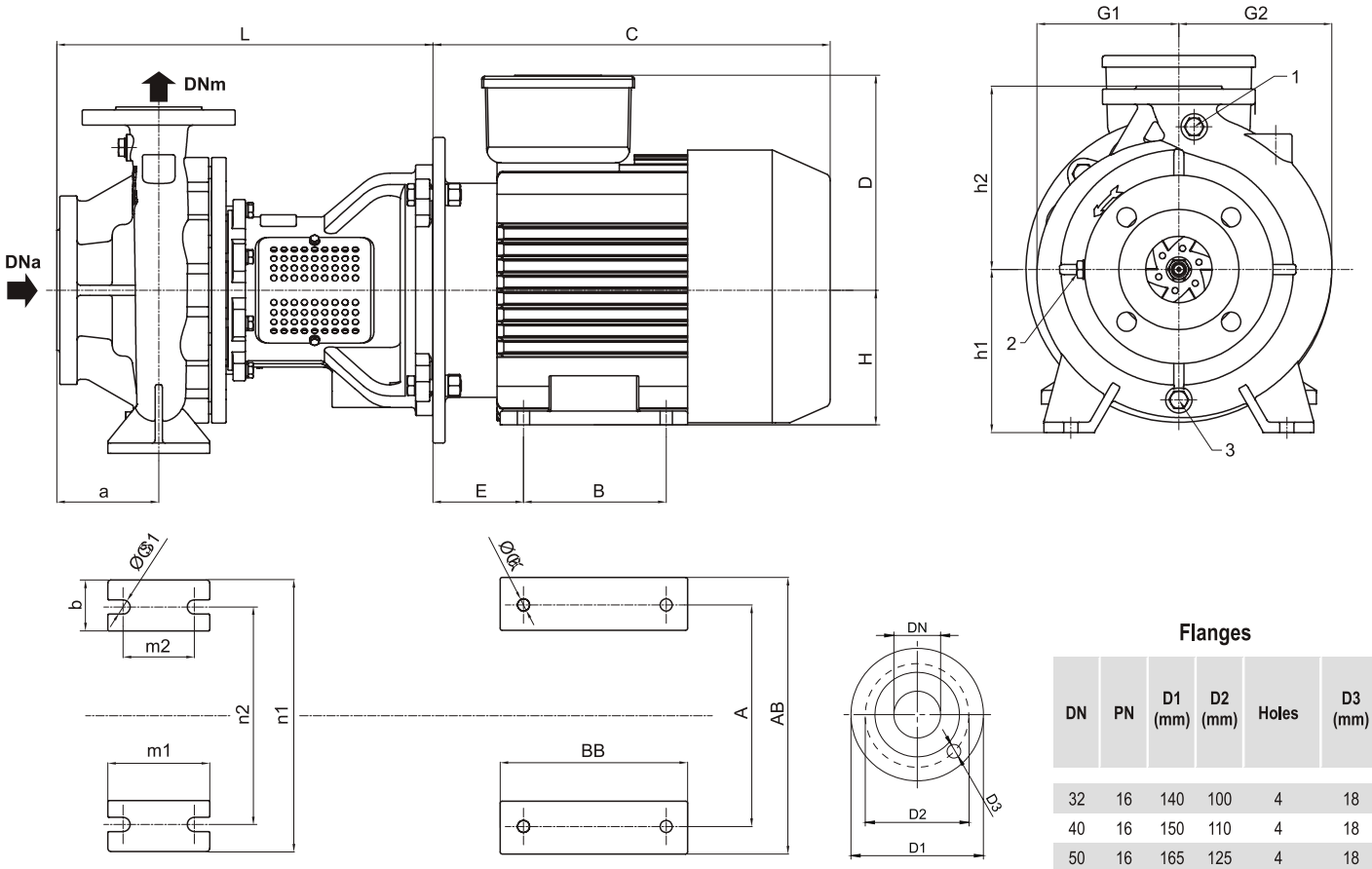
FPS S series

DIMENSIONAL DATA

# SM 4 Pole




## Flanges

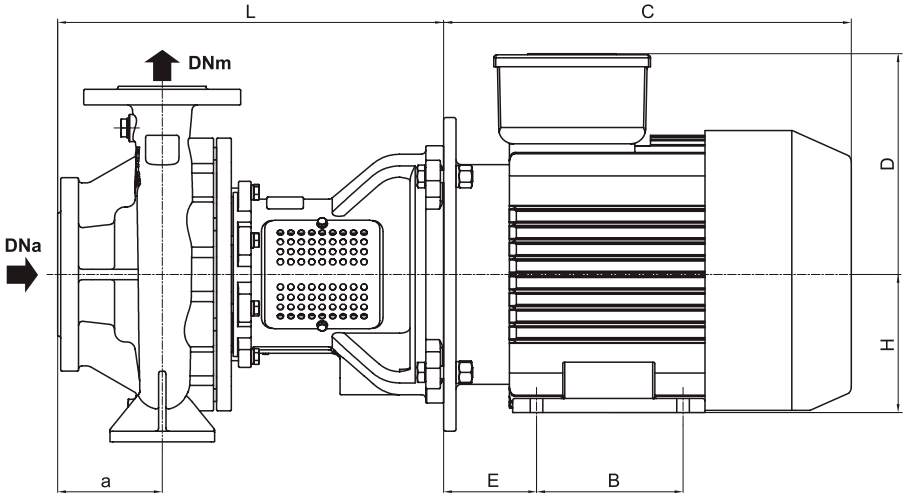
| DN | PN | D1 (mm) | D2 (mm) | Holes | D3 (mm) |
|---|---|---|---|---|---|
| 32 | 16 | 140 | 100 | 4 | 18 |
| 40 | 16 | 150 | 110 | 4 | 18 |
| 50 | 16 | 165 | 125 | 4 | 18 |
| 65 | 16 | 185 | 145 | 4 | 18 |

