# STANDARD CENTRIFUGAL PUMPS “HST”



## TECHNICAL FEATURES

- Close-coupled centrifugal pump; electric motor with extended shaft connected directly to the pump.
- Pump casing with axial suction and radial delivery on top.
- Main dimensions and performance according to EN 733.
- Versions: HSTm with single-phase motor and single impeller; HST with three-phase motor and single impeller; HST/D with double impeller.
- For clean, non-aggressive liquids without abrasives.
- Applications: water supply, pressure boosting, irrigation, water circulation, cleaning sets, firefighting sets, industrial and agricultural applications.
- Performance range: flow rate up to 6000 l/min (360 $m^3$/h); head up to 99.5 m; power up to 55 kW; diameter up to 100 mm.
- Model designation, for example HST(m) 32-160/22: HST = model name; (m) = single-phase motor; 32 = outlet diameter in mm; 160 = impeller code in mm; 22 = 22/10 = 2.2 kW motor.
- On request: special mechanical seal; other voltages or 60 Hz frequency; protection IP55 or IP54; single-phase motor (HSTm) up to 3.0 kW; higher or lower liquid or ambient temperatures.

## WORKING CONDITION

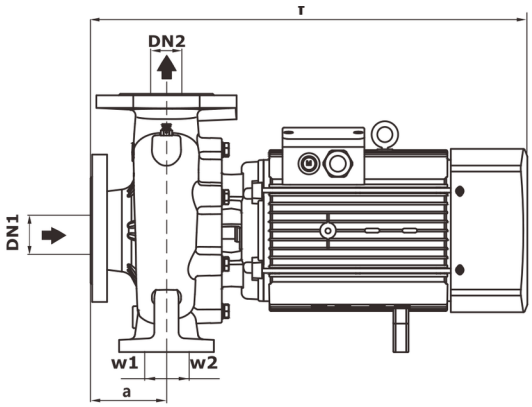
- Manometric suction lift up to 8 m
- Liquid temperature from −10 °C to +120 °C
- Ambient temperature from −10 °C to +40 °C
- Maximum pressure in pump body 16 bar (PN16)
- Continuous service S1
- Motor speed: 2900 RPM

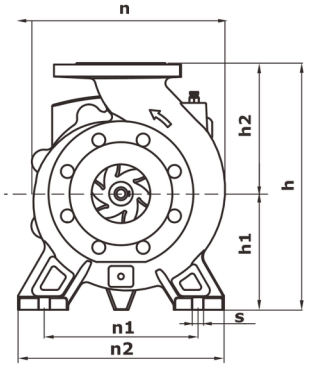
## MATERIALS

| COMPONENT | CONSTRUCTION |
|---|---|
| **Impeller** | **AISI 304 SS for 32-125, 32-160, 32-200 and 32-250D; cast iron for the other sizes** |
| **32-250/55D, 32-250/75D** | **Double impeller** |

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## OVERALL DIMENSION



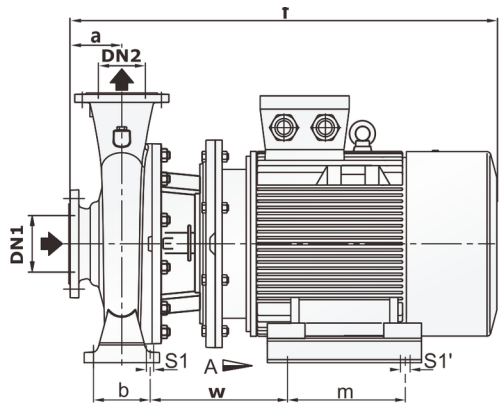

Dimensions in mm, weight in kg

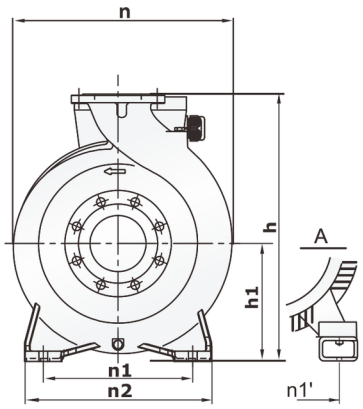
| MODEL | DN1 | DN2 | a | f | h | h1 | h2 | n | n1 | n2 | w1 | w2 | s | kg (3~) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HST32-125/7 | 50 | 32 | 80 | 434 | 252 | 112 | 140 | 198 | 141 | 190 | 35 | 35 | 15 | 24 |
| HST32-125/11 | 50 | 32 | 80 | 434 | 252 | 112 | 140 | 198 | 141 | 190 | 35 | 35 | 15 | 25 |
| HST32-160/15 | 50 | 32 | 80 | 430.5 | 292 | 132 | 160 | 240 | 191 | 240 | 35 | 35 | 15 | 34 |
| HST32-160/22 | 50 | 32 | 80 | 470.5 | 292 | 132 | 160 | 240 | 191 | 240 | 35 | 35 | 15 | 39 |
| HST32-160/30 | 50 | 32 | 80 | 470.5 | 292 | 132 | 160 | 240 | 191 | 240 | 35 | 35 | 15 | 50 |
| HST32-200/30 | 50 | 32 | 80 | 495.5 | 340 | 160 | 180 | 265 | 191 | 240 | 35 | 35 | 15 | 52 |
| HST32-200/40 | 50 | 32 | 80 | 495.5 | 340 | 160 | 180 | 265 | 191 | 240 | 35 | 35 | 15 | 53 |
| HST32-250/55 | 50 | 32 | 100 | 579 | 405 | 180 | 225 | 288 | 250 | 320 | 47.5 | 47.5 | 15 | 66 |
| HST32-250/75 | 50 | 32 | 100 | 579 | 405 | 180 | 225 | 288 | 250 | 320 | 47.5 | 47.5 | 15 | 73 |
| HST32-250/92 | 50 | 32 | 88 | 590 | 405 | 186 | 219 | 333 | 250 | 328 | 49 | 49 | 16 | 80 |
| HST32-250/110 | 50 | 32 | 88 | 590 | 405 | 186 | 219 | 333 | 250 | 328 | 49 | 49 | 16 | 95 |
| HST32-250/150 | 50 | 32 | 94 | 712 | 415 | 186 | 229 | 327 | 250 | 327 | 49 | 49 | 16 | 125 |
| HST32-250/55D-75D | 50 | 32 | 154 | 612 | 358 | 160 | 198 | 304.5 | 212 | 272 | 47.5 | 25.5 | 15 | 73/180 |
| HST40-125/11 | 65 | 40 | 80 | 438 | 252 | 112 | 107.5 | 218 | 161 | 210 | 35 | 35 | 15 | 27 |
| HST40-125/15 | 65 | 40 | 80 | 438 | 252 | 112 | 107.5 | 218 | 161 | 210 | 35 | 35 | 15 | 29 |
| HST40-125/22 | 65 | 40 | 80 | 478 | 252 | 112 | 107.5 | 218 | 161 | 210 | 35 | 35 | 15 | 34 |
| HST40-160/30 | 65 | 40 | 80 | 501 | 292 | 132 | 160 | 248 | 190 | 240.5 | 35 | 35 | 15 | 48 |
| HST40-160/40 | 65 | 40 | 80 | 501 | 292 | 132 | 160 | 248 | 190 | 240.5 | 35 | 35 | 15 | 50 |
| HST40-200/55-75 | 65 | 40 | 100 | 562 | 340 | 160 | 180 | 277 | 211 | 268.5 | 35 | 35 | 15 | 66/73 |
| HST40-250/92 | 65 | 40 | 94 | 712 | 415 | 186 | 229 | 327 | 250 | 327 | 49 | 49 | 15 | 100 |
| HST40-250/110 | 65 | 40 | 94 | 712 | 415 | 186 | 229 | 327 | 250 | 327 | 49 | 49 | 15 | 116 |

