | |
| 32-160/22★ | 2.2 | 3 | 31 | 29.6 | 28.5 | 24.5 | 22 | 15 | | | | | | | | | | | | | | | | |
| 32-160/30★ | 3 | 4 | 35 | 34.3 | 34 | 28 | 25.5 | 19 | 15 | | | | | | | | | | | | | | | |
| 32-200/30★ | 3 | 4 | 44.2 | 43 | 39.8 | 35.2 | 32.2 | 24.6 | 19.8 | | | | | | | | | | | | | | | |
| 32-200/40★ | 4 | 5.5 | 54.5 | 52 | 50 | 45.5 | 41.9 | 35 | 30.3 | | | | | | | | | | | | | | | |
| 32-250/55★ | 5.5 | 7.5 | 79.5 | 74.7 | 71.8 | 63 | 56 | 37.5 | | | | | | | | | | | | | | | | |
| 32-250/75★ | 7.5 | 10 | 99.5 | 95 | 91.8 | 83 | 76 | 57.8 | | | | | | | | | | | | | | | | |
| 40-125/11 | 1.1 | 1.5 | 14.7 | | | | 13.5 | 11.5 | 10.1 | 5.8 | | | | | | | | | | | | | | |
| 40-125/15 | 1.5 | 2 | 18.1 | | | | 17 | 15 | 13.9 | 9.6 | 6 | | | | | | | | | | | | | |
| 40-125/22 | 2.2 | 3 | 24.5 | | | | 23.2 | 21.5 | 20.2 | 16 | 13 | 8.3 | | | | | | | | | | | | |
| 40-160/30 | 3 | 4 | 31.8 | | | | 29.5 | 27.5 | 26.3 | 21.5 | 17.5 | | | | | | | | | | | | | |
| 40-160/40 | 4 | 5.5 | 38 | | | | 36 | 34 | 33 | 28.5 | 25 | 20.1 | | | | | | | | | | | | |
| 40-200/55★ | 5.5 | 7.5 | 46 | | | | 43.8 | 41.3 | 40.1 | 35 | 30 | | | | | | | | | | | | | |
| 40-200/75★ | 7.5 | 10 | 57 | | | | 53.6 | 51.5 | 50 | 45 | 41 | 36.5 | | | | | | | | | | | | |
| 40-250/92★ | 9.2 | 12.5 | 64 | | | | 59 | 56.5 | 55 | 49.5 | 45 | 39.8 | | | | | | | | | | | | |
| 40-250/110★ | 11 | 15 | 72 | | | | 67.5 | 65 | 63.5 | 57.5 | 52.2 | 47 | | | | | | | | | | | | |
| 40-250/150★ | 15 | 20 | 84.5 | | | | 80 | 77.3 | 75.2 | 71 | 65 | 61 | | | | | | | | | | | | |
| 50-125/22 | 2.2 | 3 | 17 | | | | 15.4 | 14 | 12.8 | 11.5 | 6.5 | | | | | | | | | | | | | |
| 50-125/30 | 3 | 4 | 20 | | | | 18.8 | 18 | 17 | 15.6 | 11 | | | | | | | | | | | | | |
| 50-125/40 | 4 | 5.5 | 24 | | | | 23.1 | 23 | 21.5 | 20.3 | 15.8 | 11.8 | | | | | | | | | | | | |
| 50-160/55 | 5.5 | 7.5 | 32 | | | | 30.6 | 30 | 28 | 26.6 | 20.5 | 14.8 | | | | | | | | | | | | |
| 50-160/75 | 7.5 | 10 | 40 | | | | 38 | 37 | 36 | 34.4 | 29 | 24 | 21 | | | | | | | | | | | |
| 50-200/92★ | 9.2 | 12.5 | 50.5 | | | | 46.8 | 45 | 43 | 40.9 | 32.5 | 25.7 | | | | | | | | | | | | |
| 50-200/110★ | 11 | 15 | 57.5 | | | | 53.5 | 52 | 50 | 47.5 | 40 | 33 | 29 | | | | | | | | | | | |
| 50-250/150★ | 15 | 20 | 68.5 | | | | 64 | 63 | 61.5 | 59 | 50 | 41 | | | | | | | | | | | | |
| 50-250/185★ | 18.5 | 25 | 77 | | | | 73.2 | 72 | 70 | 68 | 60.5 | 51.5 | 47 | | | | | | | | | | | |
| 50-250/220★ | 22 | 30 | 86.3 | | | | 83 | 81.5 | 80.8 | 78.7 | 70 | 61.9 | 57 | | | | | | | | | | | |