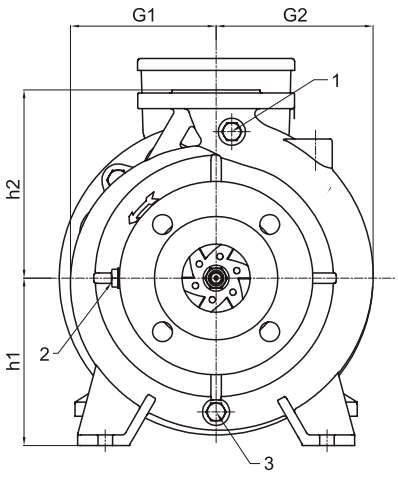
| Pump | DNa | DNm | Motor | | | a | b | A | AB | B | BB | E | G1 | G2 | H | D | h1 | h2 | L | C | m1 | m2 | n1 | n2 | s1 | K | Connections GAS | | | Weight | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | kW | HP | Size | | | | | | | | | | | | | | | | | | | | | | 1 | 2 | 3 | Pump | Motor |
| SM 32-200 | 50 | 32 | 1,1 | 1.5 | Y90S-4 | 80 | 50 | 140 | 180 | 100 | 140 | 56 | 135 | 143 | 90 | | 160 | 180 | 310 | | 100 | 70 | 240 | 190 | 14 | 10 | 1/4" | 1/4" | 1/4" | 39 | ** |
| SM 32-200 | 50 | 32 | 1,5 | 2 | Y90L-4 | 80 | 50 | 140 | 180 | 125 | 165 | 56 | 135 | 143 | 90 | | 160 | 180 | 310 | | 100 | 70 | 240 | 190 | 14 | 10 | 1/4" | 1/4" | 1/4" | 39 | ** |
| SM 40-160 | 65 | 40 | 1,1 | 1,5 | Y90S-4 | 80 | 50 | 140 | 180 | 100 | 140 | 56 | 118 | 130 | 90 | | 132 | 160 | 310 | | 100 | 70 | 240 | 190 | 14 | 10 | 1/4" | 1/4" | 1/4" | 33 | ** |
| SM 40-200 | 65 | 40 | 1,1 | 1,5 | Y90S-4 | 100 | 50 | 140 | 180 | 100 | 140 | 56 | 140 | 150 | 90 | | 160 | 180 | 330 | | 100 | 70 | 265 | 212 | 14 | 10 | 1/4" | 1/4" | 1/4" | 41 | ** |
| SM 40-200 | 65 | 40 | 1,5 | 2 | Y90L-4 | 100 | 50 | 140 | 180 | 125 | 165 | 56 | 140 | 150 | 90 | ** | 160 | 180 | 330 | ** | 100 | 70 | 265 | 212 | 14 | 10 | 1/4" | 1/4" | 1/4" | 41 | ** |
| SM 40-200 | 65 | 40 | 2,2 | 3 | Y100LA-4 | 100 | 50 | 160 | 200 | 140 | 175 | 63 | 140 | 150 | 100 | | 160 | 180 | 340 | | 100 | 70 | 265 | 212 | 14 | 12 | 1/4" | 1/4" | 1/4" | 42 | ** |
| SM 40-250 | 65 | 40 | 1,5 | 2 | Y90L-4 | 100 | 65 | 140 | 180 | 125 | 165 | 56 | 166 | 175 | 90 | | 180 | 225 | 330 | | 125 | 95 | 320 | 250 | 14 | 10 | 1/4" | 1/4" | 1/4" | 55 | ** |
| SM 40-250 | 65 | 40 | 2,2 | 3 | Y100LA-4 | 100 | 65 | 160 | 200 | 140 | 175 | 63 | 166 | 175 | 100 | | 180 | 225 | 340 | | 125 | 95 | 320 | 250 | 14 | 12 | 1/4" | 1/4" | 1/4" | 56 | ** |
| SM 40-250 | 65 | 40 | 3 | 4 | Y100LB-4 | 100 | 65 | 160 | 200 | 140 | 175 | 63 | 166 | 175 | 100 | | 180 | 225 | 340 | | 125 | 95 | 320 | 250 | 14 | 12 | 1/4" | 1/4" | 1/4" | 56 | ** |

