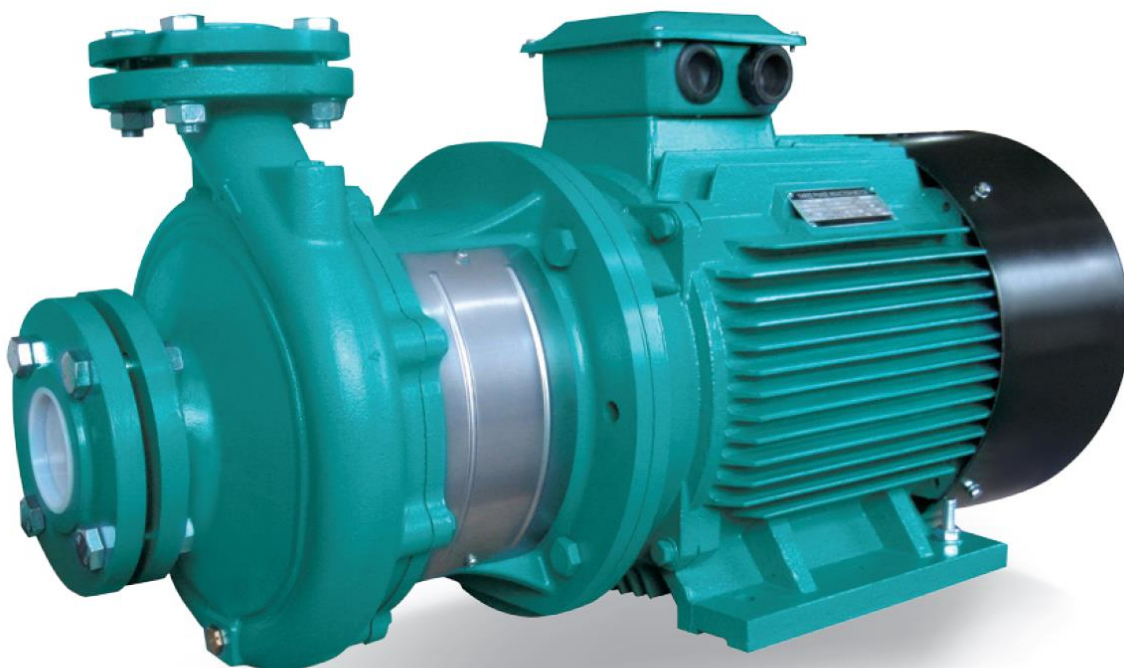


XST (>7.5 kW) Standardized centrifugal pump in cast iron (>7.5 kW)**Application**

- Transfer of clear water or other liquids chemically and physically comparable to water
- Water supply and irrigation
- Water circulation in air conditioning systems

Pompe

- Single-stage centrifugal pump
- Flow up to 220 m³/h
- HMT up to 95 m
- Liquid temperature between -10°C and 85°C
- Maximum operating pressure of 12 bars
- Stainless steel impeller AISI304 (XST40-250, XST50-200, XST50-250) or HT200
- Mechanical seal in accordance with DIN 24960
- Standardized centrifugal pumps according to EN 733

Moteur

- Insulation class: F
- Protection class: IP54
- Performances in accordance with CEI 2-3 (IEC 34.1)
- Maximum ambient temperature: +40°C

Identification codes**XST m 40 -250 /92**

Power (1/10 kW)

Ø impeller (mm)

Outlet Ø (mm)