# STANDARD CENTRIFUGAL PUMPS “HST”

| MODEL | DN1 | DN2 | a | f | h | h1 | h2 | n | n1 | n2 | w1 | w2 | s | kg (3~) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HST40-250/150 | 65 | 40 | 94 | 712 | 415 | 186 | 229 | 327 | 250 | 327 | 49 | 49 | 15 | 146 |
| HST40-250/185 | 65 | 40 | 94 | 712 | 415 | 186 | 229 | 327 | 250 | 327 | 49 | 49 | 15 | 155 |
| HST50-125/22 | 65 | 50 | 100 | 522 | 312 | 132 | 180 | 246 | 190 | 240.5 | 36 | 34 | 15 | 41 |
| HST50-125/30 | 65 | 50 | 100 | 522 | 312 | 132 | 180 | 246 | 190 | 240.5 | 36 | 34 | 15 | 50 |
| HST50-125/40 | 65 | 50 | 100 | 522 | 312 | 132 | 180 | 246 | 190 | 240.5 | 36 | 34 | 15 | 52 |
| HST50-160/55-75 | 65 | 50 | 100 | 567 | 340 | 160 | 180 | 274.5 | 211 | 268.5 | 34.5 | 34.5 | 15 | 64/71 |
| HST50-200/92 | 65 | 50 | 104 | 722 | 392 | 186 | 206 | 307 | 232 | 310 | 37 | 37 | 15 | 90 |
| HST50-200/110 | 65 | 50 | 104 | 722 | 392 | 186 | 206 | 307 | 232 | 310 | 37 | 37 | 15 | 106 |
| HST50-200/150 | 65 | 50 | 102 | 720 | 416 | 186 | 230 | 330 | 250 | 327 | 37 | 37 | 15 | 145 |
| HST50-250/150-185-220 | 65 | 50 | 102 | 720 | 416 | 186 | 230 | 330 | 250 | 327 | 46 | 46 | 15 | 148/153/183 |
| HST65-125/40 | 80 | 65 | 67.5 | 576 | 340 | 160 | 180 | 286 | 211 | 284.5 | 46 | 46 | 15 | 56 |
| HST65-125/55-75 | 80 | 65 | 67.5 | 576 | 340 | 160 | 180 | 286 | 211 | 284.5 | 46 | 46 | 15 | 68/74 |
| HST65-160/92 | 80 | 65 | 110 | 730 | 425 | 186 | 239 | 330 | 232 | 309 | 49 | 49 | 15 | 90 |
| HST65-160/110 | 80 | 65 | 110 | 730 | 425 | 186 | 239 | 330 | 232 | 309 | 49 | 49 | 15 | 106 |
| HST65-160/150 | 80 | 65 | 110 | 730 | 425 | 186 | 239 | 330 | 232 | 309 | 49 | 49 | 15 | 134 |
| HST65-200/150-185-220 | 80 | 65 | 111 | 740 | 425 | 186 | 239 | 330 | 232 | 309 | 49 | 49 | 15 | 140/145/185 |
| HST80-125/40 | 100 | 80 | 117 | 750 | 357 | 163 | 194 | 330 | 212 | 280 | 49 | 49 | 15 | 56 |
| HST80-125/55-75 | 100 | 80 | 117 | 750 | 357 | 163 | 194 | 330 | 212 | 280 | 49 | 49 | 15 | 68/74 |
| HST80-160/110 | 100 | 80 | 88 | 750 | 435 | 186 | 250 | 330 | 255 | 332 | 49 | 49 | 15 | 113 |
| HST80-160/150-185-220 | 100 | 80 | 88 | 750 | 435 | 186 | 250 | 330 | 255 | 332 | 49 | 49 | 15 | 143/150/183 |
| HST100-160/150-185-220 | 125 | 100 | 130 | 765 | 435 | 186 | 250 | 345 | 262 | 340 | 55 | 55 | 16 | 143/150/183 |

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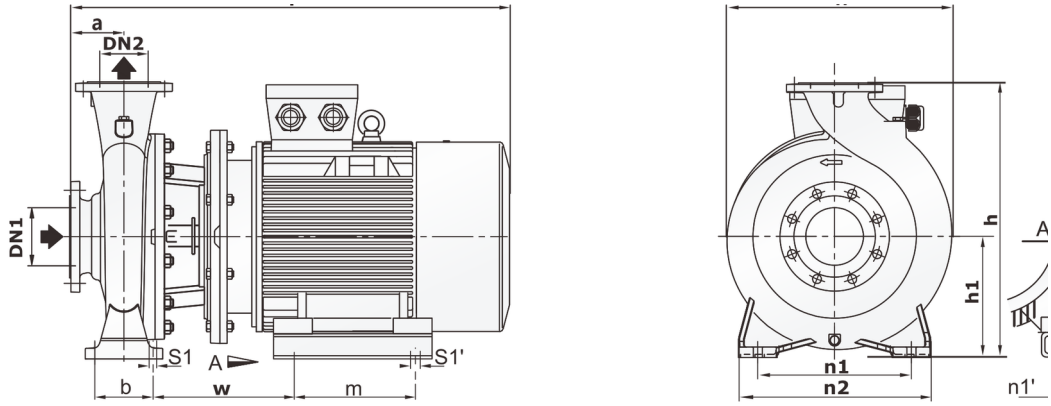




Dimensions in mm, weight in kg

| MODEL | DN1 | DN2 | a | f | h1 | h | n | n1 | n1' | n2 | b | w | m | s1 | s1' | kg (3~) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HST65-250/220 | 80 | 65 | 116 | 870 | 420 | 180 | 369 | 280 | 279 | 360 | 120 | 237 | 241 | 18 | 15 | 214 |
| HST65-250/300 | 80 | 65 | 116 | 990 | 420 | 180 | 369 | 280 | 318 | 360 | 120 | 278 | 305 | 18 | 18 | 265 |
| HST65-250/370 | 80 | 65 | 116 | 990 | 420 | 180 | 369 | 280 | 318 | 360 | 120 | 278 | 305 | 18 | 18 | 285 |
| HST65-315/450 | 80 | 65 | 125 | 1069 | 505 | 225 | 440 | 280 | 356 | 360 | 120 | 324 | 311 | 18 | 18 | 371 |
| HST65-315/550 | 80 | 65 | 125 | 1160 | 505 | 225 | 440 | 280 | 406 | 360 | 120 | 373 | 349 | 18 | 24 | 450 |
| HST65-315/750 | 80 | 65 | 125 | 1232 | 505 | 225 | 440 | 280 | 457 | 360 | 120 | 395 | 368 | 18 | 24 | 582 |
| HST65-315/900 | 80 | 65 | 125 | 1283 | 505 | 225 | 440 | 280 | 457 | 360 | 120 | 395 | 419 | 18 | 24 | 617 |
| HST80-200/220 | 100 | 80 | 125 | 880 | 460 | 250 | 360 | 280 | 279 | 345 | 95 | 251 | 241 | 14 | 15 | 211 |
| HST80-200/300 | 100 | 80 | 125 | 950 | 460 | 250 | 360 | 280 | 318 | 345 | 95 | 242 | 305 | 14 | 18 | 262 |
| HST80-250/370 | 100 | 80 | 125 | 950 | 535 | 250 | 410 | 315 | 318 | 400 | 120 | 229 | 305 | 18 | 18 | 289 |
| HST80-250/450 | 100 | 80 | 125 | 980 | 535 | 250 | 410 | 315 | 356 | 400 | 120 | 235 | 311 | 18 | 18 | 362 |
| HST80-250/550 | 100 | 80 | 125 | 1160 | 535 | 250 | 410 | 315 | 406 | 400 | 120 | 373 | 349 | 18 | 24 | 441 |
| HST80-315/450 | 100 | 80 | 125 | 1069 | 565 | 250 | 452 | 315 | 356 | 400 | 120 | 324 | 311 | 18 | 18 | 381 |
| HST80-315/550 | 100 | 80 | 125 | 1160 | 565 | 250 | 452 | 315 | 406 | 400 | 120 | 373 | 349 | 18 | 24 | 460 |
| HST80-315/750 | 100 | 80 | 125 | 1232 | 565 | 250 | 452 | 315 | 457 | 400 | 120 | 395 | 368 | 18 | 24 | 592 |
| HST80-315/900 | 100 | 80 | 125 | 1283 | 565 | 250 | 452 | 315 | 457 | 400 | 120 | 395 | 419 | 18 | 24 | 627 |
| HST100-200/220 | 125 | 100 | 125 | 910 | 530 | 225 | 422 | 280 | 279 | 360 | 120 | 268 | 241 | 18 | 15 | 216 |
| HST100-200/300 | 125 | 100 | 125 | 1025 | 530 | 225 | 422 | 280 | 318 | 360 | 120 | 304 | 305 | 18 | 18 | 267 |
| HST100-200/370 | 125 | 100 | 125 | 1025 | 530 | 225 | 422 | 280 | 318 | 360 | 120 | 304 | 305 | 18 | 18 | 287 |
| HST100-250/450 | 125 | 100 | 140 | 1000 | 580 | 250 | 450 | 315 | 356 | 400 | 120 | 240 | 311 | 18 | 18 | 366 |
| HST100-250/550 | 125 | 100 | 140 | 1180 | 580 | 250 | 450 | 315 | 406 | 400 | 120 | 378 | 349 | 18 | 24 | 445 |