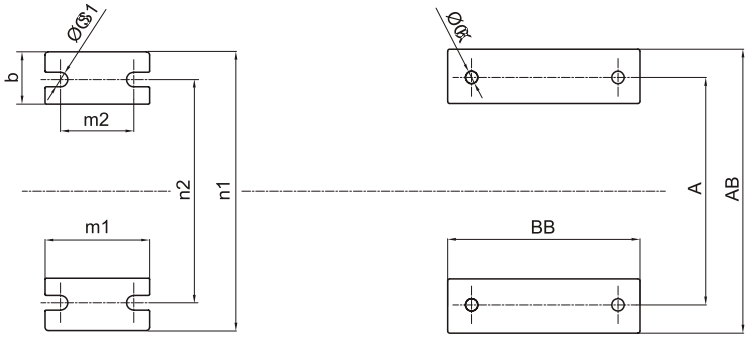
FPS Sseries

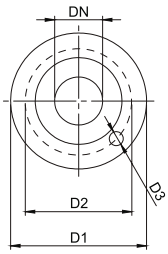
DIMENSIONAL DATA

# SM 4 Pole




## Flanges

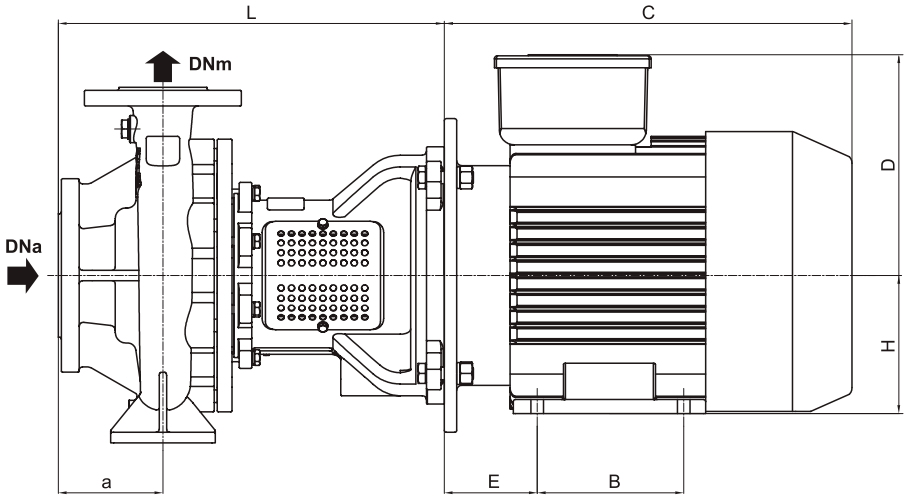
| DN | PN | D1k (mm) | D2k (mm) | Holes | D3 (mm) |
|---|---|---|---|---|---|
| 50 | 16 | 165 | 125 | 4 | 18 |
| 65 | 16 | 185 | 145 | 4 | 18 |

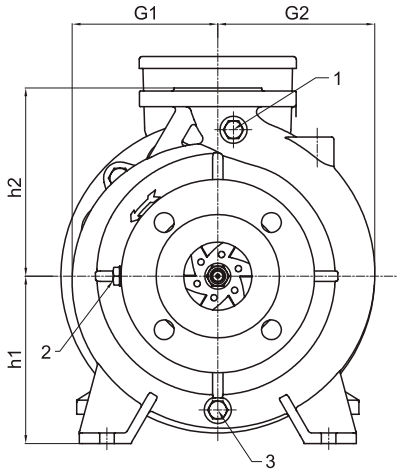
| Pump | DNa | DNm | Motor | | | a | b | A | AB | B | BB | E | G1 | G2 | H | D | h1 | h2 | L | C | m1 | m2 | n1 | n2 | s1 | K | Connections GAS | | | Weight | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | kW | HP | Size | | | | | | | | | | | | | | | | | | | | | | 1 | 2 | 3 | Pump | Motor |
| SM 50-160 | 65 | 50 | 1,1 | 1,5 | Y90S-4 | 100 | 50 | 140 | 180 | 100 | 140 | 56 | 128 | 143 | 90 | | 160 | 180 | 330 | | 100 | 70 | 265 | 212 | 14 | 10 | 1/4" | 1/4" | 1/4" | 39 | ** |
| SM 50-160 | 65 | 50 | 2 | 2 | Y90L-4 | 100 | 50 | 140 | 180 | 125 | 165 | 56 | 128 | 143 | 90 | | 160 | 180 | 330 | | 100 | 70 | 265 | 212 | 14 | 10 | 1/4" | 1/4" | 1/4" | 39 | ** |
| SM 50-160 | 65 | 50 | 3 | 3 | Y100LA-4 | 100 | 50 | 160 | 200 | 140 | 175 | 63 | 128 | 143 | 100 | | 160 | 180 | 340 | | 100 | 70 | 265 | 212 | 14 | 12 | 1/4" | 1/4" | 1/4" | 40 | ** |
| SM 50-200 | 65 | 50 | 2.2 | 3 | Y100LA-4 | 100 | 50 | 160 | 200 | 140 | 175 | 63 | 143 | 156 | 100 | ** | 160 | 200 | 340 | ** | 100 | 70 | 265 | 212 | 14 | 12 | 1/4" | 1/4" | 1/4" | 45 | ** |
| SM 50-200 | 65 | 50 | 3 | 4 | Y100LB-4 | 100 | 50 | 160 | 200 | 140 | 175 | 63 | 143 | 156 | 100 | | 160 | 200 | 340 | | 100 | 70 | 265 | 212 | 14 | 12 | 1/4" | 1/4" | 1/4" | 45 | ** |
| SM 50-250 | 65 | 50 | 4 | 5,5 | Y112M-4 | 100 | 65 | 190 | 230 | 140 | 180 | 70 | 167 | 179 | 112 | | 180 | 225 | 340 | | 125 | 95 | 320 | 250 | 14 | 12 | 1/4" | 1/4" | 3/8" | 58 | ** |
| SM 50-250 | 65 | 50 | 5.5 | 7,5 | Y132S-4 | 100 | 65 | 216 | 265 | 140 | 190 | 89 | 167 | 179 | 132 | | 180 | 225 | 369 | | 125 | 95 | 320 | 250 | 14 | 12 | 1/4" | 1/4" | 3/8" | 65 | ** |