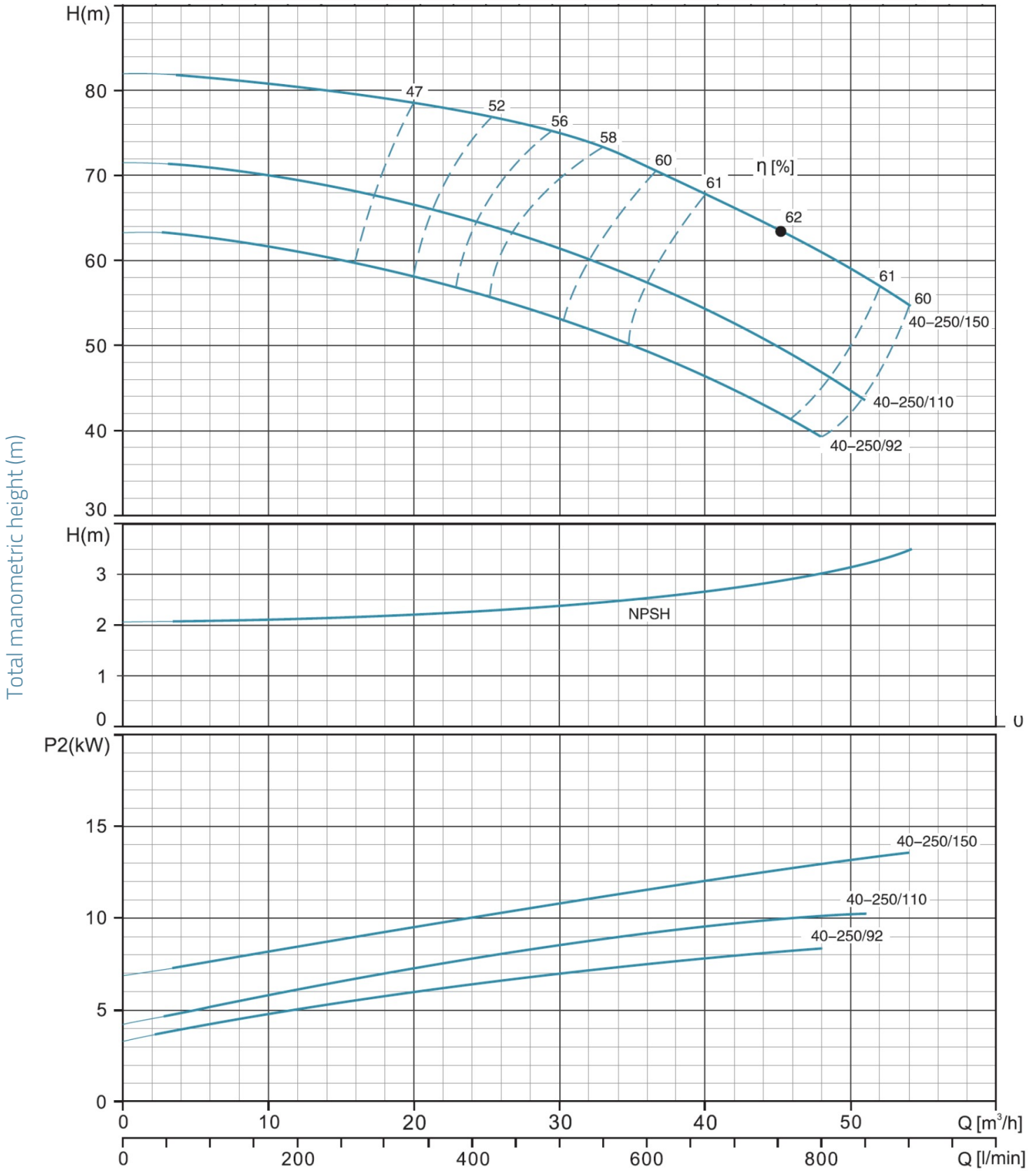
Single-phase motor

Standardized centrifugal pump

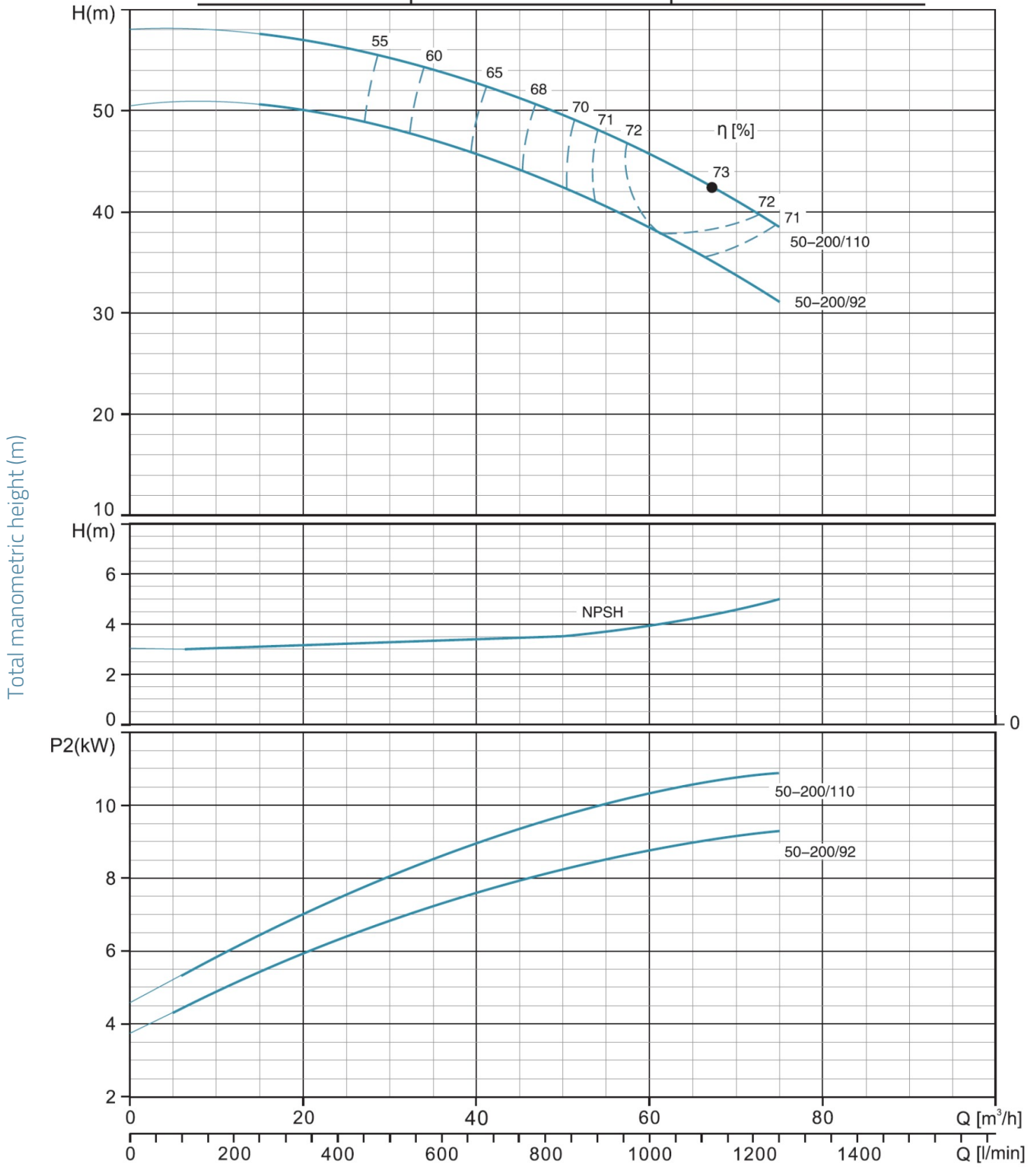
Technical data

| MODEL | kW | Q (m³/h) | | 0 | | 6 | | 9 | | 15 | | 18 | | 24 | | 27 | | 36 | | 42 | | 48 | | 54 | | 72 | | 84 | | 90 | | 108 | | 120 | | 138 | | 180 | | 210 | | | | | | | | | | |
|---------------------|------|-----------|---|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----|--|-----|--|-----|--|-----|--|-----|--|-----|--|--|--|--|--|--|--|--|--|--|
| | | Q (l/min) | 0 | 100 | 150 | 250 | 300 | 400 | 450 | 600 | 700 | 800 | 900 | 1200 | 1400 | 1500 | 1800 | 2000 | 2300 | 3000 | 3500 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| XST40-250/92 - 400v | 9.2 | 64 | | | | 59 | 65.5 | 55 | 49.5 | 45 | 39.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| XST40-250/92 | 9.2 | 64 | | | | 59 | 56.5 | 55 | 49.5 | 45 | 39.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| XST40-250/110 | 11 | 72 | | | | 67.5 | 65 | 63.5 | 57.5 | 52.2 | 47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| XST40-250/150 | 15 | 82 | | | | 79 | 77.3 | 76.5 | 71 | 66 | 60.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| XST50-200/92 | 9.2 | 50.5 | | | | | | | | | | 46.8 | 45 | 43 | 40.9 | 32.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| XST50-200/110 | 11 | 57.5 | | | | | | | | | | 53.5 | 52 | 50 | 47.5 | 40 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| XST50-250/150 | 15 | 68.5 | | | | | | | | | | 64 | 63 | 61.5 | 59 | 50 | 41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| XST50-250/185 | 18.5 | 77 | | | | | | | | | | 73.2 | 72 | 70 | 68 | 60.5 | 51.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| XST50-250/220 | 22 | 86.3 | | | | | | | | | | 83 | 81.5 | 80 | 78 | 70 | 61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| XST65-160/92 | 9.2 | 33 | | | | | | | | | | | | | | | | 31.5 | 30 | 28 | 27.1 | 24 | 21.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| XST65-160/110 | 11 | 36 | | | | | | | | | | | | | | | | 34.5 | 33 | 31.5 | 30.8 | 28 | 25.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| XST65-160/150 | 15 | 42 | | | | | | | | | | | | | | | | 41 | 40 | 38.5 | 37.8 | 35 | 33 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| XST65-200/150 | 15 | 45.5 | | | | | | | | | | | | | | | | 46 | 43.5 | 41 | 39.2 | 33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| XST65-200/185 | 18.5 | 53 | | | | | | | | | | | | | | | | 53.5 | 51.2 | 48.3 | 47 | 41.