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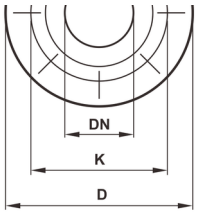
| MODEL | DN1 | DN2 | a | f | h1 | h | n | n1 | n1' | n2 | b | w | m | s1 | s1' | kg (3~) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HST100-250/750 | 125 | 100 | 140 | 1250 | 580 | 250 | 450 | 315 | 457 | 400 | 120 | 398 | 368 | 18 | 24 | 577 |
| HST100-250/900 | 125 | 100 | 140 | 1300 | 580 | 250 | 422 | 315 | 457 | 400 | 120 | 397 | 419 | 18 | 24 | 612 |
| HST100-315/750 | 125 | 100 | 140 | 1262 | 625 | 250 | 480 | 315 | 457 | 400 | 120 | 410 | 368 | 19 | 24 | 591 |
| HST100-315/900 | 125 | 100 | 140 | 1313 | 625 | 250 | 480 | 315 | 457 | 400 | 120 | 410 | 419 | 19 | 24 | 626 |
| HST100-315/1100 | 125 | 100 | 140 | 1474 | 625 | 250 | 480 | 315 | 508 | 400 | 120 | 436 | 406 | 19 | 28 | 972 |
| HST100-315/1320 | 125 | 100 | 140 | 1584 | 625 | 250 | 480 | 315 | 508 | 400 | 120 | 436 | 457 | 19 | 28 | 1087 |
| HST100-315/1600 | 125 | 100 | 140 | 1584 | 625 | 250 | 480 | 315 | 508 | 400 | 120 | 436 | 508 | 19 | 28 | 1125 |




Dimensions in mm, weight in kg

| MODEL | DN1 | DN2 | a | f | h1 | h | n | n1 | n1' | n2 | b | w | m | s1 | s1' | kg (3~) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HST125-200/450 | 150 | 125 | 140 | 1099 | 565 | 250 | 422 | 315 | 356 | 400 | 120 | 339 | 311 | 19 | 18 | 378 |
| HST125-200/550 | 150 | 125 | 140 | 1190 | 565 | 250 | 422 | 315 | 406 | 400 | 120 | 388 | 349 | 19 | 24 | 457 |
| HST125-200/750 | 150 | 125 | 140 | 1262 | 565 | 250 | 422 | 315 | 457 | 400 | 120 | 410 | 368 | 19 | 24 | 589 |
| HST125-250/550 | 150 | 125 | 140 | 1190 | 605 | 250 | 500 | 315 | 406 | 400 | 120 | 388 | 349 | 19 | 24 | 457 |
| HST125-250/750 | 150 | 125 | 140 | 1262 | 605 | 250 | 500 | 315 | 457 | 400 | 120 | 410 | 368 | 19 | 24 | 589 |
| HST125-250/900 | 150 | 125 | 140 | 1313 | 605 | 250 | 500 | 315 | 457 | 400 | 120 | 410 | 419 | 19 | 24 | 624 |

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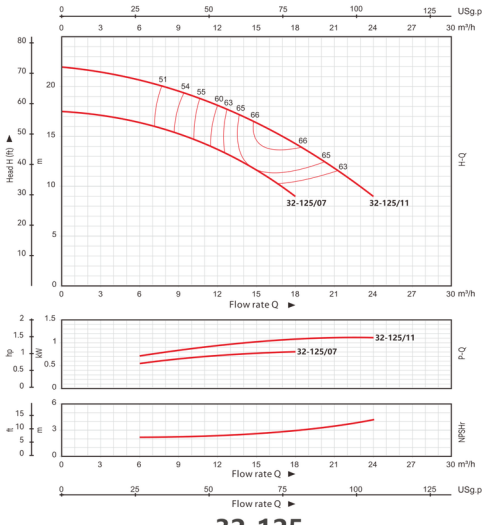


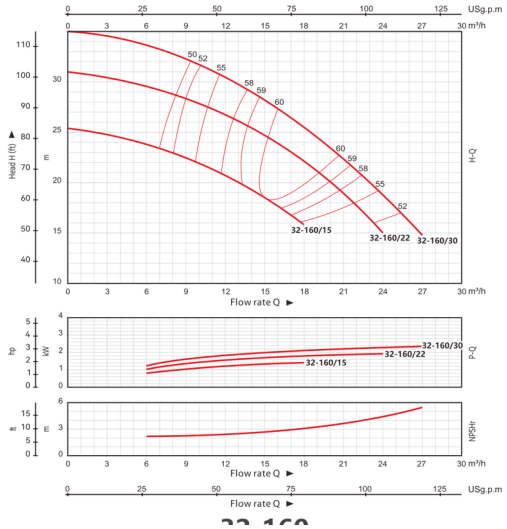

FLANGES

Flanges

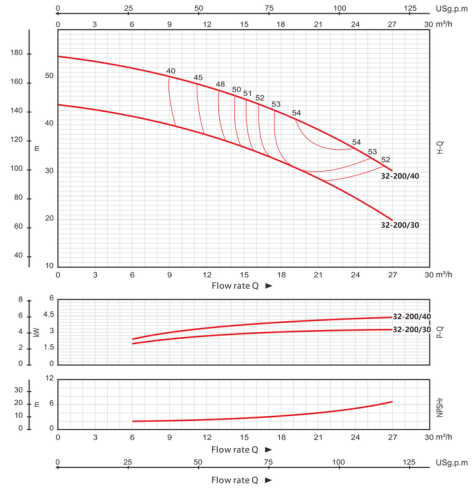
| DN FLANGES | D (mm) | K (mm) | HOLES N | HOLES (mm) |
|---|---|---|---|---|
| 32 | 140 | 100 | 4 | 18 |
| 40 | 150 | 110 | 4 | 18 |
| 50 | 165 | 125 | 4 | 18 |
| 65 | 185 | 145 | 4 | 18 |
| 80 | 200 | 160 | 8 | 18 |
| 100 | 220 | 180 | 8 | 18 |

## PERFORMANCE CHART AT n = 2900 RPM

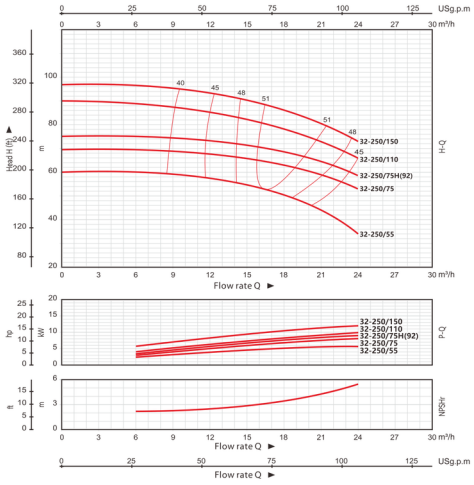


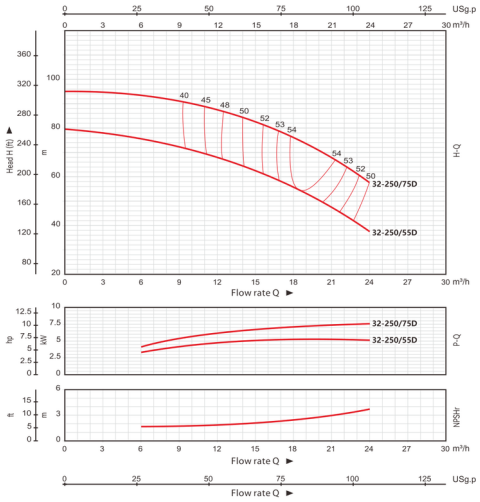
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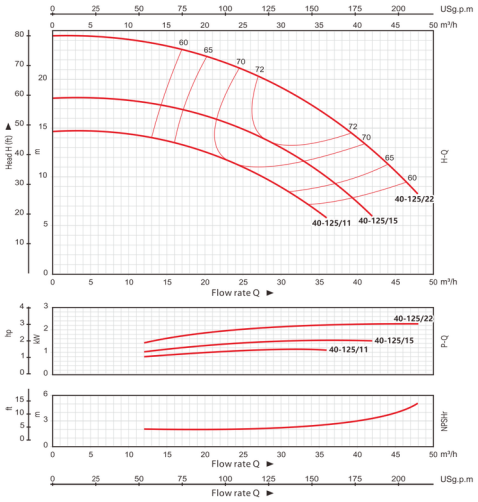