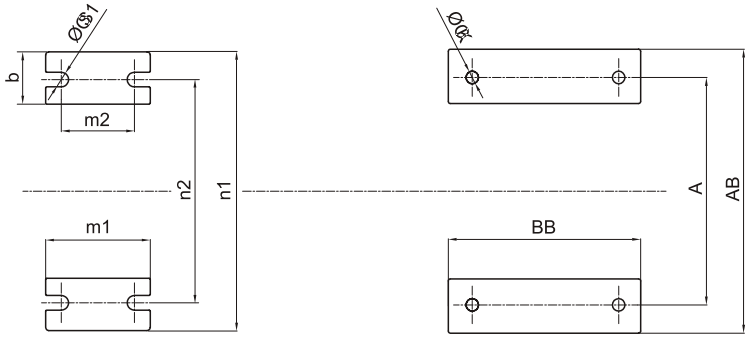
FPS Sseries

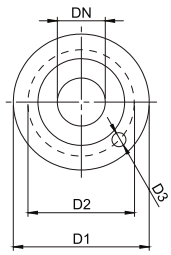
DIMENSIONAL DATA

# SM 4 Pole




## Flanges

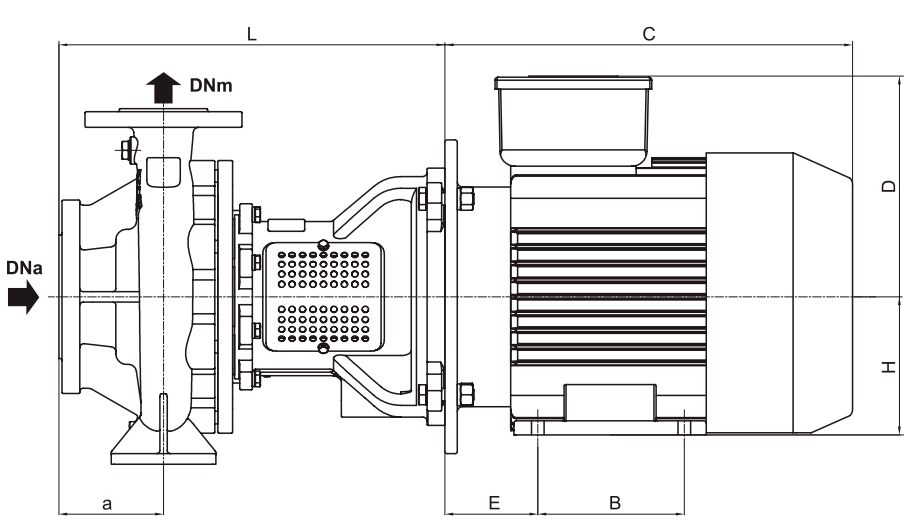
| DN | PN | D1k (mm) | D2k (mm) | Holes | D3 (mm) |
|---|---|---|---|---|---|
| 65 | 16 | 185 | 145 | 4 | 18 |
| 80 | 16 | 200 | 160 | 8 | 18 |