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| XST65-200/220 | 22 | 59 | | | | | | | | | | | | | | | | 59.5 | 57.2 | 54 | 53 | 47 | 43.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| XST65-200K/185 | 18.5 | 41.2 | | | | | | | | | | | | | | | | | 42 | 41.2 | 40.6 | 38.2 | 36.5 | 34 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| XST65-200K/220 | 22 | 48 | | | | | | | | | | | | | | | | | | 48 | 47.5 | 46 | 44 | 41 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| XST65-200K/300 | 30 | 59.5 | | | | | | | | | | | | | | | | 61.4 | 60 | 59 | 58.5 | 58 | 56.2 | 54 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| XST65-250/220 | 22 | 62 | | | | | | | | | | | | | | | | 61.5 | 58.2 | 56.5 | 54 | 49 | 45 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| XST65-250/300 | 30 | 76 | | | | | | | | | | | | | | | | 75 | 73 | 70 | 69 | 64 | 61 | 54 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| XST65-250/370 | 37 | 90 | | | | | | | | | | | | | | | | 88 | 86 | 84 | 82 | 78 | 74 | 68 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| XST80-160/110 | 11 | 27 | | | | | | | | | | | | | | | | | | | | | | 27.3 | 26 | 24.5 | 22.5 | 16 | | | | | | | | | | | | | | | | | | | | | | |
| XST80-160/150 | 15 | 32.8 | | | | | | | | | | | | | | | | | | | | | | 32.5 | 31.3 | 30.2 | 28 | 22.1 | 16.7 | | | | | | | | | | | | | | | | | | | | | |
| XST80-160/185 | 18.5 | 39 | | | | | | | | | | | | | | | | | | | | | | 38 | 36.8 | 35.7 | 33.8 | 28.8 | 23.5 | | | | | | | | | | | | | | | | | | | | | |
| XST80-200/220 | 22 | 48 | | | | | | | | | | | | | | | | | | | | | | 47.5 | 46 | 43.5 | 41 | 32.5 | | | | | | | | | | | | | | | | | | | | | | |
| XST80-200/300 | 30 | 60 | | | | | | | | | | | | | | | | | | | | | | 59.5 | 58 | 57 | 54.5 | 47 | | | | | | | | | | | | | | | | | | | | | | |
| XST80-250/370 | 37 | 71.5 | | | | | | | | | | | | | | | | | | | | | | 70.5 | 67.5 | 65.5 | 61.5 | 49.5 | 38 | | | | | | | | | | | | | | | | | | | | | |
| XST80-250/450 | 45 | 82 | | | | | | | | | | | | | | | | | | | | | | 80.5 | 78.5 | 76.5 | 72 | 62 | 51 | | | | | | | | | | | | | | | | | | | | | |
| XST80-250/550 | 55 | 95 | | | | | | | | | | | | | | | | | | | | | | 93.5 | 91.2 | 89.8 | 86.8 | 77.6 | 68.3 | | | | | | | | | | | | | | | | | | | | | |

