



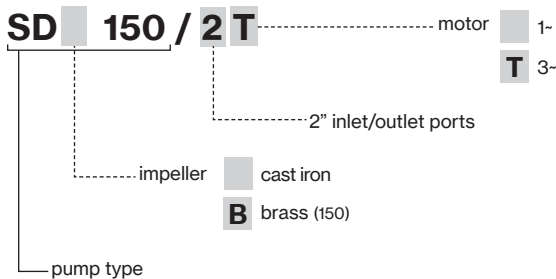
Single-impeller, medium to high-flow rate centrifugal pumps with 2", 3" and 4" delivery openings. Mainly used in agriculture for flood and sprinkler irrigation, and water withdrawal from reservoirs or canals.

Construction features

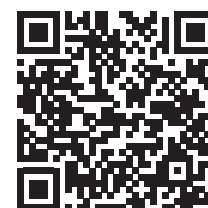
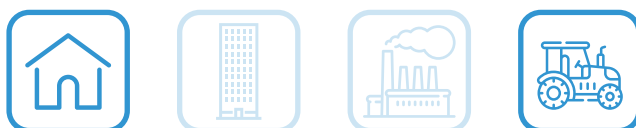
| | |
|---------------------------|---|
| Pump body | cast iron |
| Motor bracket | cast iron |
| Impeller | cast iron or brass (SDB) |
| Mechanical seal | ceramic-graphite-NBR |
| Motor shaft | stainless steel AISI 303 stainless steel AISI 416 (SD 80÷120) |
| Liquid temperature | 0 - 90 °C |
| Operating pressure | max 6 bar |