32-200




32-250

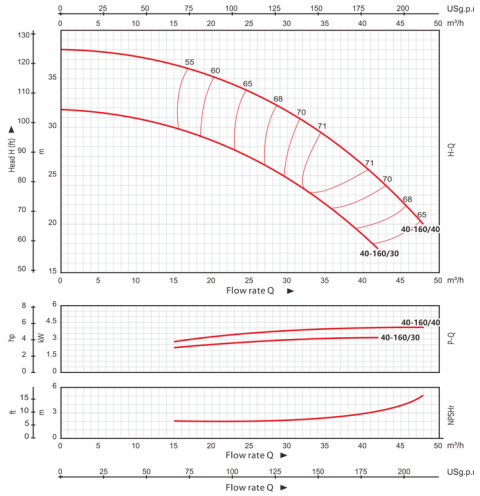



32-250D

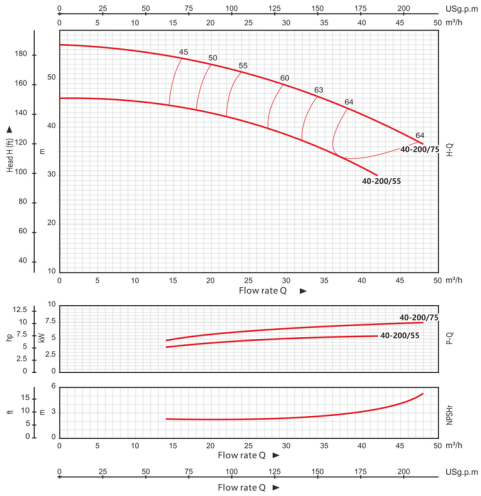



40-125

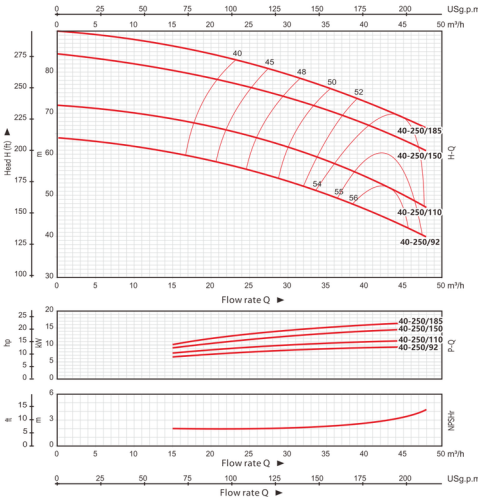
# STANDARD CENTRIFUGAL PUMPS “HST”



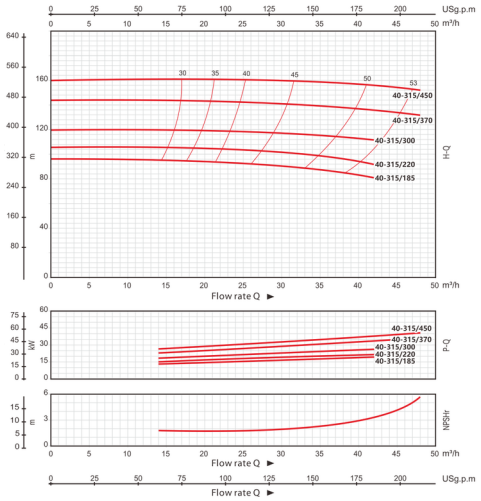

40-160




40-200

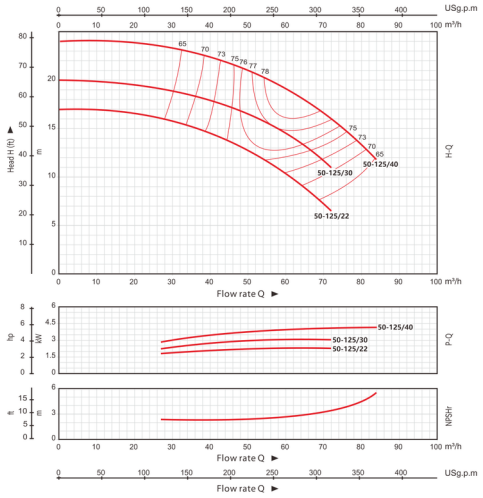



40-250

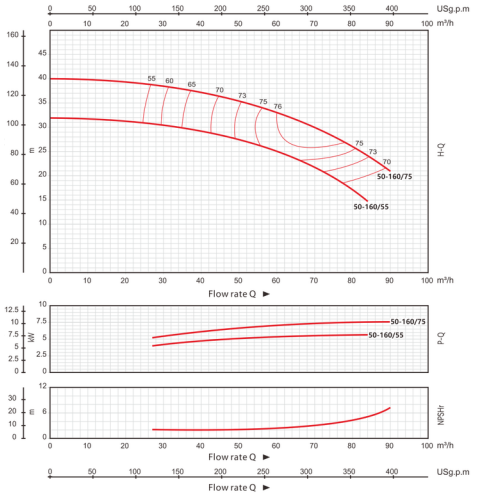



40-315

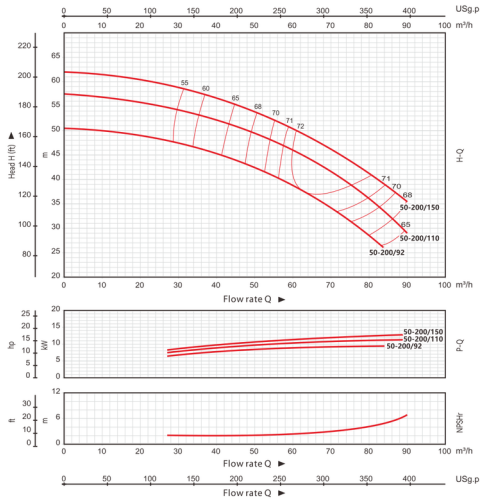
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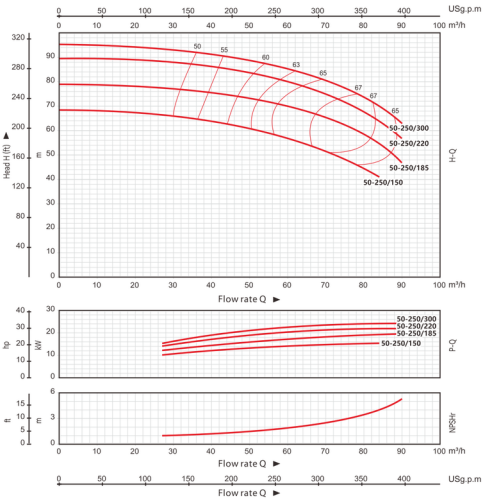

50-125




50-160

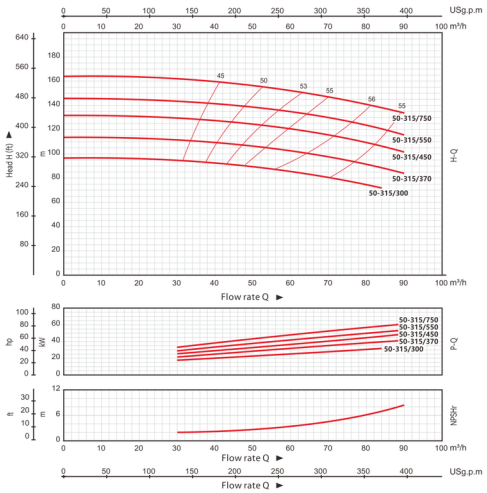



50-200

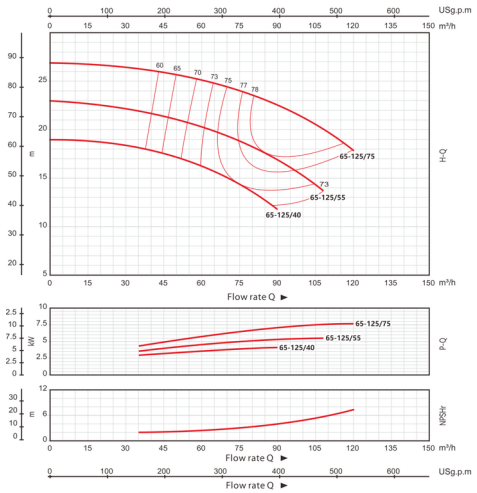



50-250

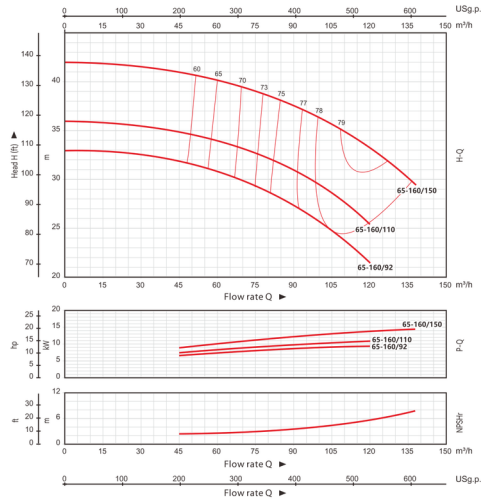
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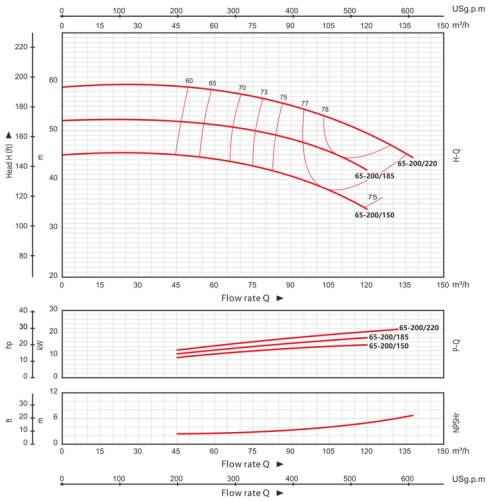