XST40-250 ~2900rpm ISO 9906 Annex A

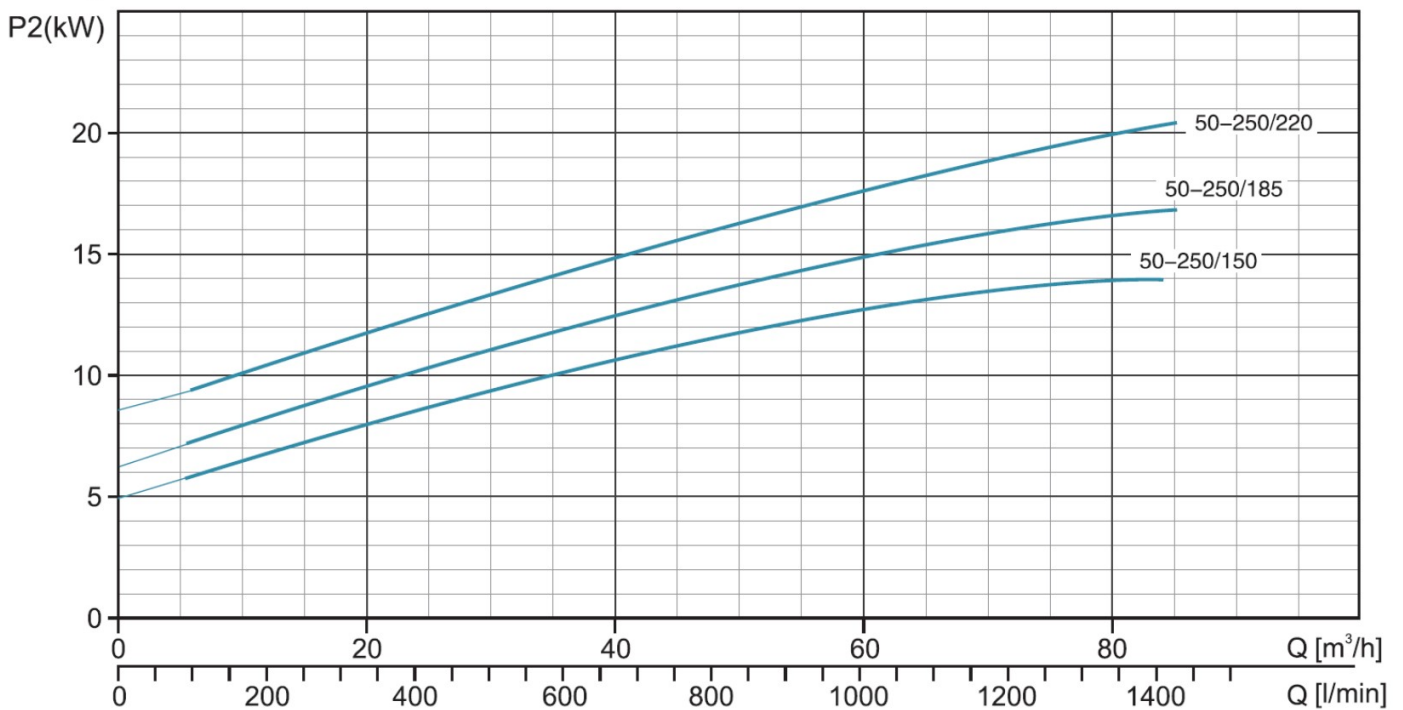
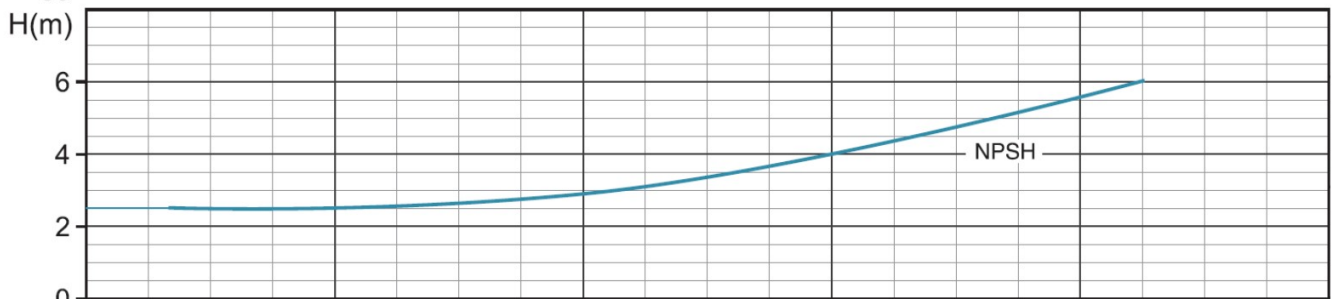
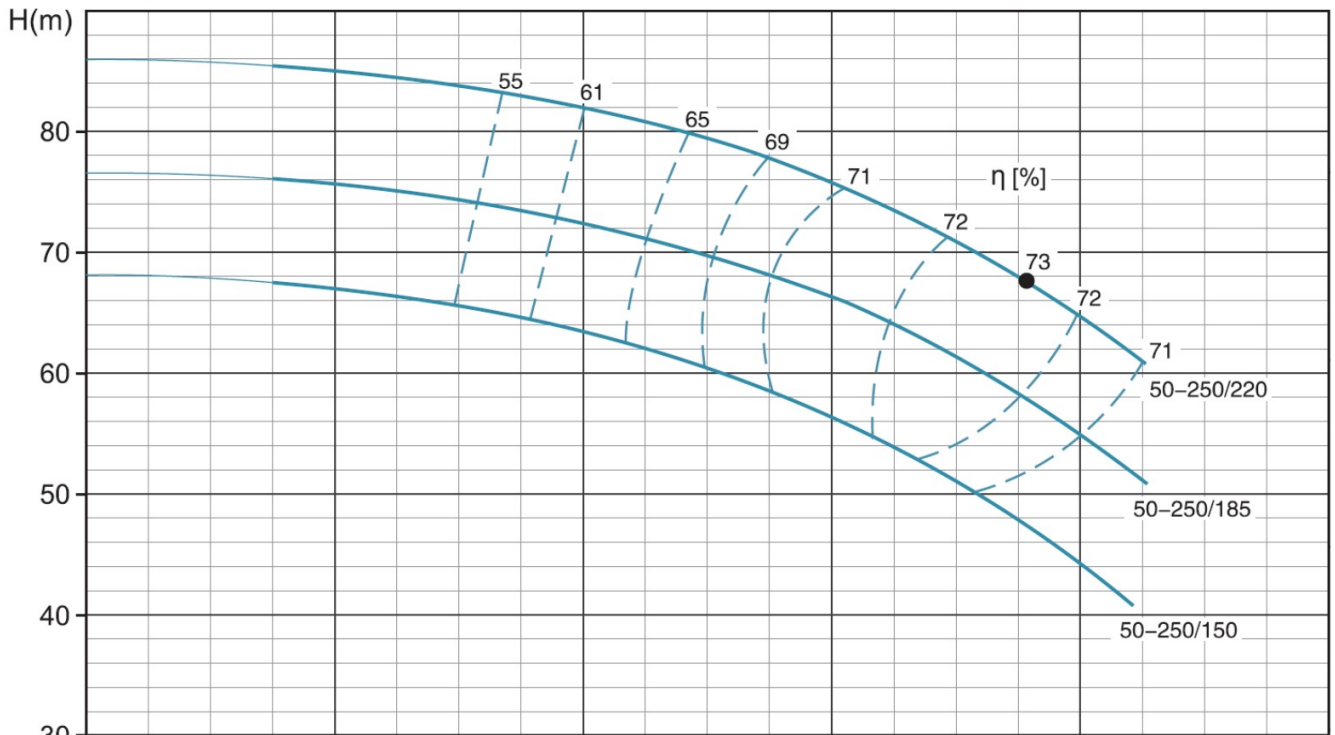