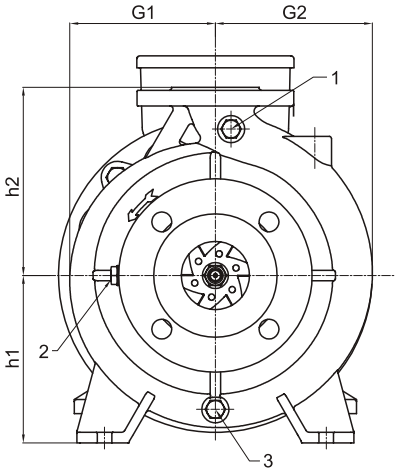
| Pump | DNa | DNm | Motor | | | a | b | A | AB | B | BB | E | G1 | G2 | H | D | h1 | h2 | L | C | m1 | m2 | n1 | n2 | s1 | K | Connections GAS | | | Weight | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | kW | HP | Size | | | | | | | | | | | | | | | | | | | | | | 1 | 2 | 3 | Pump | Motor |
| SM 65-160 | 80 | 65 | 1,1 | 1,5 | Y90S-4 | 100 | 65 | 140 | 180 | 100 | 140 | 56 | 137 | 160 | 90 | | 160 | 200 | 330 | | 125 | 95 | 280 | 212 | 14 | 10 | 1/4" | 1/4" | 3/8" | 42 | ** |
| SM 65-160 | 80 | 65 | 1,5 | 2 | Y90L-4 | 100 | 65 | 140 | 180 | 125 | 165 | 56 | 137 | 160 | 90 | | 160 | 200 | 330 | | 125 | 95 | 280 | 212 | 14 | 10 | 1/4" | 1/4" | 3/8" | 42 | ** |
| SM 65-160 | 80 | 65 | 2,2 | 3 | Y100LA-4 | 100 | 65 | 160 | 200 | 140 | 175 | 63 | 137 | 160 | 100 | | 160 | 200 | 340 | | 125 | 95 | 280 | 212 | 14 | 10 | 1/4" | 1/4" | 3/8" | 43 | ** |
| SM 65-200 | 80 | 65 | 3 | 4 | Y100LB-4 | 100 | 65 | 160 | 200 | 140 | 175 | 63 | 153 | 171 | 100 | | 180 | 225 | 340 | | 125 | 95 | 320 | 250 | 14 | 12 | 1/4" | 1/4" | 3/8" | 49 | ** |
| SM 65-200 | 80 | 65 | 4 | 5,5 | Y112M-4 | 100 | 65 | 190 | 230 | 140 | 180 | 70 | 153 | 171 | 112 | | 180 | 225 | 340 | | 125 | 95 | 320 | 250 | 14 | 12 | 1/4" | 1/4" | 3/8" | 49 | ** |
| SM 65-250 | 80 | 65 | 5,5 | 7,5 | Y132S-4 | 100 | 80 | 216 | 265 | 140 | 190 | 89 | 176 | 193 | 132 | | 200 | 250 | 394 | | 160 | 120 | 360 | 280 | 19 | 12 | 3/8" | 3/8" | 3/8" | 78 | ** |
| SM 65-250 | 80 | 65 | 7,5 | 10 | Y132M-4 | 100 | 80 | 216 | 265 | 178 | 230 | 89 | 176 | 193 | 132 | | 200 | 250 | 394 | | 160 | 120 | 360 | 280 | 19 | 12 | 3/8" | 3/8" | 3/8" | 78 | ** |

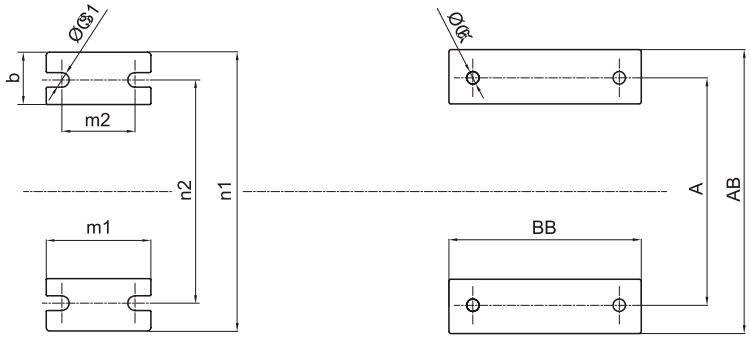
FPS Sseries

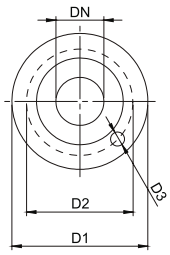
DIMENSIONAL DATA

# SM 4 Pole




## Flanges

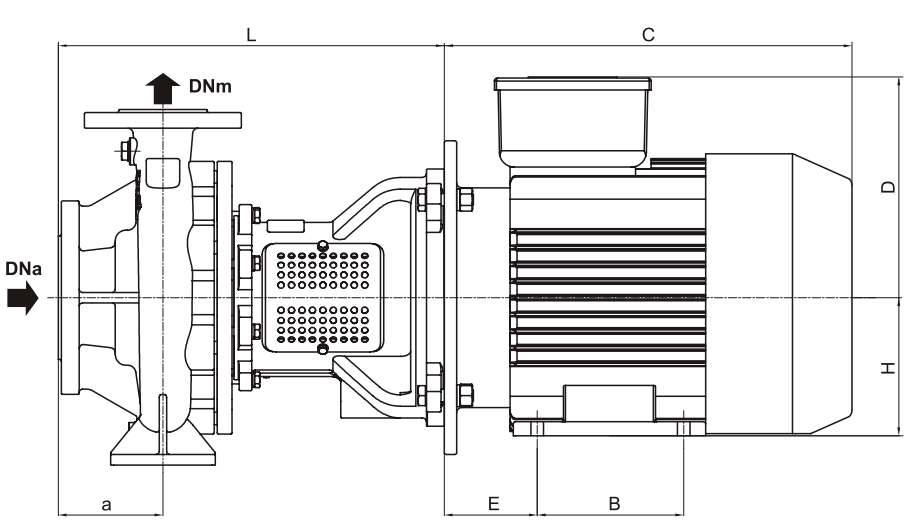
| DN | PN | D1k (mm) | D2k (mm) | Holes | D3 (mm) |
|---|---|---|---|---|---|
| 80 | 16 | 200 | 160 | 8 | 18 |
| 100 | 16 | 220 | 180 | 8 | 18 |