50-315




65-125

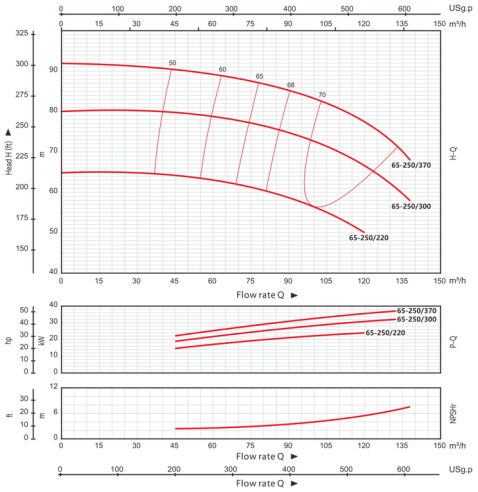



65-160

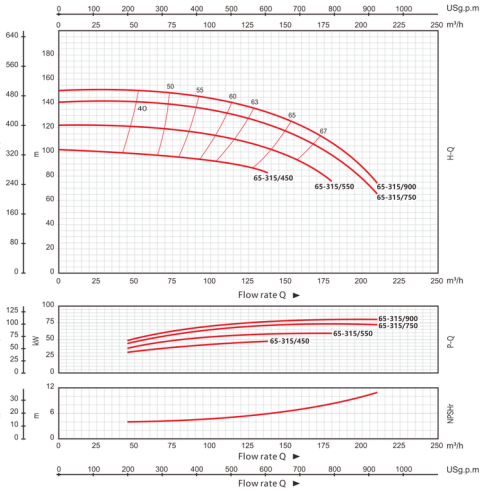



65-200

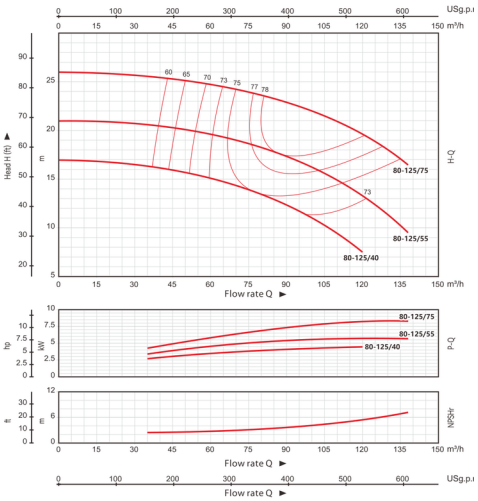
# STANDARD CENTRIFUGAL PUMPS “HST”



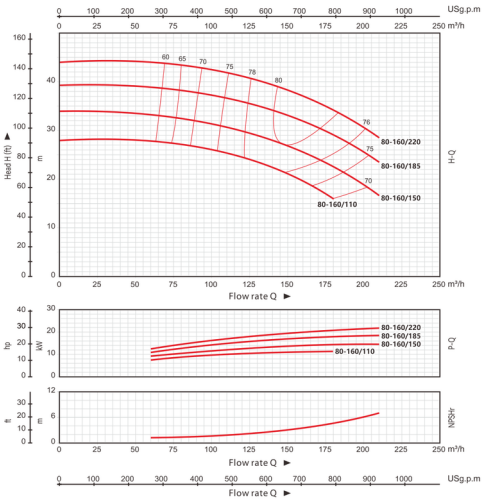

65-250




65-315

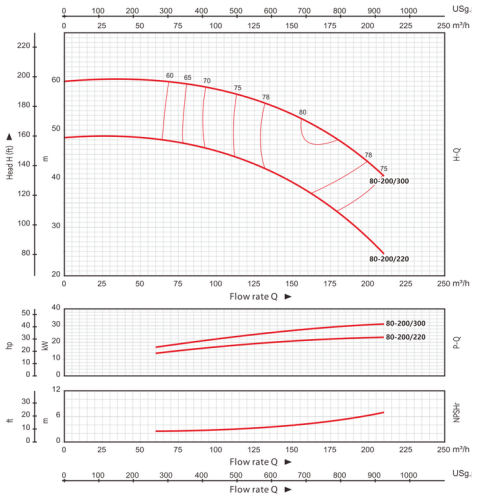



80-125

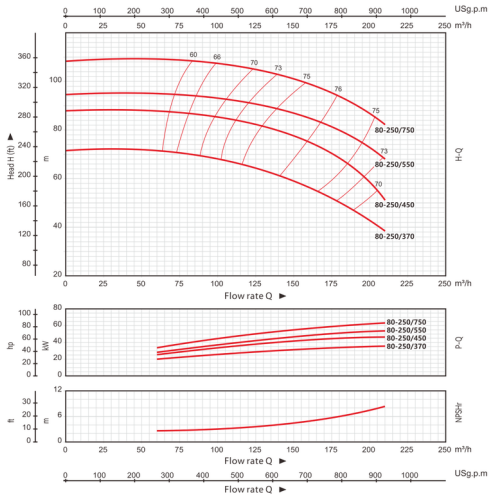



80-160

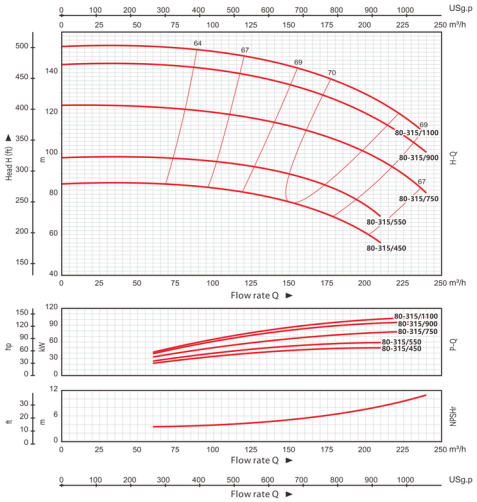
# STANDARD CENTRIFUGAL PUMPS “HST”



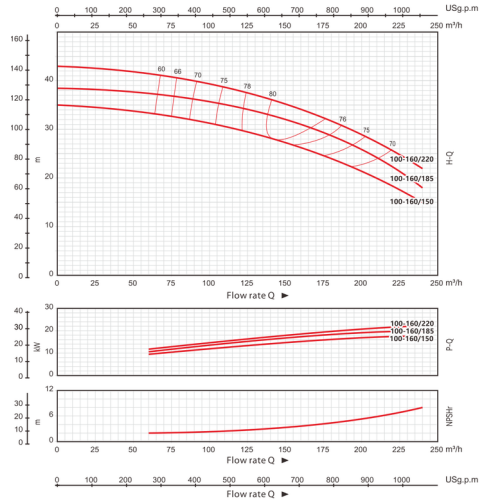

80-200




80-250

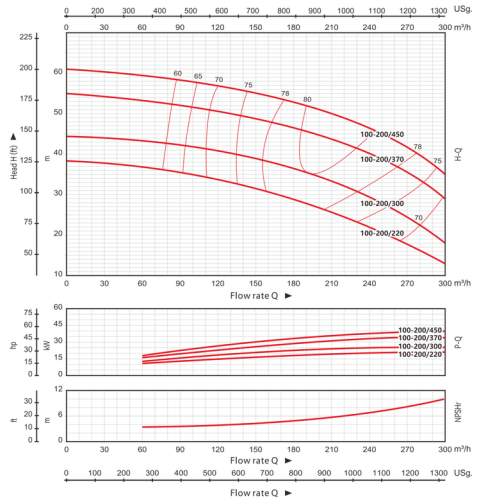



80-315

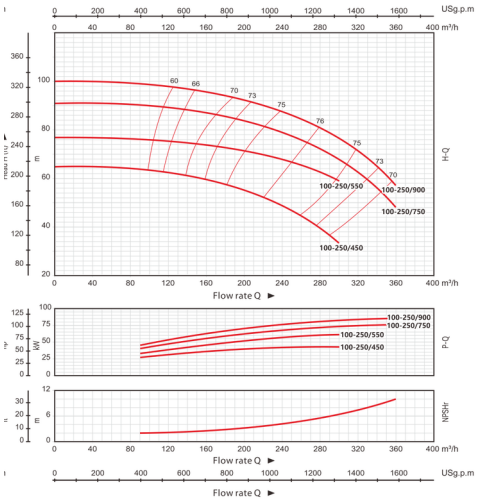



100-160

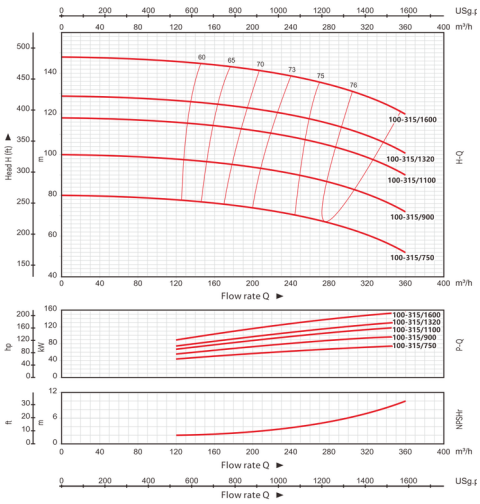
# STANDARD CENTRIFUGAL PUMPS “HST”