XST50-200 **~2900rpm** **ISO 9906 Annex A**

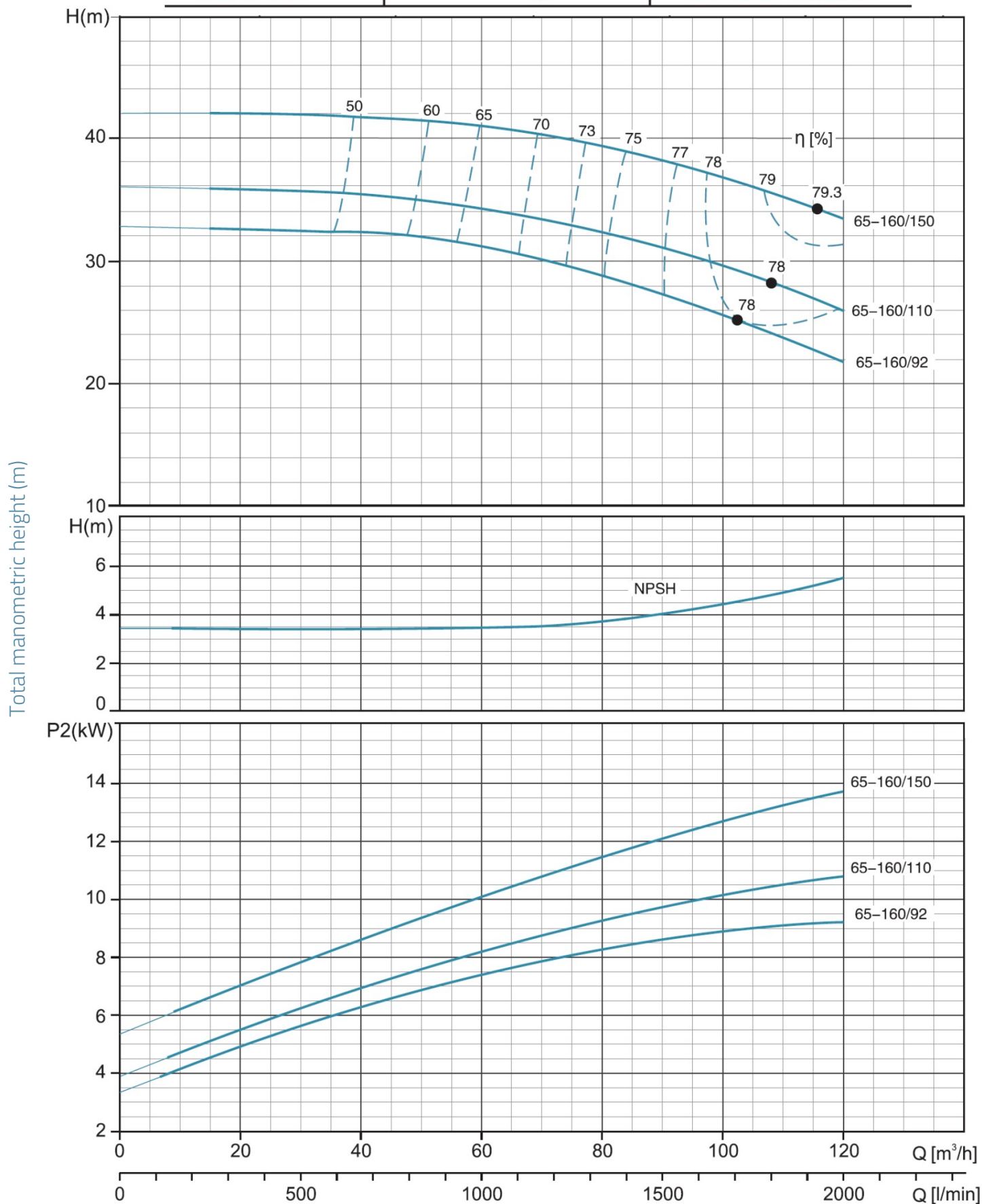


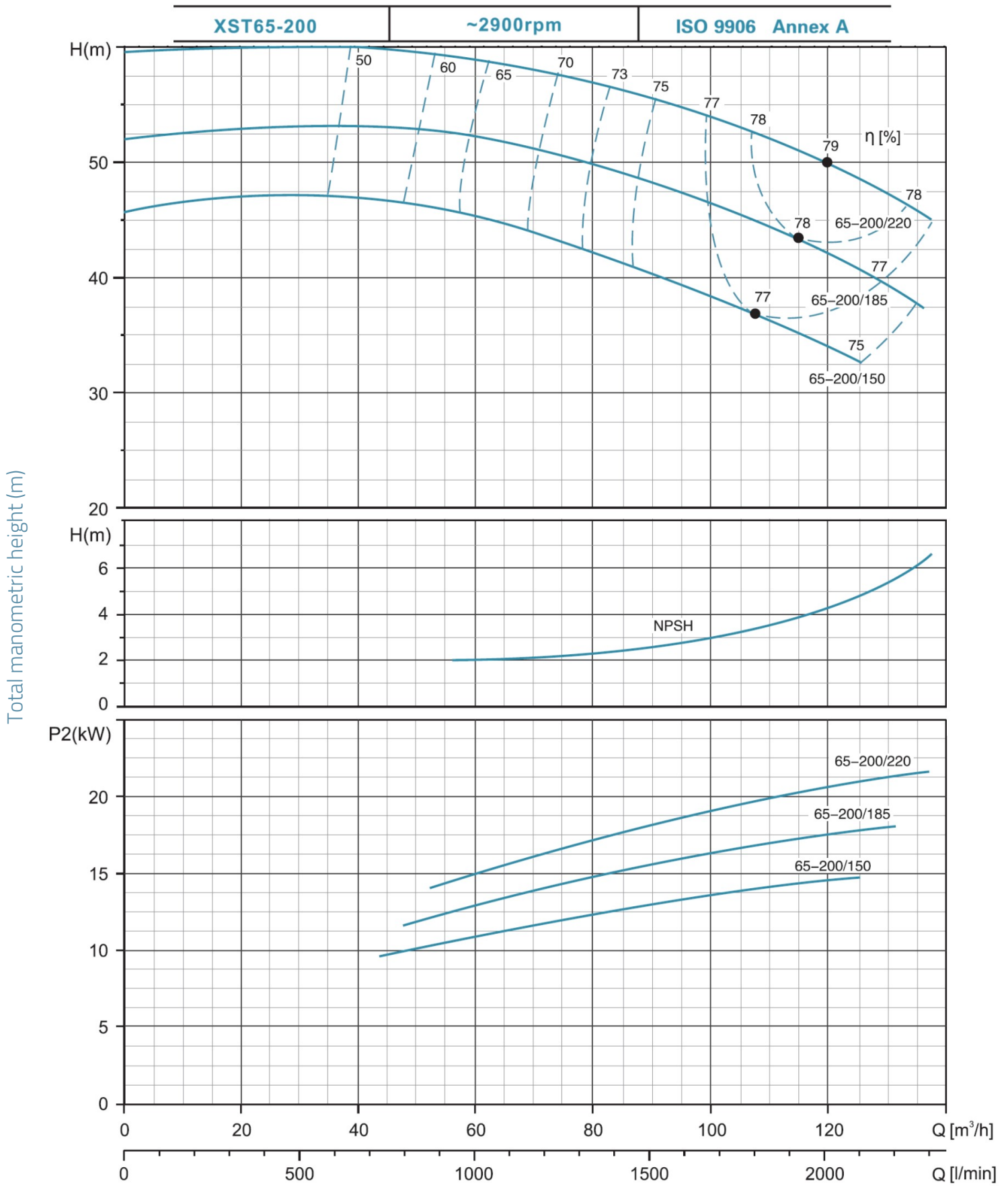
| | | |
|-----------|----------|------------------|