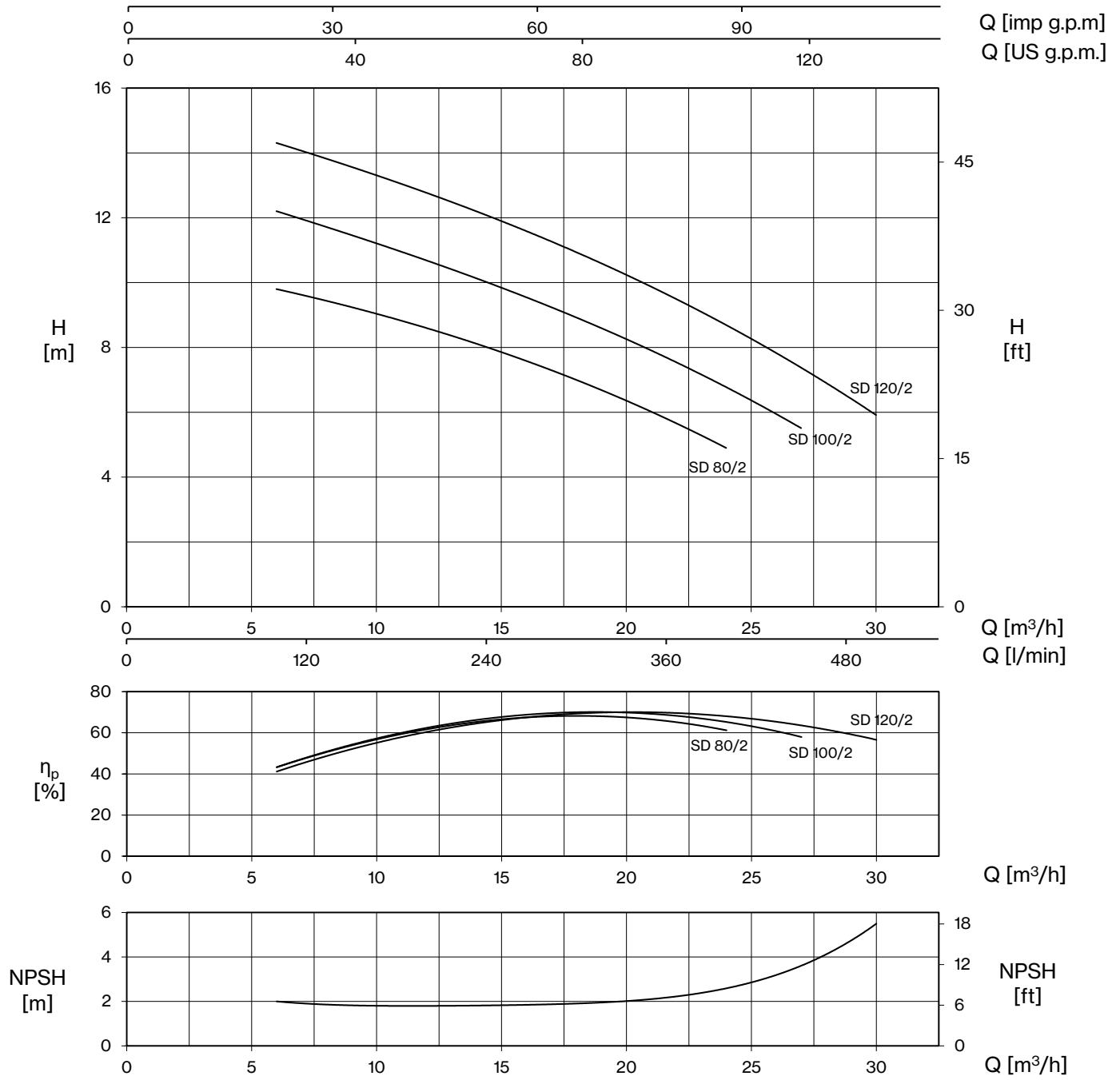
Motor

| | |
|--------------------------------|--|
| | 3~ 230/400V - 50Hz |
| 2 Poles induction motor | 1~ 230V - 50Hz (with thermal protection up to MEC 80) |
| Insulation class | F |
| Protection degree | IPX4 |