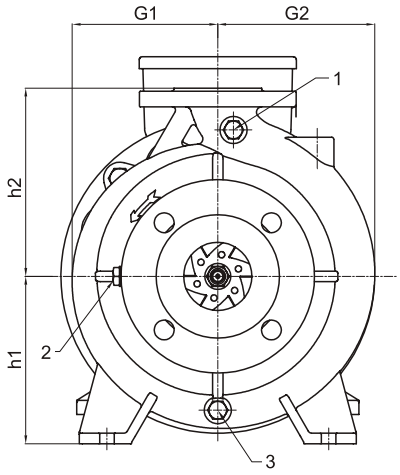
| Pump | DNa | DNm | Motor | | | a | b | A | AB | B | BB | E | G1 | G2 | H | D | h1 | h2 | L | C | m1 | m2 | n1 | n2 | s1 | K | Connections GAS | | | Weight | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | kW | HP | Size | | | | | | | | | | | | | | | | | | | | | | 1 | 2 | 3 | Pump | Motor |
| SM80-160 | 100 | 80 | 1,5 | 2 | Y90L-4 | 125 | 65 | 140 | 180 | 125 | 165 | 56 | 144 | 172 | 90 | | 180 | 225 | 355 | | 125 | 95 | 320 | 250 | 14 | 10 | 1/4" | 1/4" | 3/8" | 47 | ** |
| SM80-160 | 100 | 80 | 2,2 | 3 | Y100LA-4 | 125 | 65 | 160 | 200 | 140 | 175 | 63 | 144 | 172 | 100 | | 180 | 225 | 365 | | 125 | 95 | 320 | 250 | 14 | 12 | 1/4" | 1/4" | 3/8" | 48 | ** |
| SM80-160 | 100 | 80 | 3 | 4 | Y100LB-4 | 125 | 65 | 160 | 200 | 140 | 175 | 63 | 144 | 172 | 100 | | 180 | 225 | 365 | | 125 | 95 | 320 | 250 | 14 | 12 | 1/4" | 1/4" | 3/8" | 48 | ** |
| SM80-160 | 100 | 80 | 4 | 5,5 | Y112M-4 | 125 | 65 | 190 | 230 | 140 | 180 | 70 | 144 | 172 | 112 | ** | 180 | 225 | 365 | ** | 125 | 95 | 320 | 250 | 14 | 12 | 1/4" | 1/4" | 3/8" | 48 | ** |
| SM80-200 | 100 | 80 | 4 | 5,5 | Y112M-4 | 125 | 65 | 190 | 230 | 140 | 180 | 70 | 163 | 188 | 112 | | 180 | 250 | 400 | | 125 | 95 | 345 | 280 | 14 | 12 | 1/4" | 1/4" | 3/8" | 63 | ** |
| SM80-200 | 100 | 80 | 5,5 | 7,5 | Y132S-4 | 125 | 65 | 216 | 265 | 140 | 190 | 89 | 163 | 188 | 132 | | 180 | 250 | 419 | | 125 | 95 | 345 | 280 | 14 | 12 | 1/4" | 1/4" | 3/8" | 67 | ** |
| SM80-200 | 100 | 80 | 7,5 | 10 | Y132M-4 | 125 | 65 | 216 | 265 | 178 | 230 | 89 | 163 | 188 | 132 | | 180 | 250 | 419 | | 125 | 95 | 345 | 280 | 14 | 12 | 1/4" | 1/4" | 3/8" | 67 | ** |
| SM80-250 | 100 | 80 | 7,5 | 10 | Y132M-4 | 125 | 80 | 216 | 265 | 178 | 230 | 89 | 185 | 211 | 132 | | 200 | 280 | 419 | | 160 | 120 | 400 | 315 | 19 | 12 | 3/8" | 3/8" | 3/8" | 84 | ** |
| SM80-250 | 100 | 80 | 11 | 15 | Y160M-4 | 125 | 80 | 254 | 315 | 210 | 260 | 108 | 185 | 211 | 160 | | 200 | 280 | 457 | | 160 | 120 | 400 | 315 | 19 | 15 | 3/8" | 3/8" | 3/8" | 87 | ** |