| XST50-250 | ~2900rpm | ISO 9906 Annex A |
|-----------|----------|------------------|

Total manometric height (m)



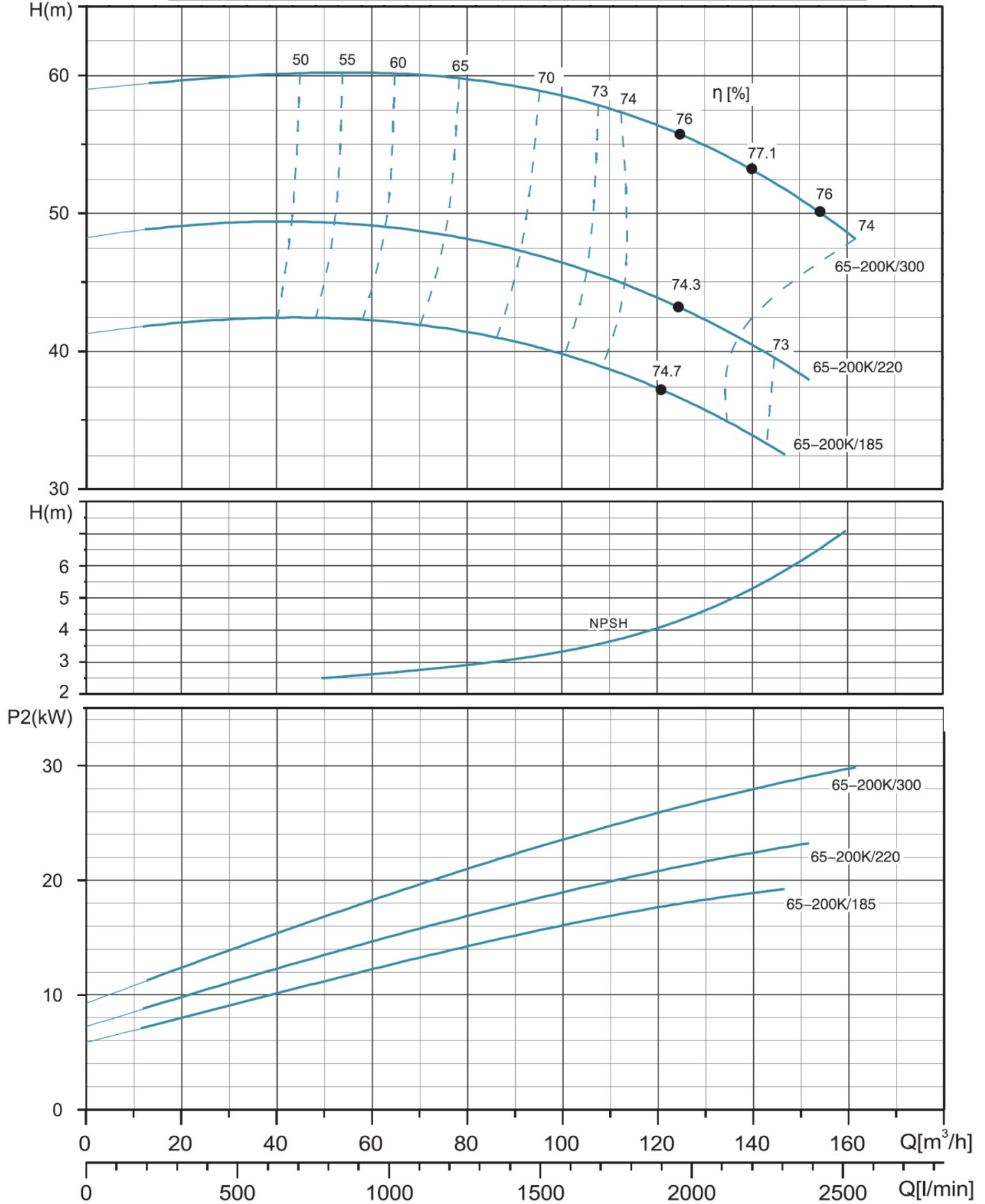
XST65-160 **~2900rpm** **ISO 9906 Annex A**