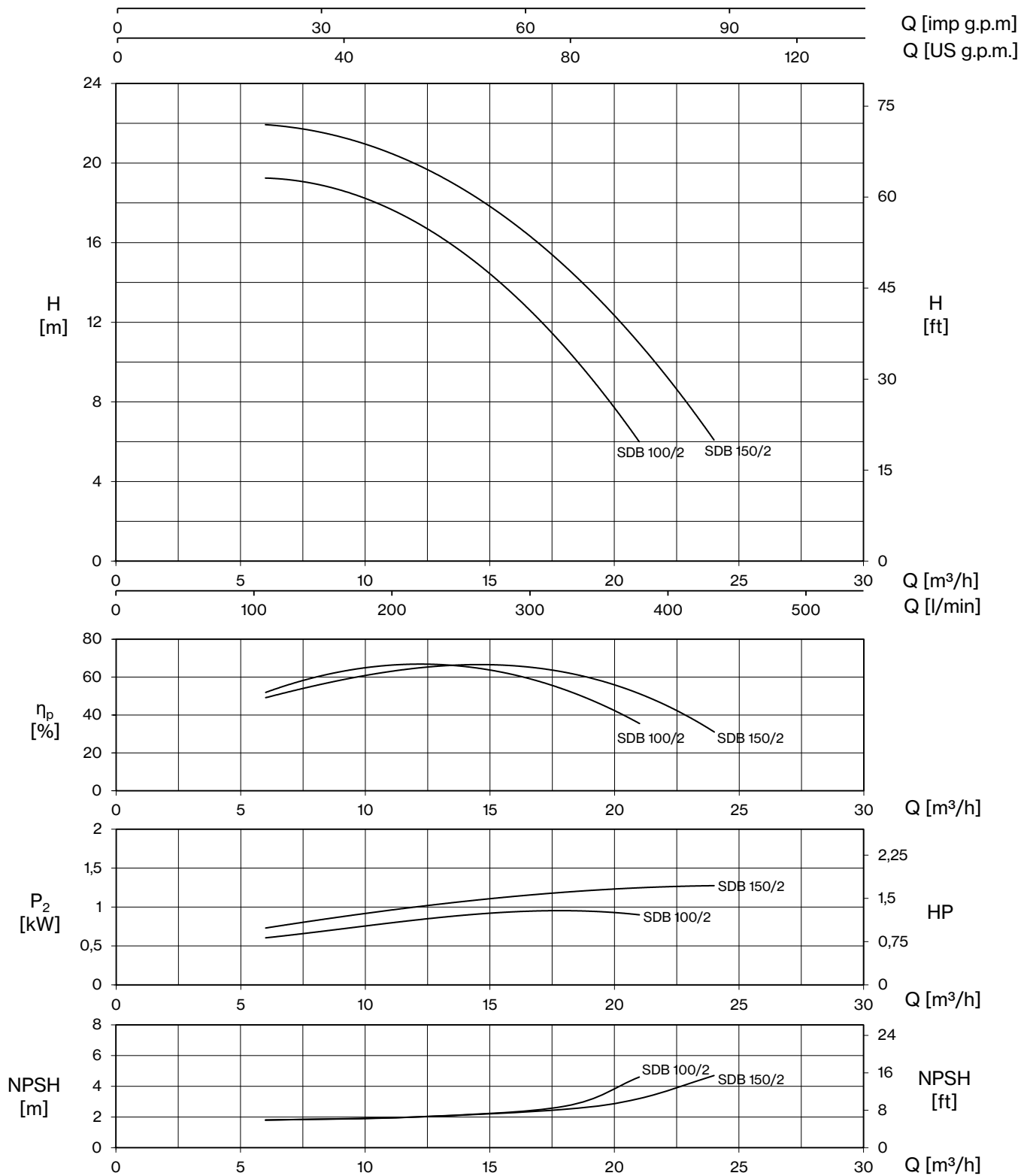


| TYPE | LOTS | | | |
|--------------------------|-------------|----------|-------------|----------|
| | TRUCK | | CONTAINER | |
| | PALLET (cm) | N° pumps | PALLET (cm) | N° pumps |
| SD 80/2÷120/2 | 90×110×145 | 65 | 90×110×195 | 91 |
| SD 150/2-200/2 | 85×110×140 | 40 | 85×110×205 | 60 |
| SD 200/3-300/3 | 85×110×150 | 30 | 85×110×180 | 60 |
| SD 400/3÷550/4 | 80×120×150 | 30 | 80×120×180 | 60 |
| SD 750/4T-1000/4T | 100×120×140 | 18 | 100×120×185 | 24 |