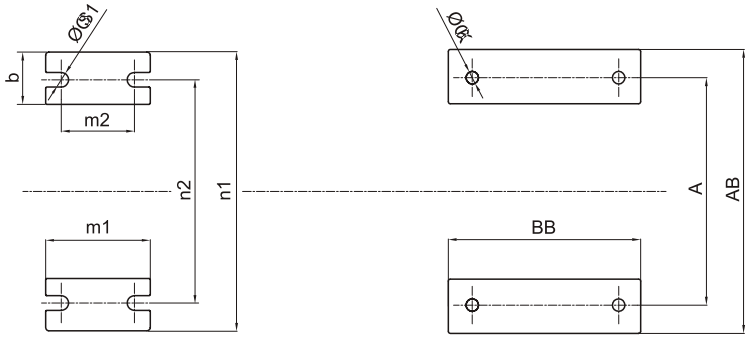
FPS Sseries

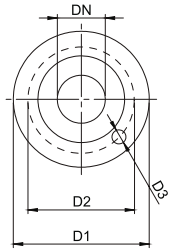
DIMENSIONAL DATA

# SM 4 Pole




## Flanges

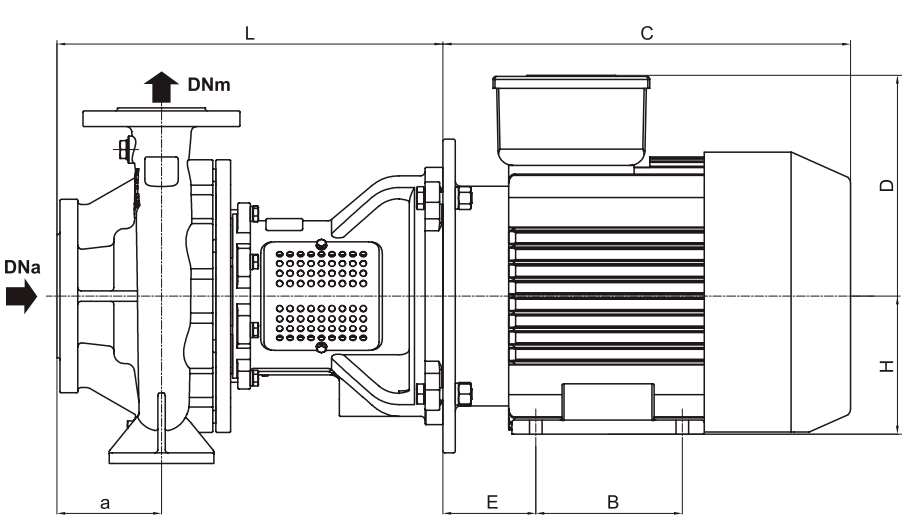
| DN | PN | D1k (mm) | D2k (mm) | Holes | D3 (mm) |
|---|---|---|---|---|---|
| 100 | 16 | 220 | 180 | 8 | 18 |
| 125 | 16 | 250 | 210 | 8 | 18 |

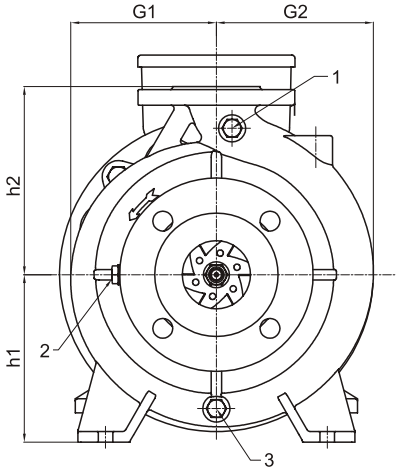
| Pump | DNa | DNm | Motor | | | a | b | A | AB | B | BB | E | G1 | G2 | H | D | h1 | h2 | L | C | m1 | m2 | n1 | n2 | s1 | K | Connections GAS | | | Weight | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | kW | HP | Size | | | | | | | | | | | | | | | | | | | | | | 1 | 2 | 3 | Pump | Motor |
| SM 100-200 | 125 | 100 | 4 | 5,5 | Y112M-4 | 125 | 80 | 190 | 230 | 140 | 180 | 70 | 173 | 207 | 112 | | 200 | 280 | 400 | | 160 | 120 | 360 | 280 | 19 | 12 | 3/8" | 3/8" | 3/8" | 71 | ** |
| SM 100-200 | 125 | 100 | 5,5 | 7,5 | Y132S-4 | 125 | 80 | 216 | 265 | 140 | 190 | 89 | 173 | 207 | 132 | | 200 | 280 | 419 | | 160 | 120 | 360 | 280 | 19 | 12 | 3/8" | 3/8" | 3/8" | 75 | ** |
| SM 100-200 | 125 | 100 | 7,5 | 10 | Y132M-4 | 125 | 80 | 216 | 265 | 178 | 230 | 89 | 173 | 207 | 132 | | 200 | 280 | 419 | | 160 | 120 | 360 | 280 | 19 | 12 | 3/8" | 3/8" | 3/8" | 75 | ** |
| SM 100-200 | 125 | 100 | 11 | 15 | Y160M-4 | 125 | 80 | 254 | 315 | 210 | 260 | 108 | 173 | 207 | 160 | | 200 | 280 | 457 | ** | 160 | 120 | 360 | 280 | 19 | 15 | 3/8" | 3/8" | 3/8" | 78 | ** |
| SM 100-250 | 125 | 100 | 7,5 | 10 | Y132M-4 | 140 | 80 | 216 | 265 | 178 | 230 | 89 | 192 | 223 | 132 | | 225 | 280 | 434 | | 160 | 120 | 400 | 315 | 19 | 12 | 3/8" | 3/8" | 3/8" | 91 | ** |
| SM 100-250 | 125 | 100 | 11 | 15 | Y160M-4 | 140 | 80 | 254 | 315 | 210 | 260 | 108 | 192 | 223 | 160 | | 225 | 280 | 472 | | 160 | 120 | 400 | 315 | 19 | 15 | 3/8" | 3/8" | 3/8" | 94 | ** |
| SM 100-250 | 125 | 100 | 15 | 20 | Y160L-4 | 140 | 80 | 254 | 315 | 254 | 305 | 108 | 192 | 223 | 160 | | 225 | 280 | 472 | | 160 | 120 | 400 | 315 | 19 | 15 | 3/8" | 3/8" | 3/8" | 94 | ** |
| SM 100-315 | 125 | 100 | 15 | 20 | Y160L-4 | 140 | 80 | 254 | 315 | 254 | 305 | 108 | 225 | 257 | 160 | | 250 | 315 | 472 | | 160 | 120 | 400 | 315 | 19 | 15 | 3/8" | 3/8" | 3/8" | 110 | ** |
| SM 100-315 | 125 | 100 | 18,5 | 25 | Y180M-4 | 140 | 80 | 279 | 350 | 241 | 315 | 121 | 225 | 257 | 180 | | 250 | 315 | 472 | | 160 | 120 | 400 | 315 | 19 | 15 | 3/8" | 3/8" | 3/8" | 110 | ** |
| SM 100-315 | 125 | 100 | 22 | 30 | Y180L-4 | 140 | 80 | 279 | 350 | 279 | 350 | 121 | 225 | 257 | 180 | | 250 | 315 | 472 | | 160 | 120 | 400 | 315 | 19 | 15 | 3/8" | 3/8" | 3/8" | 110 | ** |
| SM 100-315 | 125 | 100 | 30 | 40 | Y200L-4 | 140 | 80 | 318 | 390 | 305 | 370 | 133 | 225 | 257 | 200 | | 250 | 315 | 472 | | 160 | 120 | 400 | 315 | 19 | 19 | 3/8" | 3/8" | 3/8" | 113 | ** |