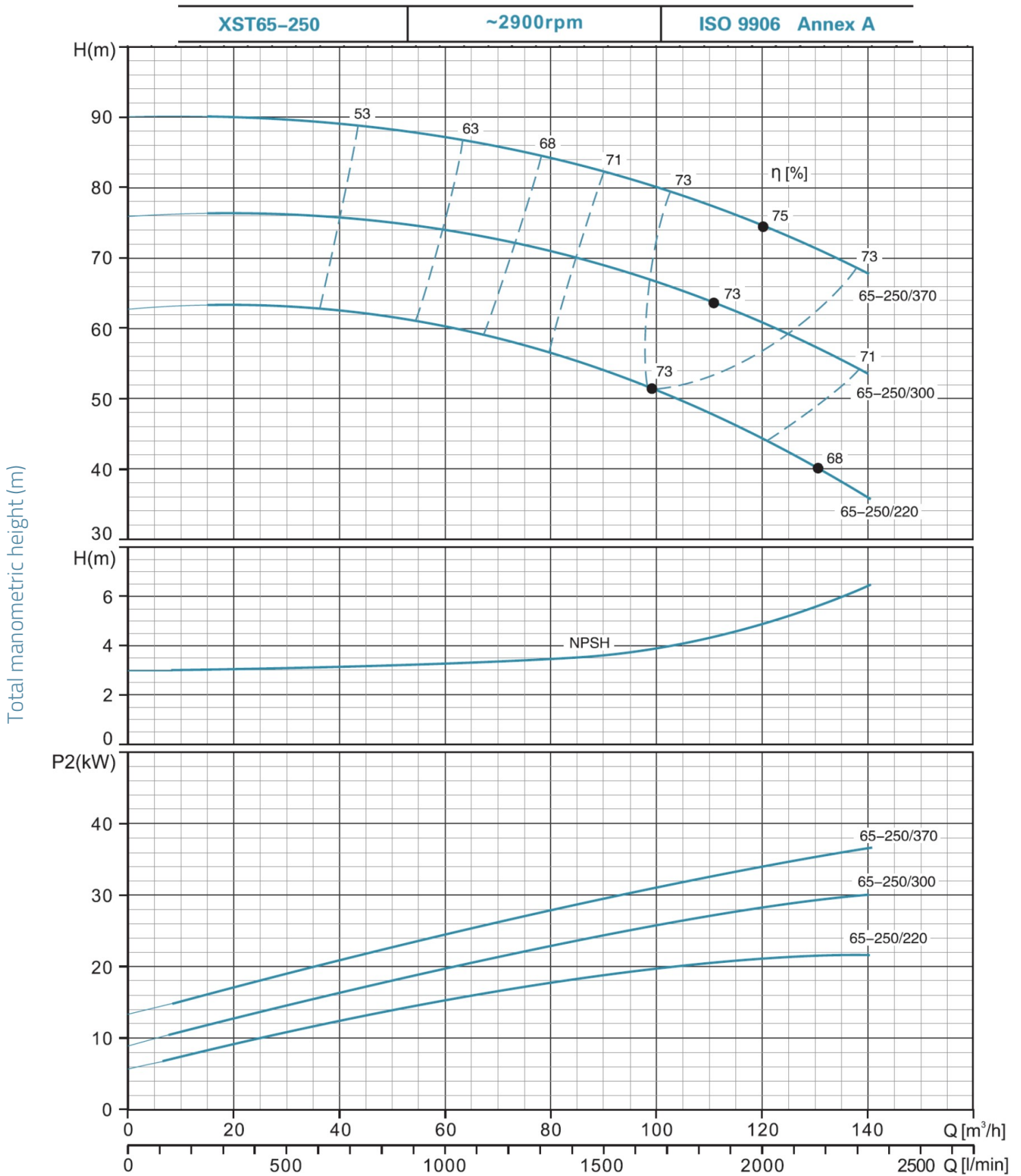




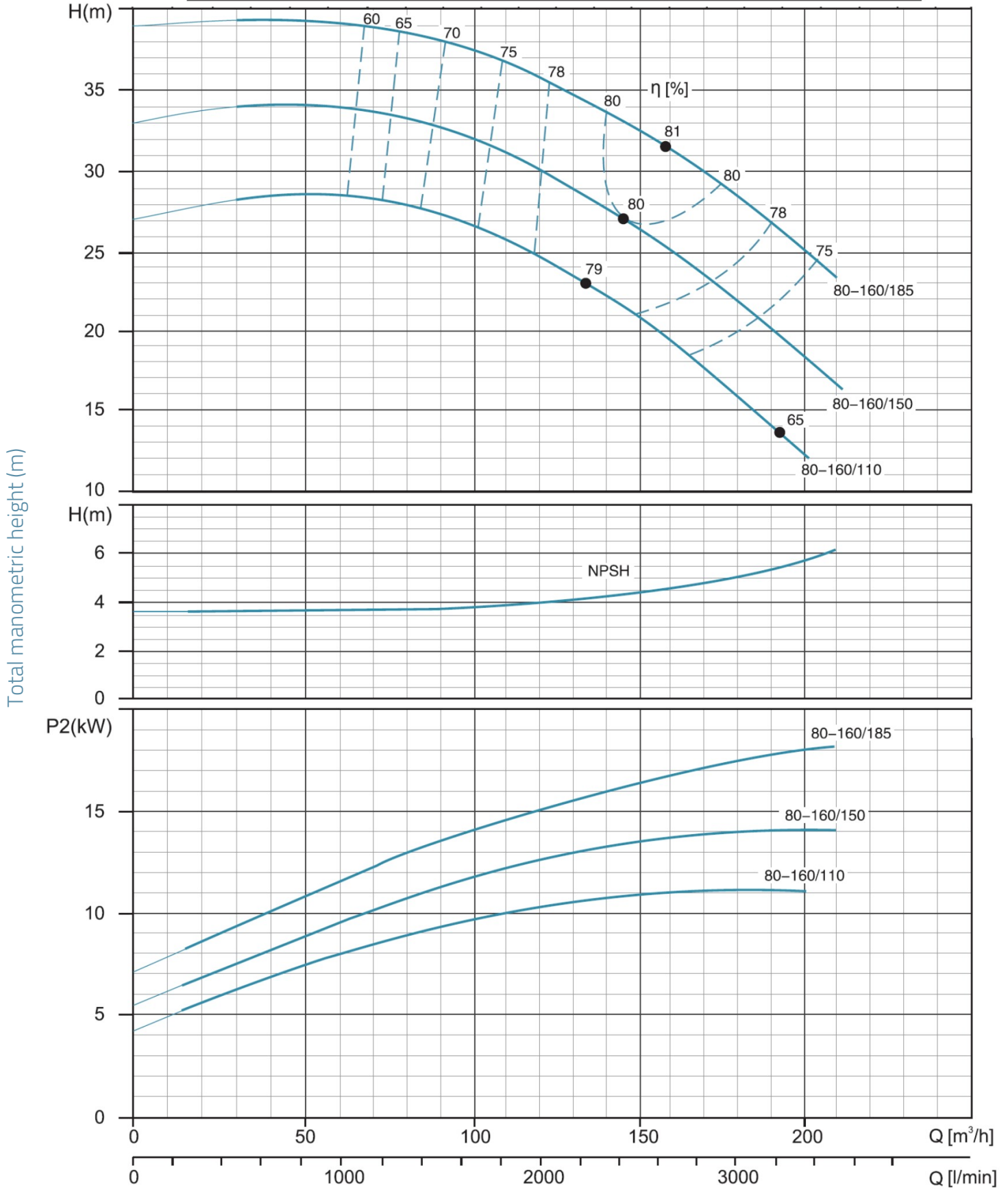
XST65-200K ~2900rpm ISO 9906 Annex A

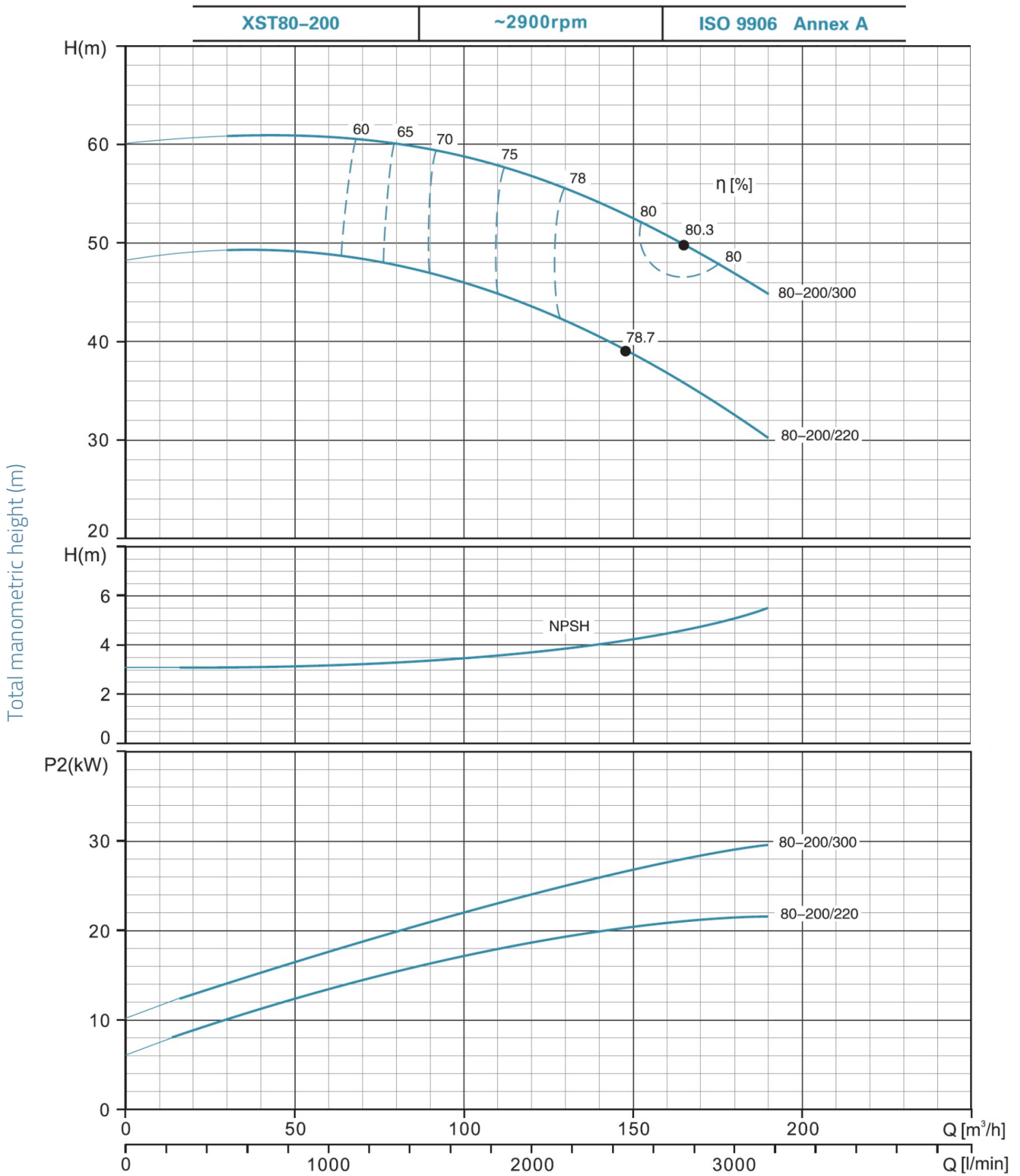
Total manometric height (m)