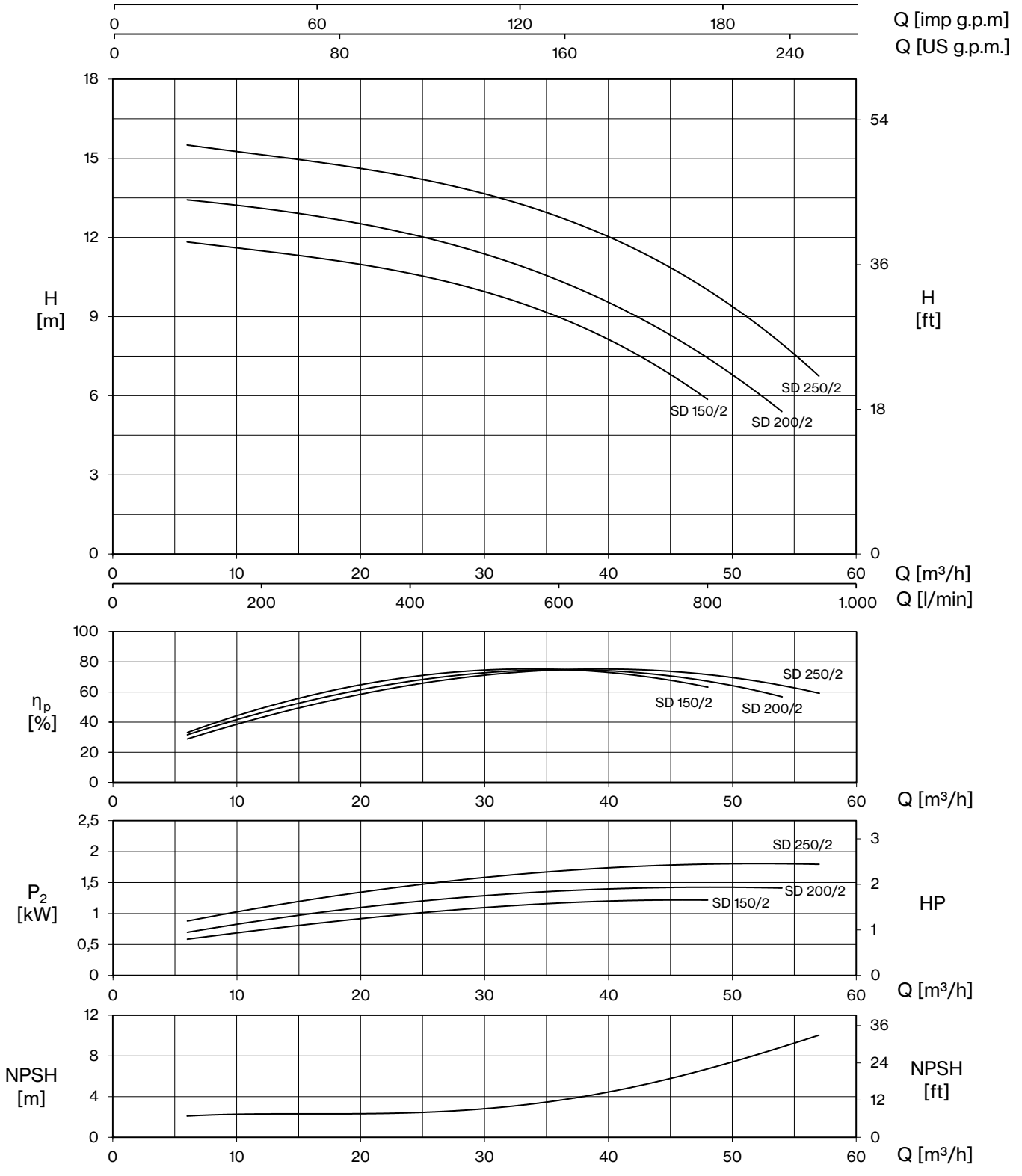




| TYPE | | P2 | | P1 (kW) | | AMPERE | | Q (m³/h - l/min) | | | | | | |
|----------|-----------|-----|------|---------|------|--------|-----|------------------|------|------|------|-----|-----|-----|
| 1~ | 3~ | | | | | 1~ | 3~ | 0 | 6 | 12 | 18 | 24 | 27 | 30 |
| | | HP | kW | 1~ | 3~ | | | | | | | | | |
| SD 80/2 | SD 80/2T | 0,8 | 0,59 | 0,8 | 0,7 | 3,5 | 1,3 | 10,1 | 9,8 | 8,6 | 7,0 | 4,9 | | |
| SD 100/2 | SD 100/2T | 1 | 0,74 | 1 | 0,85 | 4,5 | 1,6 | 12,8 | 12,2 | 10,7 | 8,9 | 6,8 | 5,5 | |
| SD 120/2 | SD 120/2T | 1,2 | 0,9 | 1,2 | 1,1 | 5,4 | 2,0 | 15,0 | 14,3 | 12,8 | 10,9 | 8,7 | 7,4 | 5,9 |