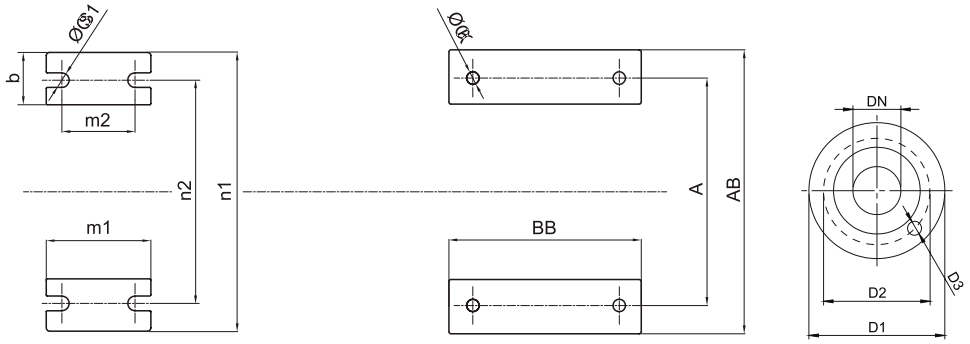
FPS S series

DIMENSIONAL DATA

# SM 4 Pole







## Flanges

| DN | PN | D1k (mm) | D2k (mm) | Holes | D3 (mm) |
|---|---|---|---|---|---|
| 125 | 16 | 250 | 210 | 8 | 18 |
| 150 | 16 | 280 | 240 | 8 | 22 |

| Pump | DNa | DNm | Motor | | | a | b | A | AB | B | BB | E | G1 | G2 | H | D | h1 | h2 | L | C | m1 | m2 | n1 | n2 | s1 | K | Connections GAS | | | Weight | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | kW | HP | Size | | | | | | | | | | | | | | | | | | | | | | 1 | 2 | 3 | Pump | Motor |
| SM 125-250 | 150 | 125 | 11 | 15 | Y160M-4 | 140 | 80 | 254 | 315 | 210 | 260 | 108 | 220 | 261 | 160 | | 250 | 355 | 472 | | 160 | 120 | 400 | 315 | 19 | 15 | 3/8" | 3/8" | 3/8" | 108 | ** |
| SM 125-250 | 150 | 125 | 15 | 20 | Y160L-4 | 140 | 80 | 254 | 315 | 254 | 305 | 108 | 220 | 261 | 160 | ** | 250 | 355 | 472 | ** | 160 | 120 | 400 | 315 | 19 | 15 | 3/8" | 3/8" | 3/8" | 108 | ** |
| SM 125-250 | 150 | 125 | 18,5 | 25 | Y180M-4 | 140 | 80 | 279 | 350 | 241 | 315 | 121 | 220 | 261 | 180 | | 250 | 355 | 472 | | 160 | 120 | 400 | 315 | 19 | 15 | 3/8" | 3/8" | 3/8" | 108 | ** |
| SM 125-250 | 150 | 125 | 22 | 30 | Y180L-4 | 140 | 80 | 279 | 350 | 279 | 350 | 121 | 220 | 261 | 180 | | 250 | 355 | 472 | | 160 | 120 | 400 | 315 | 19 | 15 | 3/8" | 3/8" | 3/8" | 108 | ** |