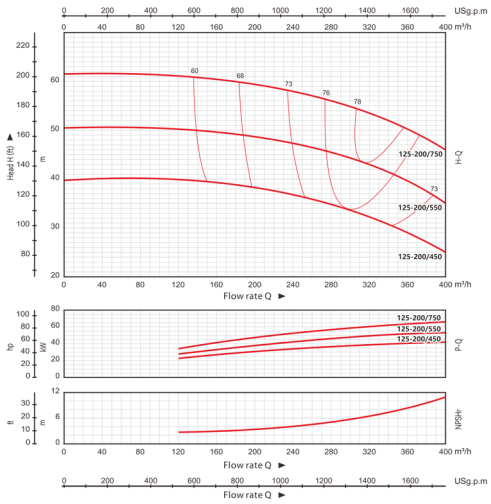

100-200




100-250



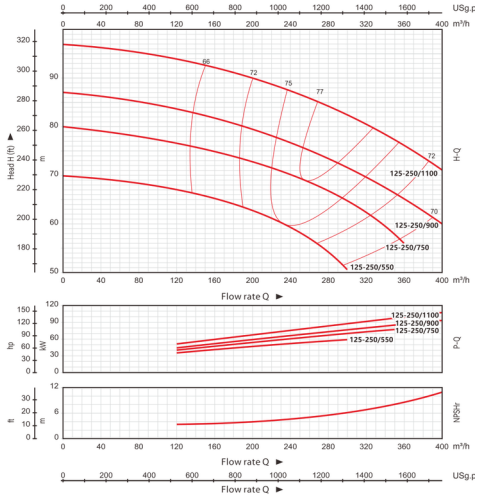

100-315



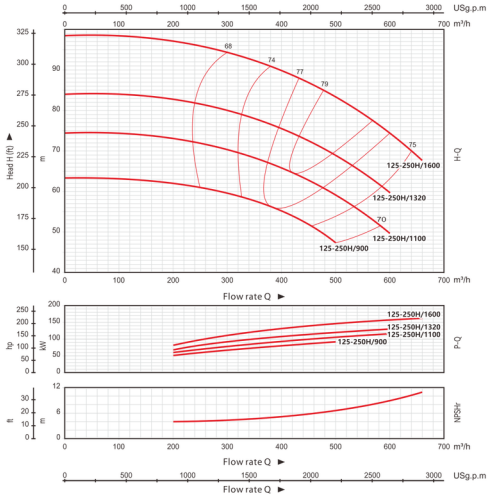

125-200

PUMPS

# STANDARD CENTRIFUGAL PUMPS “HST”




125-250




125-250H

HST32-125/07 – HST65-250/370

| NO. | MODEL | DN (mm) | POWER kW | POWER HP | Q ($m^3$/h) | 0 | 6 | 9 | 15 | 18 | 24 | 27 | 36 | 42 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Q (l/min) | 0 | 100 | 150 | 250 | 300 | 400 | 450 | 600 | 700 |
| 1 | HST32-125/07 | 50 × 32 | 0.75 | 1 | H (m) | 17.5 | 16.7 | 15 | 12 | 9 | | | | |
| 2 | HST32-125/11 | 50 × 32 | 1.1 | 1.5 | H (m) | 22 | 21 | 19.7 | 16.5 | 14.5 | 9 | | | |
| 3 | HST32-160/15 | 50 × 32 | 1.5 | 2 | H (m) | 25.4 | 23.7 | 22.5 | 18.5 | 15.8 | | | | |
| 4 | HST32-160/22 | 50 × 32 | 2.2 | 3 | H (m) | 31 | 29.6 | 28.5 | 24.5 | 22 | 15 | | | |
| 5 | HST32-160/30 | 50 × 32 | 3 | 4 | H (m) | 35 | 34.3 | 32.5 | 28 | 25.5 | 19 | 15 | | |
| 6 | HST32-200/30 | 50 × 32 | 3 | 4 | H (m) | 44.2 | 42 | 39.8 | 35.2 | 32.2 | 24.6 | 19.8 | | |
| 7 | HST32-200/40 | 50 × 32 | 4 | 5.5 | H (m) | 54.5 | 52 | 50 | 45.5 | 42.3 | 35 | 30.3 | | |
| 8 | HST32-250/55 | 50 × 32 | 5.5 | 7.5 | H (m) | 60 | 59.5 | 59 | 55 | 50.2 | 34.5 | | | |
| 9 | HST32-250/75 | 50 × 32 | 7.5 | 10 | H (m) | 69.5 | 69 | 68.5 | 66 | 63 | 53 | | | |
| 10 | HST32-250/92 | 50 × 32 | 9.2 | 12.5 | H (m) | 75 | 75 | 74.5 | 72 | 69 | 59 | | | |
| 11 | HST32-250/110 | 50 × 32 | 11 | 15 | H (m) | 90 | 89.5 | 88 | 82 | 78 | 66 | | | |
| 12 | HST32-250/150 | 50 × 32 | 15 | 20 | H (m) | 97 | 96.5 | 96 | 90 | 86 | 73 | | | |
| 13 | HST32-250/55D | 50 × 32 | 5.5 | 7.5 | H (m) | 79.5 | 74.7 | 71.8 | 63 | 56 | 37.5 | | | |
| 14 | HST32-250/75D | 50 × 32 | 7.5 | 10 | H (m) | 95 | 93 | 91 | 83 | 76 | 57.8 | | | |
| 15 | HST40-125/11 | 65 × 40 | 1.1 | 1.5 | H (m) | 14.7 | | | | 13 | 11.5 | 10.1 | 5.8 | |
| 16 | HST40-125/15 | 65 × 40 | 1.5 | 2 | H (m) | 18.1 | | | | 17 | 15 | 13.9 | 10 | 6 |
| 17 | HST40-125/22 | 65 × 40 | 2.2 | 3 | H (m) | 24.5 | | | | 23.2 | 21.5 | 20.2 | 16 | 13 |
| 18 | HST40-160/30 | 65 × 40 | 3 | 4 | H (m) | 31.8 | | | | 29.5 | 27.5 | 26.3 | 21.5 | 17.5 |
| 19 | HST40-160/40 | 65 × 40 | 4 | 5.5 | H (m) | 38 | | | | 36 | 34 | 33 | 28.5 | 25 |
| 20 | HST40-200/55 | 65 × 40 | 5.5 | 7.5 | H (m) | 46 | | | | 43.8 | 41.3 | 40.1 | 35 | 30 |