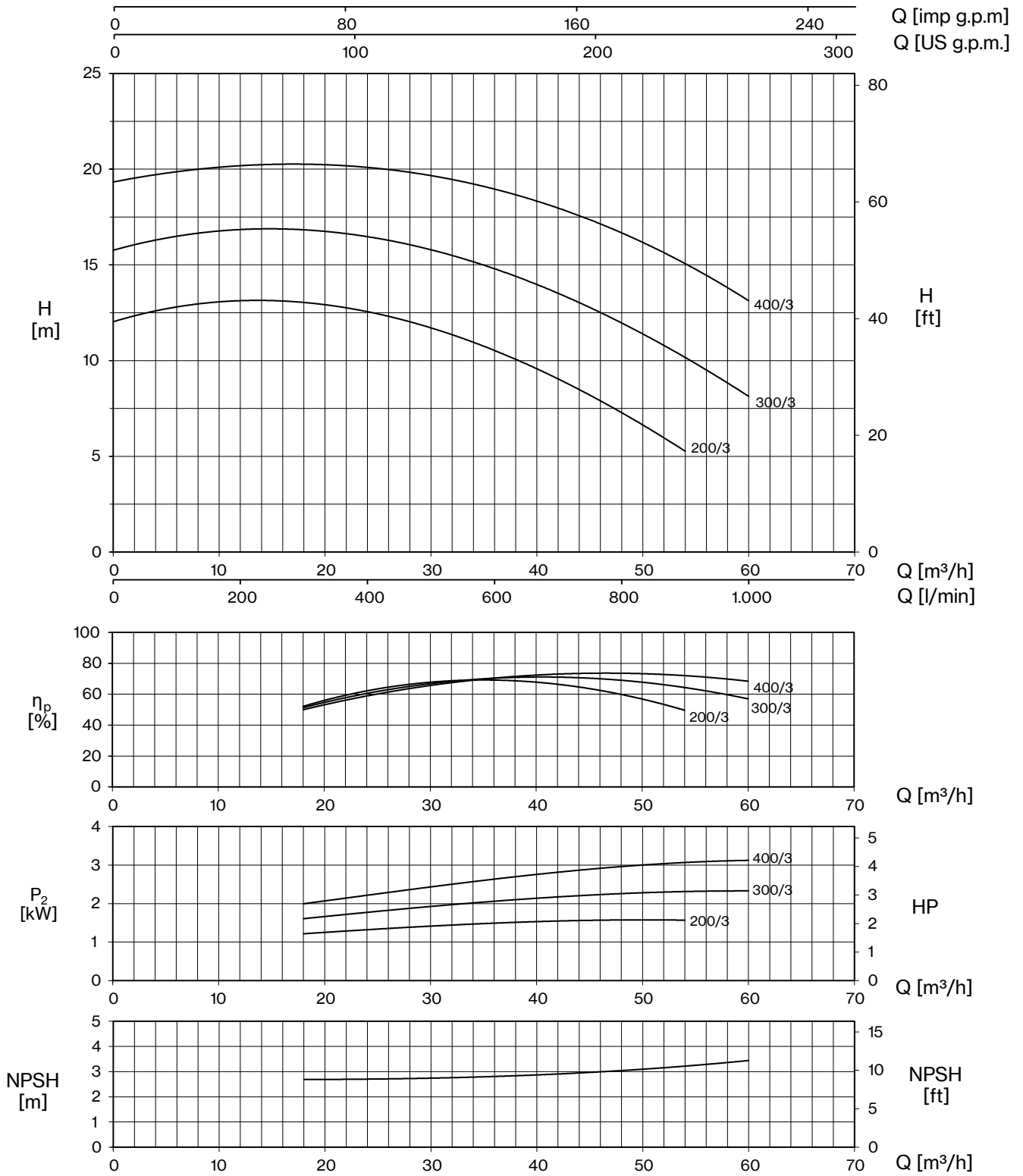


| TYPE | | P2 | | P1 (kW) | | AMPERE | | Q (m³/h - l/min) | | | | | |
|-----------|------------|-----|-----|---------|-----|------------------|------------------|------------------|------|-------|------|------|-----|
| 1~ | 3~ | HP | kW | 1~ | 3~ | 1~ 230V 50 Hz | 3~ 400V 50 Hz | 0 | 6 | H (m) | | 21 | 24 |
| | | | | | | | | 0 | 100 | 12 | 18 | 300 | 350 |
| SDB 100/2 | - | 1,5 | 1,1 | 1,3 | - | 6,1 | - | 18,8 | 19,2 | 17,1 | 10,8 | 6,0 | |
| SDB 150/2 | SDB 150/2T | 1,8 | 1,3 | 1,6 | 1,5 | 7,4 | 3,5 | 21,6 | 21,9 | 19,9 | 15,0 | 10,8 | 6,1 |