| 65-125/40 | 4 | 5.5 | 19 | | | | 17.3 | 16.8 | 14.5 | 13 | 11.8 | | | | | | | | | | | | | |
| 65-125/55 | 5.5 | 7.5 | 23 | | | | 21.3 | 20.9 | 19 | 17.5 | 16.7 | 13.7 | | | | | | | | | | | | |
| 65-125/75 | 7.5 | 10 | 27 | | | | 26 | 25.6 | 24.5 | 23 | 22.5 | 20 | 18 | | | | | | | | | | | |
| 65-160/92 | 9.2 | 12.5 | 33 | | | | 31.5 | 30 | 28 | 27.1 | 24 | 21.5 | | | | | | | | | | | | |
| 65-160/110 | 11 | 15 | 36 | | | | 34.5 | 33 | 31.5 | 30.8 | 28 | 25.5 | | | | | | | | | | | | |
| 65-160/150 | 15 | 20 | 42 | | | | 41 | 40 | 38.5 | 37.8 | 35 | 33 | 29.5 | | | | | | | | | | | |
| 65-200/150 | 15 | 20 | 45.5 | | | | 46 | 43.5 | 41 | 39.2 | 33 | | | | | | | | | | | | | |
| 65-200/185 | 18.5 | 25 | 53 | | | | 53.5 | 51.2 | 48.3 | 47 | 41.5 | | | | | | | | | | | | | |
| 65-200/220 | 22 | 30 | 59 | | | | 59.5 | 57.2 | 54 | 53 | 47 | 43.5 | | | | | | | | | | | | |
| 65-200K/185 | 18.5 | 25 | 41.2 | | | | 42 | 41.2 | 40.6 | 38.2 | 36.5 | 34 | | | | | | | | | | | | |
| 65-200K/220 | 22 | 30 | 48 | | | | 48 | 47.5 | 46 | 44 | 41 | | | | | | | | | | | | | |
| 65-200K/300 | 30 | 40 | 59.5 | | | | 59 | 58.5 | 58 | 56.2 | 54 | | | | | | | | | | | | | |
| 65-250/220 | 22 | 30 | 62 | | | | 61.5 | 58.2 | 56.5 | 54 | 49 | 45 | | | | | | | | | | | | |
| 65-250/300 | 30 | 40 | 76 | | | | 75 | 73 | 71.5 | 69.5 | 64.5 | 61.5 | 54 | | | | | | | | | | | |
| 65-250/370 | 37 | 50 | 90 | | | | 88.3 | 86.5 | 84 | 83 | 78 | 75 | 68 | | | | | | | | | | | |
| 80-160/110 | 11 | 15 | 27 | | | | 27.3 | 26 | 24.5 | 22.5 | 16 | | | | | | | | | | | | | |
| 80-160/150 | 15 | 20 | 32.8 | | | | 32.5 | 31.3 | 30.2 | 28.5 | 22.1 | 16.7 | | | | | | | | | | | | |
| 80-160/185 | 18.5 | 25 | 39 | | | | 38 | 36.8 | 36.7 | 33.8 | 28.8 | 23.5 | | | | | | | | | | | | |
| 80-200/220 | 22 | 30 | 48 | | | | 47.5 | 45.5 | 43.5 | 41 | 32.5 | 24.5 | | | | | | | | | | | | |
| 80-200/300 | 30 | 45 | 60 | | | | 59.5 | 58 | 57 | 54.5 | 47 | 40.5 | | | | | | | | | | | | |
| 80-250/370 | 37 | 50 | 71.5 | | | | 70.5 | 67.5 | 65.5 | 61.5 | 49.5 | 38.5 | | | | | | | | | | | | |
| 80-250/450 | 45 | 61 | 80 | | | | 80.5 | 78.5 | 76.5 | 73.4 | 63.2 | 51 | | | | | | | | | | | | |
| 80-250/550 | 55 | 75 | 92.5 | | | | 93.5 | 91.2 | 89.8 | 86.8 | 77.6 | 68.3 | | | | | | | | | | | | |

★ = Stainless steel impeller

Characteristic Curves

| | | |
|-----|----------|------------------|
| XST | ~2900rpm | ISO 9906 Annex A |
|-----|----------|------------------|



XST

Standard Centrifugal Pump

Hydraulic Performance Curves

XST50-200

~2900rpm

ISO 9906 Annex A