# STANDARD CENTRIFUGAL PUMPS "HST"

| NO. | MODEL | DN (mm) | POWER kW | POWER HP | Q (m³/h) | 0 | 6 | 9 | 15 | 18 | 24 | 27 | 36 | 42 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Q (l/min) | 0 | 100 | 150 | 250 | 300 | 400 | 450 | 600 | 700 |
| 21 | HST40-200/75 | 65 × 40 | 7.5 | 10 | H (m) | 57 | | | | 53.6 | 51.5 | 50 | 45 | 41 |
| 22 | HST40-250/92 | 65 × 40 | 9.2 | 12.5 | H (m) | 64 | | | | 59 | 56.5 | 55 | 49.5 | 45 |
| 23 | HST40-250/110 | 65 × 40 | 11 | 15 | H (m) | 72 | | | | 67.5 | 65 | 63.5 | 57.5 | 52.2 |
| 24 | HST40-250/150 | 65 × 40 | 15 | 20 | H (m) | 84.5 | | | | 79.3 | 77.3 | 75.2 | 70 | 66 |
| 25 | HST40-250/185 | 65 × 40 | 18.5 | 25 | H (m) | 90 | | | | 85.5 | 82.8 | 80.7 | 75.8 | 70.5 |
| 26 | HST50-125/22 | 65 × 50 | 2.2 | 3 | H (m) | 17 | | | | | | | 15.4 | 14 |
| 27 | HST50-125/30 | 65 × 50 | 3 | 4 | H (m) | 20 | | | | | | | 18.8 | 18 |
| 28 | HST50-125/40 | 65 × 50 | 4 | 5.5 | H (m) | 24 | | | | | | | 23.1 | 23 |
| 29 | HST50-160/55 | 65 × 50 | 5.5 | 7.5 | H (m) | 32 | | | | | | | 30.6 | 30 |
| 30 | HST50-160/75 | 65 × 50 | 7.5 | 10 | H (m) | 40 | | | | | | | 38 | 37 |
| 31 | HST50-200/92 | 65 × 50 | 9.2 | 12.5 | H (m) | 50.5 | | | | | | | 46.8 | 45 |
| 32 | HST50-200/110 | 65 × 50 | 11 | 15 | H (m) | 57.5 | | | | | | | 53.5 | 52 |
| 33 | HST50-200/150 | 65 × 50 | 15 | 20 | H (m) | 62 | | | | | | | 58 | 56.5 |
| 34 | HST50-250/150 | 65 × 50 | 15 | 20 | H (m) | 68.5 | | | | | | | 64 | 63 |
| 35 | HST50-250/185 | 65 × 50 | 18.5 | 25 | H (m) | 79 | | | | | | | 75.8 | 74.8 |
| 36 | HST50-250/220 | 65 × 50 | 22 | 30 | H (m) | 89.5 | | | | | | | 86 | 85.3 |
| 37 | HST65-125/40 | 80 × 65 | 4 | 5.5 | H (m) | 19 | | | | | | | | |
| 38 | HST65-125/55 | 80 × 65 | 5.5 | 7.5 | H (m) | 23 | | | | | | | | |
| 39 | HST65-125/75 | 80 × 65 | 7.5 | 10 | H (m) | 27 | | | | | | | | |
| 40 | HST65-160/92 | 80 × 65 | 9.2 | 12.5 | H (m) | 33 | | | | | | | | |
| 41 | HST65-160/110 | 80 × 65 | 11 | 15 | H (m) | 36 | | | | | | | | |
| 42 | HST65-160/150 | 80 × 65 | 15 | 20 | H (m) | 42 | | | | | | | | |
| 43 | HST65-200/150 | 80 × 65 | 15 | 20 | H (m) | 45 | | | | | | | | |
| 44 | HST65-200/185 | 80 × 65 | 18.5 | 25 | H (m) | 52 | | | | | | | | |
| 45 | HST65-200/220 | 80 × 65 | 22 | 30 | H (m) | 59 | | | | | | | | |
| 46 | HST65-250/220 | 80 × 65 | 22 | 30 | H (m) | 64.8 | | | | | | | | |
| 47 | HST65-250/300 | 80 × 65 | 30 | 40 | H (m) | 80 | | | | | | | | |
| 48 | HST65-250/370 | 80 × 65 | 37 | 50 | H (m) | 92 | | | | | | | | |

| NO. | MODEL | DN (mm) | POWER kW | POWER HP | Q (m³/h) | 48 | 54 | 72 | 84 | 90 | 108 | 120 | 138 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Q (l/min) | 800 | 900 | 1200 | 1400 | 1500 | 1800 | 2000 | 2300 |
| 17 | HST40-125/22 | 65 × 40 | 2.2 | 3 | H (m) | 8.3 | | | | | | | |
| 19 | HST40-160/40 | 65 × 40 | 4 | 5.5 | H (m) | 20.1 | | | | | | | |
| 21 | HST40-200/75 | 65 × 40 | 7.5 | 10 | H (m) | 36.5 | | | | | | | |

# STANDARD CENTRIFUGAL PUMPS "HST"

| NO. | MODEL | DN (mm) | POWER kW | POWER HP | Q (m³/h) | 48 | 54 | 72 | 84 | 90 | 108 | 120 | 138 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Q (l/min) | 800 | 900 | 1200 | 1400 | 1500 | 1800 | 2000 | 2300 |
| 22 | HST40-250/92 | 65 × 40 | 9.2 | 12.5 | H (m) | 39.8 | | | | | | | |
| 23 | HST40-250/110 | 65 × 40 | 11 | 15 | H (m) | 47 | | | | | | | |
| 24 | HST40-250/150 | 65 × 40 | 15 | 20 | H (m) | 61 | | | | | | | |
| 25 | HST40-250/185 | 65 × 40 | 18.5 | 25 | H (m) | 66.5 | | | | | | | |
| 26 | HST50-125/22 | 65 × 50 | 2.2 | 3 | H (m) | 12.8 | 11.5 | 6.5 | | | | | |
| 27 | HST50-125/30 | 65 × 50 | 3 | 4 | H (m) | 17 | 15.6 | 11 | | | | | |
| 28 | HST50-125/40 | 65 × 50 | 4 | 5.5 | H (m) | 21.5 | 20.3 | 15.8 | 11.8 | | | | |
| 29 | HST50-160/55 | 65 × 50 | 5.5 | 7.5 | H (m) | 28 | 26.6 | 20.5 | 14.8 | | | | |
| 30 | HST50-160/75 | 65 × 50 | 7.5 | 10 | H (m) | 36 | 34.4 | 29 | 24 | 21 | | | |
| 31 | HST50-200/92 | 65 × 50 | 9.2 | 12.5 | H (m) | 43 | 40.9 | 32.5 | 26.7 | | | | |
| 32 | HST50-200/110 | 65 × 50 | 11 | 15 | H (m) | 50 | 47.5 | 40 | 34 | 29 | | | |
| 33 | HST50-200/150 | 65 × 50 | 15 | 20 | H (m) | 54.5 | 52 | 44.5 | 39 | 35.5 | | | |
| 34 | HST50-250/150 | 65 × 50 | 15 | 20 | H (m) | 61.5 | 59 | 50 | 41 | | | | |
| 35 | HST50-250/185 | 65 × 50 | 18.5 | 25 | H (m) | 74 | 71.5 | 63.5 | 55.5 | 47 | | | |
| 36 | HST50-250/220 | 65 × 50 | 22 | 30 | H (m) | 84 | 81.5 | 73.5 | 63.5 | 57 | | | |
| 37 | HST65-125/40 | 80 × 65 | 4 | 5.5 | H (m) | 17.3 | 16.8 | 14.5 | 13 | 11.8 | | | |
| 38 | HST65-125/55 | 80 × 65 | 5.5 | 7.5 | H (m) | 21.3 | 20.9 | 19 | 17.5 | 16.7 | 13.7 | | |
| 39 | HST65-125/75 | 80 × 65 | 7.5 | 10 | H (m) | 26 | 25.6 | 24.5 | 23 | 22.5 | 20 | 18 | |
| 40 | HST65-160/92 | 80 × 65 | 9.2 | 12.5 | H (m) | | 31.5 | 30 | 28 | 27.1 | 24 | 21.5 | |
| 41 | HST65-160/110 | 80 × 65 | 11 | 15 | H (m) | | 34.5 | 33 | 31.5 | 30.8 | 28 | 25.5 | |
| 42 | HST65-160/150 | 80 × 65 | 15 | 20 | H (m) | | 41 | 40 | 38.5 | 37.8 | 35 | 33 | 29.5 |
| 43 | HST65-200/150 | 80 × 65 | 15 | 20 | H (m) | | 45.5 | 43 | 41 | 40.2 | 36.5 | 34 | |
| 44 | HST65-200/185 | 80 × 65 | 18.5 | 25 | H (m) | | 52.3 | 51 | 49 | 48.2 | 44.5 | 42 | |
| 45 | HST65-200/220 | 80 × 65 | 22 | 30 | H (m) | | 59.5 | 58 | 56 | 55 | 52 | 49.5 | 44.5 |
| 46 | HST65-250/220 | 80 × 65 | 22 | 30 | H (m) | | 64.7 | 62 | 60 | 58.8 | 53 | 50 | |
| 47 | HST65-250/300 | 80 × 65 | 30 | 40 | H (m) | | 79.8 | 77.5 | 75.5 | 74.5 | 70 | 66 | 58 |
| 48 | HST65-250/370 | 80 × 65 | 37 | 50 | H (m) | | 90.5 | 88.5 | 87 | 85 | 80.5 | 78 | 68 |

HST65-315/450 – HST125-250/900

| NO. | MODEL | DN (mm) | kW | HP | Q (m³/h) | 0 | 60 | 90 | 120 | 144 | 180 | 200 | 210 | 220 | 240 | 280 | 300 | 360 | 400 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Q (l/min) | 0 | 1000 | 1500 | 2000 | 2400 | 3000 | 3333 | 3500 | 3667 | 4000 | 4667 | 5000 | 6000 | 6667 |
| 49 | HST65-315/450 | 80 × 65 | 45 | 60 | H (m) | 102 | 98 | 94.5 | 90 | 83 | | | | | | | | | |
| 50 | HST65-315/550 | 80 × 65 | 55 | 75 | H (m) | 122 | 120 | 114.5 | 110 | 100 | 76 | | | | | | | | |
| 51 | HST65-315/750 | 80 × 65 | 75 | 100 | H (m) | 141 | 141 | 134.5 | 130 | 120 | 96 | 78 | 65.5 | | | | | | |
| 52 | HST65-315/900 | 80 × 65 | 90 | 125 | H (m) | 151 | 150 | 144.5 | 140 | 130 | 106 | 88 | 75.5 | | | | | | |