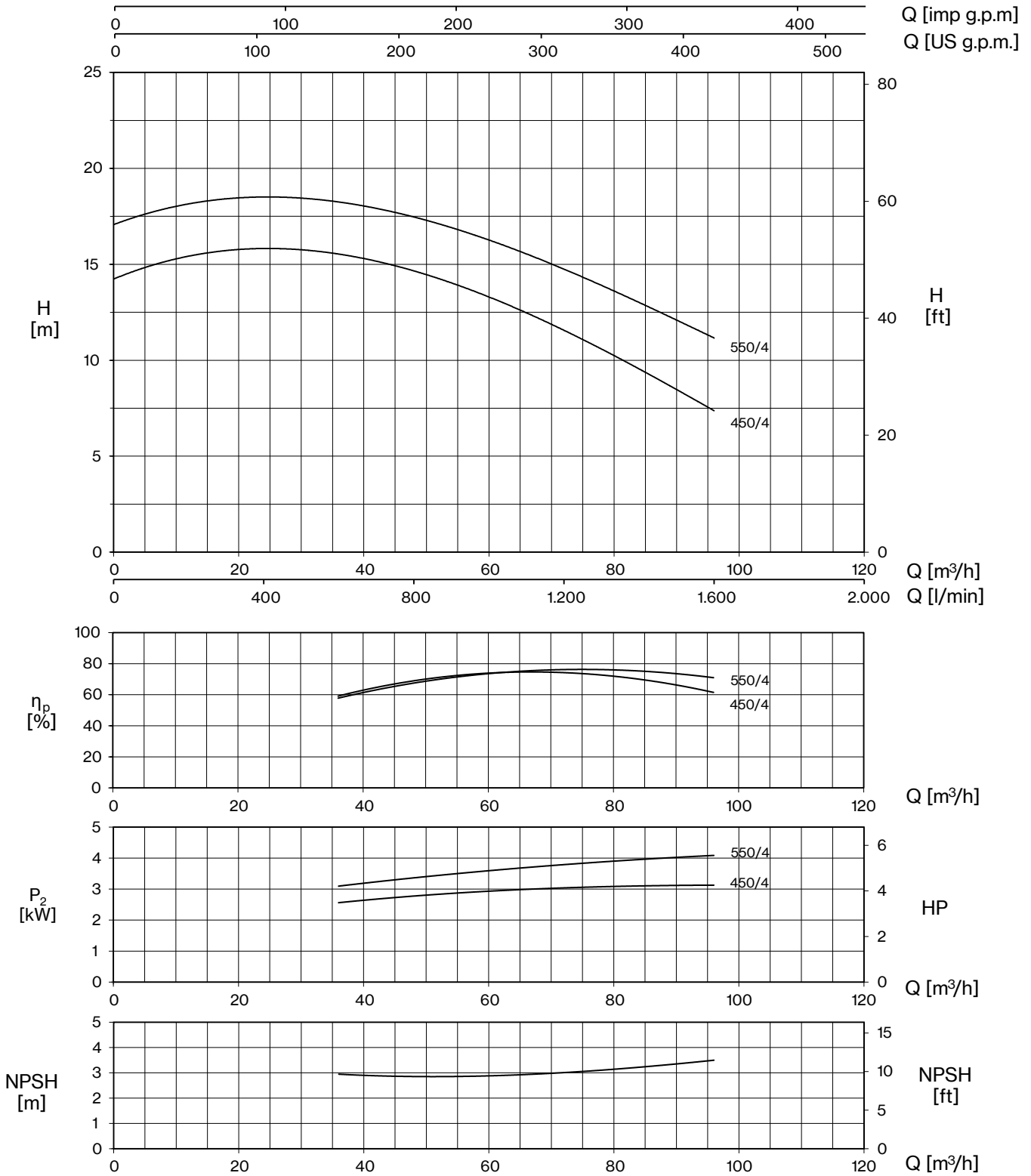


| TYPE | | P2 | | P1 (kW) | | AMPERE | | Q (m³/h - l/min) | | | | | | | | | | |
|----------|-----------|-----|------|---------|-----|------------------|------------------|------------------|------|------|------|------|------|------|-----|-----|-----|--|
| 1- | 3- | | | | | 1- | 3- | 0 | 6 | 18 | 24 | 30 | 36 | 42 | 48 | 54 | 57 | |
| | | HP | kW | 1- | 3- | 1- 230V 50 Hz | 3- 400V 50 Hz | 0 | 100 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 950 | |
| | | | | | | | | H (m) | | | | | | | | | | |
| SD 150/2 | SD 150/2T | 1,8 | 1,3 | 1,5 | 1,4 | 7,1 | 3,4 | 11,9 | 11,8 | 11,1 | 10,6 | 10,0 | 8,9 | 7,6 | 5,9 | | | |
| SD 200/2 | SD 200/2T | 2 | 1,5 | 1,7 | 1,7 | 8,0 | 3,6 | 13,5 | 13,4 | 12,6 | 12,1 | 11,4 | 10,4 | 9,1 | 7,3 | 5,4 | | |
| SD 250/2 | SD 250/2T | 2,5 | 1,85 | 2,2 | 2,1 | 9,9 | 4,3 | 15,6 | 15,6 | 14,6 | 14,3 | 13,8 | 12,9 | 11,6 | 9,9 | 7,9 | 6,9 | |

SD

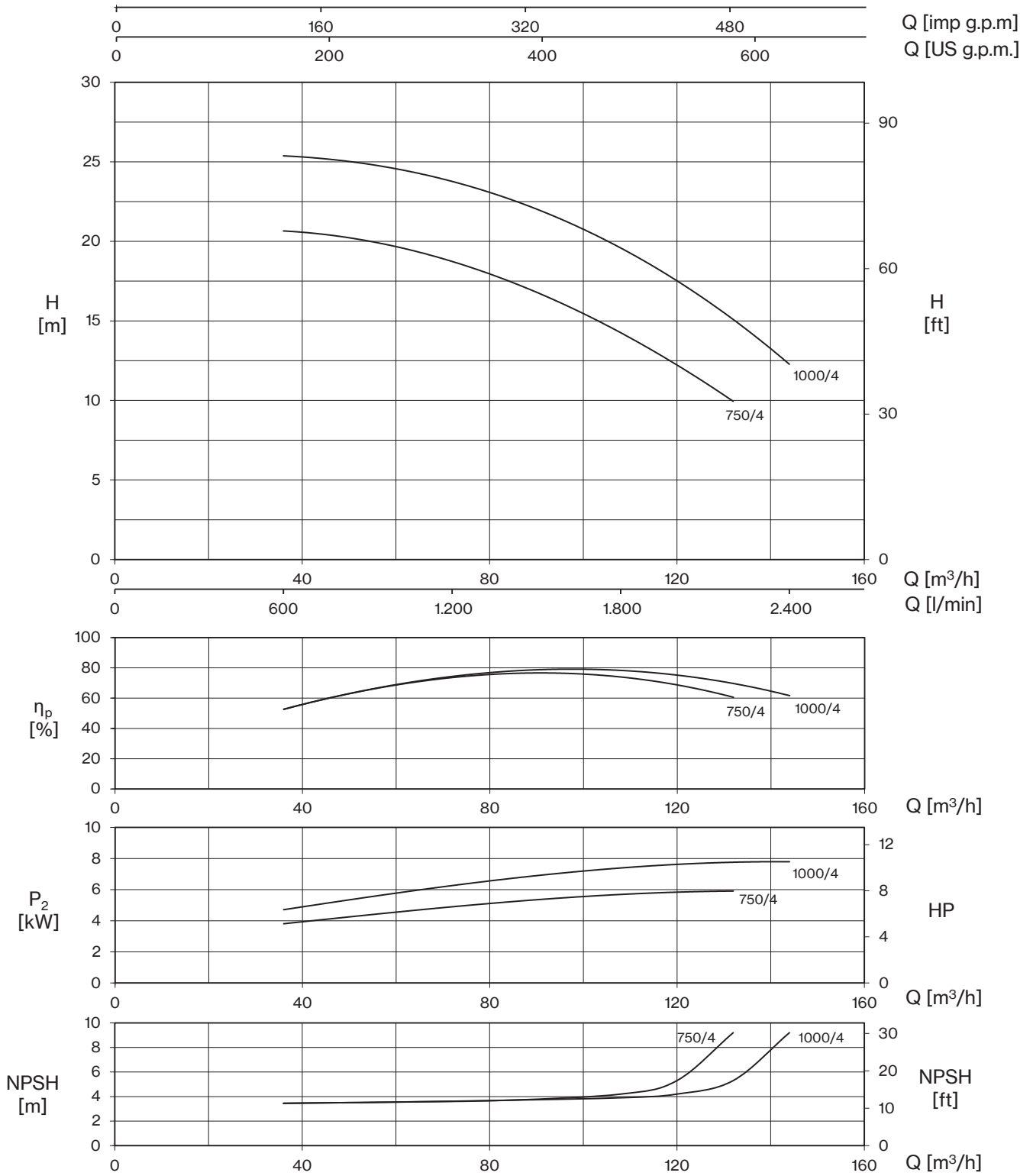


| TYPE | | P2 | | P1 (kW) | | AMPERE | | Q (m³/h - l/min) | | | | | | | | |
|----------|-----------|----|-----|---------|-----|------------------|------------------|------------------|------|------|------|------|------|------|------|------|
| 1- | 3- | HP | kW | 1- | 3- | 1- 230V 50 Hz | 3- 400V 50 Hz | 0 | 18 | 24 | 30 | 36 | 42 | 48 | 54 | 60 |
| | | | | | | | | 0 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 |
| | | | | | | | | H (m) | | | | | | | | |
| SD 200/3 | SD 200/3T | 2 | 1,5 | 1,9 | 1,9 | 8,9 | 3,5 | 12,0 | 13,0 | 12,6 | 11,8 | 10,6 | 9,0 | 7,2 | 5,3 | |
| SD 300/3 | SD 300/3T | 3 | 2,2 | 2,7 | 2,7 | 12,4 | 5,0 | 15,8 | 16,8 | 16,5 | 15,7 | 14,7 | 13,6 | 12,0 | 10,1 | 8,2 |
| - | SD 400/3T | 4 | 3 | - | 3,6 | - | 6,6 | 19,3 | 20,3 | 20,1 | 19,6 | 18,9 | 18,0 | 16,8 | 15,0 | 13,1 |

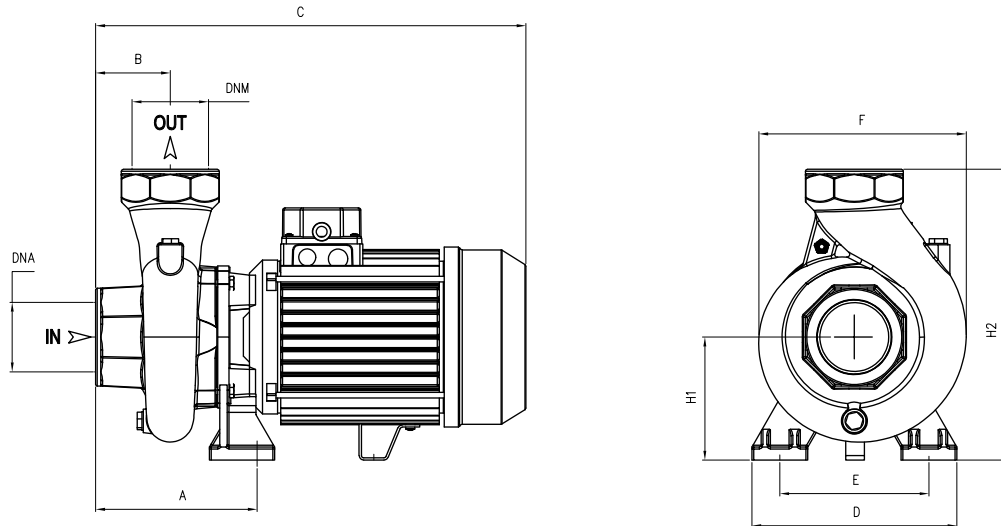




| TYPE | | P2 | | P1 (kW) | | AMPERE | | Q (m ³ /h - l/min) | | | | | | |
|----------|-----------|-----|----|---------|-----|------------------|------------------|-------------------------------|------|------|------|------|------|------|
| 1~ | 3~ | HP | kW | 1~ | 3~ | 1~ 230V 50 Hz | 3~ 400V 50 Hz | 0 | 36 | 48 | 60 | 72 | 84 | 96 |
| | | | | | | | | 0 | 600 | 800 | 1000 | 1200 | 1400 | 1600 |
| | | | | | | | | H (m) | | | | | | |
| SD 450/4 | SD 450/4T | 4 | 3 | 3,6 | 3,6 | 16,1 | 6,5 | 14,2 | 15,5 | 14,7 | 13,4 | 11,5 | 9,6 | 7,4 |
| - | SD 550/4T | 5,5 | 4 | - | 4,7 | - | 8,5 | 17,1 | 18,3 | 17,4 | 16,3 | 14,7 | 13,1 | 11,1 |