# STANDARD CENTRIFUGAL PUMPS "HST"

| NO. | MODEL | DN (mm) | kW | HP | Q ($m^3/h$) | 0 | 60 | 90 | 120 | 144 | 180 | 200 | 210 | 220 | 240 | 280 | 300 | 360 | 400 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Q (l/min) | 0 | 1000 | 1500 | 2000 | 2400 | 3000 | 3333 | 3500 | 3667 | 4000 | 4667 | 5000 | 6000 | 6667 |
| 53 | HST80-125/40 | 100 × 80 | 4 | 5.5 | H (m) | 17 | 15 | 12.3 | 7.5 | | | | | | | | | | |
| 54 | HST80-125/55 | 100 × 80 | 5.5 | 7.5 | H (m) | 21 | 19.6 | 17.4 | 13.4 | 9.5 | | | | | | | | | |
| 55 | HST80-125/75 | 100 × 80 | 7.5 | 10 | H (m) | 26 | 24.8 | 23 | 19.5 | 16.5 | | | | | | | | | |
| 56 | HST80-160/110 | 100 × 80 | 11 | 15 | H (m) | 28 | 27 | 27.3 | 24.5 | 21.1 | 16 | | | | | | | | |
| 57 | HST80-160/150 | 100 × 80 | 15 | 20 | H (m) | 34 | 32.6 | 32.5 | 30.2 | 27 | 22.1 | 18.5 | 16.7 | | | | | | |
| 58 | HST80-160/185 | 100 × 80 | 18.5 | 25 | H (m) | 39 | 38.5 | 38 | 36.7 | 33.6 | 28.8 | 25.3 | 23.5 | | | | | | |
| 59 | HST80-160/220 | 100 × 80 | 22 | 30 | H (m) | 44 | 43.5 | 43 | 41.7 | 38.6 | 33.8 | 30.3 | 28.5 | | | | | | |
| 60 | HST80-200/220 | 100 × 80 | 22 | 30 | H (m) | 48 | 47.7 | 47.5 | 43.5 | 39.2 | 32.5 | 27.2 | 24.5 | | | | | | |
| 61 | HST80-200/300 | 100 × 80 | 30 | 40 | H (m) | 60 | 59.7 | 59.5 | 57 | 53.1 | 47 | 42.7 | 40.5 | | | | | | |
| 62 | HST80-250/370 | 100 × 80 | 37 | 50 | H (m) | 71.5 | 70.9 | 70.5 | 65.5 | 59.3 | 51 | 43.2 | 38.5 | | | | | | |
| 63 | HST80-250/450 | 100 × 80 | 45 | 60 | H (m) | 88 | 86.7 | 86 | 83.6 | 78.5 | 70.5 | 60 | 51 | | | | | | |
| 64 | HST80-250/550 | 100 × 80 | 55 | 75 | H (m) | 94.5 | 94.5 | 94.5 | 91.8 | 87 | 79.5 | 72.1 | 68.3 | | | | | | |
| 65 | HST80-315/450 | 100 × 80 | 45 | 60 | H (m) | 85 | 84 | 82.6 | 82 | 78 | 68.3 | 61 | 56 | | | | | | |
| 66 | HST80-315/550 | 100 × 80 | 55 | 75 | H (m) | 98 | 97 | 95.6 | 95 | 91 | 81.3 | 74 | 69 | | | | | | |
| 67 | HST80-315/750 | 100 × 80 | 75 | 100 | H (m) | 124 | 123 | 121.6 | 121 | 117 | 107.3 | 100 | 95 | 90 | 80.8 | | | | |
| 68 | HST80-315/900 | 100 × 80 | 90 | 125 | H (m) | 144 | 143 | 141.6 | 141 | 137 | 127.3 | 120 | 115 | 110 | 100.8 | | | | |
| 69 | HST100-160/150 | 125 × 100 | 15 | 20 | H (m) | 35 | 33.5 | 32.5 | 30 | 27.8 | 24.5 | 21.5 | 20 | 18.3 | 15 | | | | |
| 70 | HST100-160/185 | 125 × 100 | 18.5 | 25 | H (m) | 38.5 | 37.5 | 36.5 | 34.3 | 32.2 | 29 | 25.7 | 24 | 22 | 18 | | | | |
| 71 | HST100-160/220 | 125 × 100 | 22 | 30 | H (m) | 43 | 41 | 40 | 37.6 | 35.2 | 31.5 | 28.5 | 27 | 25.3 | 22 | | | | |
| 72 | HST100-200/220 | 125 × 100 | 22 | 30 | H (m) | 38.5 | 36.7 | 35.7 | 33.8 | 31.7 | 28.5 | 26.8 | 26 | 25 | 22.9 | 16.3 | 13 | | |
| 73 | HST100-200/300 | 125 × 100 | 30 | 40 | H (m) | 44.5 | 42.5 | 42 | 40.2 | 38.8 | 36.7 | 34.2 | 33 | 31.7 | 29 | 21.7 | 18 | | |
| 74 | HST100-200/370 | 125 × 100 | 37 | 50 | H (m) | 55 | 53 | 51 | 50.6 | 49.2 | 47 | 45 | 44 | 42.8 | 40.5 | 32.8 | 29 | | |
| 75 | HST100-250/450 | 125 × 100 | 45 | 60 | H (m) | 65 | 65 | 64 | 63 | 61 | 58 | 56 | 55 | 53.3 | 50 | 39 | 33.5 | | |
| 76 | HST100-250/550 | 125 × 100 | 55 | 75 | H (m) | 77 | 76 | 75.5 | 75 | 73.8 | 72 | 71.7 | 71.5 | 70.7 | 69 | 62.3 | 59 | | |
| 77 | HST100-250/750 | 125 × 100 | 75 | 100 | H (m) | 91 | 91 | 90.5 | 89.7 | 88 | 85.5 | 84 | 83.3 | 81.5 | 78 | 71.7 | 68.5 | 48 | |
| 78 | HST100-250/900 | 125 × 100 | 90 | 125 | H (m) | 100 | 100 | 99.5 | 98.7 | 97 | 94.5 | 93 | 92.3 | 90.5 | 87 | 80.7 | 77.5 | 57 | |
| 79 | HST100-315/750 | 125 × 100 | 75 | 100 | H (m) | 80 | | | 78.5 | 76.7 | 74 | 73 | 72.8 | 72.5 | 70.7 | 68 | 64 | 52 | |
| 80 | HST100-315/900 | 125 × 100 | 90 | 125 | H (m) | 100 | | | 98.5 | 96.7 | 94 | 93 | 92.8 | 92.5 | 90.7 | 88 | 84 | 72 | |
| 81 | HST100-315/1100 | 125 × 100 | 110 | 150 | H (m) | 118 | | | 116.5 | 114.7 | 112 | 111 | 110.8 | 110.5 | 108.7 | 106 | 102 | 90 | |
| 82 | HST100-315/1320 | 125 × 100 | 132 | 180 | H (m) | 129 | | | 127.5 | 125.7 | 123 | 122 | 121.8 | 121.5 | 119.7 | 117 | 112 | 101 | |
| 83 | HST100-315/1600 | 125 × 100 | 160 | 220 | H (m) | 148 | | | 146.5 | 144.7 | 142 | 141 | 140.8 | 140.5 | 138.7 | 136 | 132 | 120 | |
| 84 | HST125-200/450 | 150 × 125 | 45 | 60 | H (m) | 39.8 | | | 39.3 | 39.2 | 39 | 38.9 | 38.9 | 38.8 | 37.5 | 35 | 34 | 28.6 | 25 |
| 85 | HST125-200/550 | 150 × 125 | 55 | 75 | H (m) | 50.5 | | | 49.3 | 49.2 | 49 | 48.9 | 48.9 | 48.8 | 47.5 | 45 | 44 | 38.6 | 35 |
| 86 | HST125-200/750 | 150 × 125 | 75 | 100 | H (m) | 61.5 | | | 60.3 | 60.2 | 60 | 59.9 | 59.9 | 59.8 | 58.5 | 56 | 55 | 49.6 | 46 |
| 87 | HST125-250/550 | 150 × 125 | 55 | 75 | H (m) | 70 | | | 67 | 66 | 64 | 63 | 62 | 61 | 59.5 | 54 | 50.5 | | |
| 88 | HST125-250/750 | 150 × 125 | 75 | 100 | H (m) | 80 | | | 76.5 | 75.5 | 74 | 73 | 72 | 71.5 | 70 | 67 | 65 | 56 | |
| 89 | HST125-250/900 | 150 × 125 | 90 | 125 | H (m) | 87 | | | 84 | 82.5 | 81 | 79.5 | 79 | 78 | 77 | 73.5 | 71.5 | 65 | 60 |

# STANDARD CENTRIFUGAL PUMPS “HST”

*CERTIFICATIONS: CE, SASO (pump and motor).*

*Performance values at n = 2900 rpm, 50 Hz. Specifications are subject to change without notice.*