SD



| TYPE | P2 | | P1 (kW) | AMPERE 3~ 3- 400V 50 Hz | Q (m³/h - l/min) | | | | | | | | | |
|------------|-----|-----|------------|----------------------------------|------------------|------|------|------|------|------|------|------|------|--|
| | | | | | 0 | 36 | 48 | 60 | 84 | 108 | 120 | 132 | 144 | |
| 3~ | HP | kW | 3~ | 3- 400V 50 Hz | H (m) | | | | | | | | | |
| SD 750/4T | 7,5 | 5,5 | 6,7 | 11,6 | 18,9 | 20,6 | 20,4 | 19,7 | 17,4 | 14,3 | 12,3 | 9,9 | | |
| SD 1000/4T | 10 | 7,5 | 8,8 | 15,4 | 23,6 | 25,3 | 25,2 | 24,6 | 22,6 | 19,5 | 17,6 | 15,2 | 12,2 | |



| TYPE | | DIMENSIONS (mm) | | | | | | | | | |  | | |  | |
|-----------|------------|-----------------|----|-----|-----|-----|-----|-----|-----|------|------|---|-----|-----|---|------|
| -1 | -3 | A | B | C | D | E | F | H1 | H2 | DNA | DNM | I | L | M | -1 | -3 |
| SD 80/2 | SD 80/2T | 127 | 45 | 315 | 155 | 115 | 178 | 97 | 247 | 2" G | 2" G | 340 | 195 | 280 | 14,5 | 14 |
| SD 100/2 | SD 100/2T | 127 | 45 | 315 | 155 | 115 | 178 | 97 | 247 | | | 340 | 195 | 280 | 16 | 15 |
| SD 120/2 | SD 120/2T | 127 | 45 | 315 | 155 | 115 | 178 | 97 | 247 | | | 340 | 195 | 280 | 16,5 | 16 |
| SDB 100/2 | - | 130 | 70 | 395 | 180 | 130 | 195 | 90 | 240 | | | 420 | 230 | 309 | 23 | - |
| SDB 150/2 | SDB 150/2T | 130 | 70 | 395 | 180 | 130 | 195 | 90 | 240 | 2" G | 2" G | 420 | 230 | 309 | 23 | 23 |
| SD 150/2 | SD 150/2 T | 150 | 53 | 400 | 180 | 140 | 218 | 115 | 285 | | | 420 | 230 | 309 | 27 | 27,5 |
| SD 200/2 | SD 200/2T | 150 | 53 | 400 | 180 | 140 | 218 | 115 | 285 | | | 420 | 230 | 309 | 26 | 27,5 |
| SD 250/2 | SD 250/2T | 150 | 53 | 400 | 180 | 140 | 218 | 115 | 285 | | | 420 | 230 | 309 | 27,5 | 28 |
| SD 200/3 | SD 200/3T | 176,5 | 80 | 485 | 184 | 130 | 225 | 112 | 292 | 3" G | 3" G | 520 | 235 | 320 | 33 | 28 |
| SD 300/3 | SD 300/3T | 176,5 | 80 | 485 | 184 | 130 | 225 | 112 | 292 | | | 520 | 235 | 320 | 33 | 30,5 |
| - | SD 400/3T | 176,5 | 80 | 485 | 184 | 130 | 225 | 112 | 292 | | | 520 | 235 | 320 | - | 36,5 |
| SD 450/4 | SD 450/4T | 165 | 85 | 515 | 200 | 150 | 250 | 130 | 330 | 4" G | 4" G | 546 | 265 | 355 | 46,5 | 42,5 |
| - | SD 550/4T | 165 | 85 | 515 | 200 | 150 | 250 | 130 | 330 | | | 546 | 265 | 355 | - | 47 |
| - | SD 750/4T | 117 | 83 | 559 | 215 | 170 | 254 | 134 | 333 | | | 675 | 390 | 300 | - | 56,5 |
| - | SD 1000/4T | 117 | 83 | 559 | 215 | 170 | 254 | 134 | 333 | | | 675 | 390 | 300 | - | 63 |