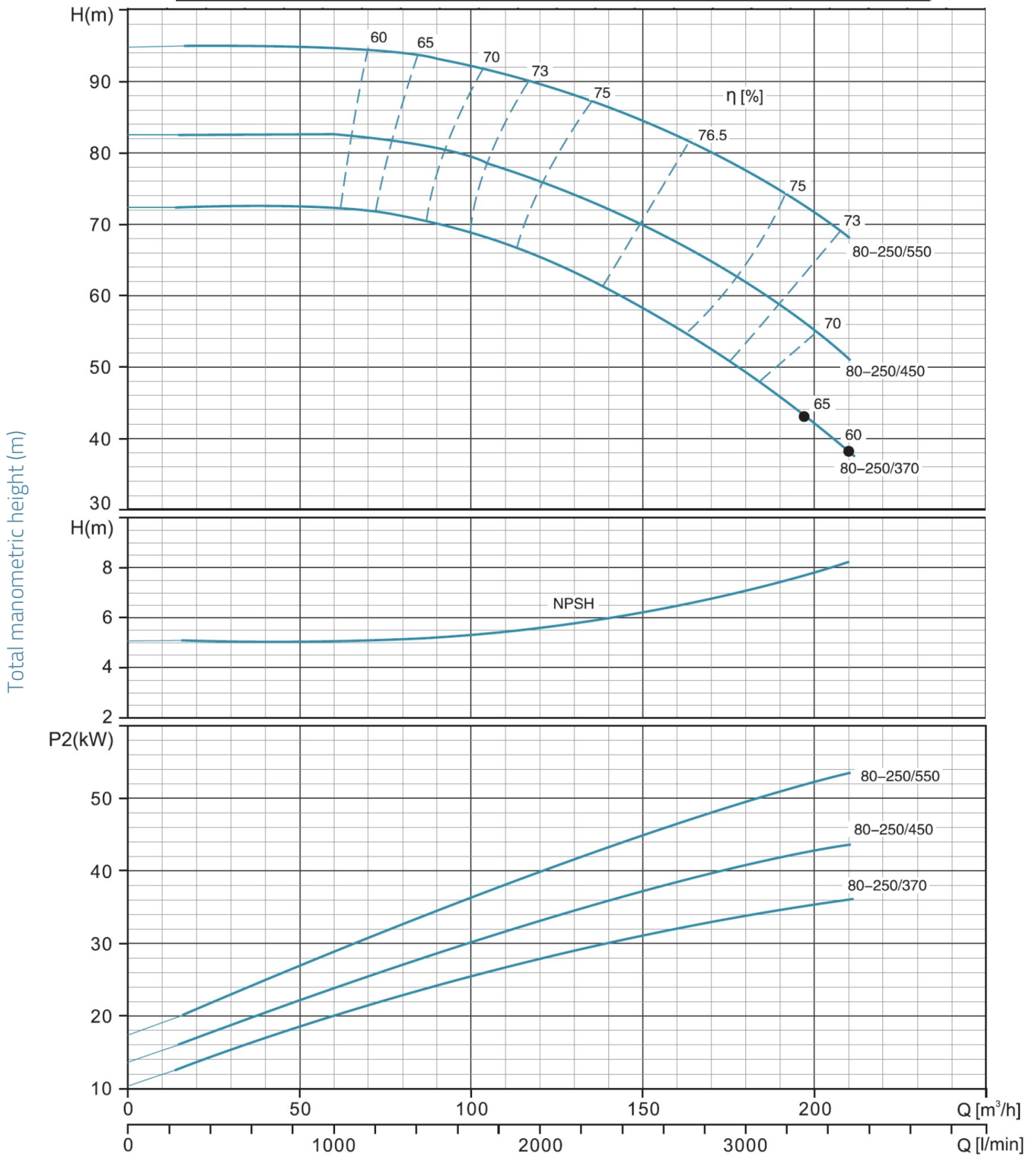


XST80-160 ~2900rpm ISO 9906 Annex A

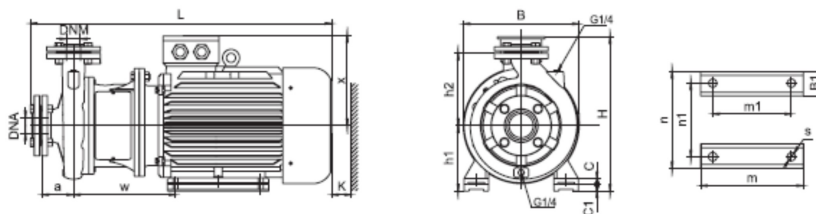




XST80-250 ~2900rpm ISO 9906 Annex A



Dimensions



| MODEL | DNM | DNA | a | w | x | h2 | B1 | C | C1 | h1 | m | m1 | n | n1 | s | B | H | L | K |
|---------------------|-----|-----|-----|-----|-----|-----|----|----|----|-----|-----|-----|-----|-----|------|-----|-----|------|-----|
| XST40-250/92 - 400v | 40 | 65 | 100 | 310 | 260 | 225 | 65 | 20 | 20 | 180 | 260 | 210 | 320 | 254 | 14.5 | 350 | 440 | 845 | 110 |
| XST40-250/92 | 40 | 65 | 100 | 310 | 260 | 225 | 65 | 20 | 20 | 180 | 260 | 210 | 320 | 254 | 14.5 | 350 | 440 | 845 | 110 |
| XST40-250/110 | 40 | 65 | 100 | 310 | 260 | 225 | 65 | 20 | 20 | 180 | 260 | 210 | 320 | 254 | 14.5 | 350 | 440 | 845 | 110 |
| XST40-250/150 | 40 | 65 | 100 | 310 | 260 | 225 | 65 | 20 | 20 | 180 | 260 | 210 | 320 | 254 | 14.5 | 350 | 440 | 845 | 110 |
| XST50-200/92 | 50 | 65 | 100 | 310 | 260 | 200 | 65 | 20 | | 160 | 260 | 210 | 320 | 254 | 14.5 | 350 | 420 | 845 | 120 |
| XST50-200/110 | 50 | 65 | 100 | 310 | 260 | 200 | 65 | 20 | | 160 | 260 | 210 | 320 | 254 | 14.5 | 350 | 420 | 845 | 120 |
| XST50-250/150 | 50 | 65 | 100 | 310 | 260 | 225 | 65 | 20 | 20 | 180 | 260 | 210 | 320 | 254 | 14.5 | 350 | 440 | 845 | 110 |
| XST50-250/185 | 50 | 65 | 100 | 310 | 260 | 225 | 65 | 20 | 20 | 180 | 304 | 254 | 320 | 254 | 14.5 | 350 | 440 | 895 | 110 |
| XST50-250/220 | 50 | 65 | 100 | 323 | 275 | 225 | 70 | 25 | | 180 | 311 | 241 | 355 | 279 | 14.5 | 350 | 455 | 925 | 110 |
| XST65-160/92 | 65 | 80 | 100 | 310 | 260 | 200 | 65 | 20 | | 160 | 260 | 210 | 320 | 254 | 14.5 | 350 | 420 | 845 | 125 |
| XST65-160/110 | 65 | 80 | 100 | 310 | 260 | 200 | 65 | 20 | | 160 | 260 | 210 | 320 | 254 | 14.5 | 350 | 420 | 845 | 125 |
| XST65-160/150 | 65 | 80 | 100 | 310 | 260 | 200 | 65 | 20 | | 160 | 260 | 210 | 320 | 254 | 14.5 | 350 | 420 | 845 | 125 |
| XST65-200/150 | 65 | 80 | 100 | 310 | 260 | 225 | 65 | 20 | 20 | 180 | 260 | 210 | 320 | 254 | 14.5 | 350 | 440 | 845 | 125 |
| XST65-200/185 | 65 | 80 | 100 | 310 | 260 | 225 | 65 | 20 | 20 | 180 | 304 | 254 | 320 | 254 | 14.5 | 350 | 440 | 895 | 125 |
| XST65-200/220 | 65 | 80 | 100 | 323 | 275 | 225 | 70 | 22 | | 180 | 311 | 241 | 355 | 279 | 14.5 | 355 | 455 | 925 | 125 |
| XST65-200K/185 | 65 | 80 | 100 | 337 | 260 | 225 | 65 | 20 | 20 | 180 | 304 | 254 | 320 | 254 | 14.5 | 355 | 440 | 920 | 125 |
| XST65-200K/220 | 65 | 80 | 100 | 350 | 275 | 233 | 70 | 22 | | 180 | 311 | 241 | 355 | 279 | 14.5 | 355 | 455 | 950 | 125 |
| XST65-200K/300 | 65 | 80 | 100 | 362 | 305 | 225 | 70 | 25 | | 180 | 369 | 305 | 395 | 318 | 18.5 | 355 | 505 | 1020 | 125 |
| XST65-250/220 | 65 | 80 | 100 | 353 | 275 | 250 | 70 | 22 | | 180 | 311 | 241 | 355 | 279 | 14.5 | 355 | 455 | 956 | 125 |
| XST65-250/300 | 65 | 80 | 100 | 365 | 305 | 250 | 70 | 25 | | 200 | 369 | 305 | 395 | 318 | 18.5 | 400 | 505 | 1026 | 125 |
| XST65-250/370 | 65 | 80 | 100 | 365 | 305 | 250 | 70 | 25 | | 200 | 369 | 305 | 395 | 318 | 18.5 | 400 | 505 | 1026 | 125 |
| XST80-160/110 | 80 | 100 | 125 | 315 | 260 | 225 | 65 | 20 | | 160 | 260 | 210 | 320 | 254 | 14.5 | 350 | 420 | 870 | 130 |
| XST80-160/150 | 80 | 100 | 125 | 315 | 260 | 225 | 65 | 20 | | 160 | 260 | 210 | 320 | 254 | 14.5 | 350 | 420 | 870 | 130 |
| XST80-160/185 | 80 | 100 | 125 | 315 | 260 | 225 | 65 | 20 | | 160 | 304 | 254 | 320 | 254 | 14.5 | 350 | 420 | 926 | 130 |
| XST80-200/220 | 80 | 100 | 125 | 352 | 275 | 250 | 70 | 22 | | 180 | 311 | 241 | 355 | 279 | 14.5 | 355 | 461 | 978 | 130 |
| XST80-200/300 | 80 | 100 | 125 | 365 | 305 | 250 | 70 | 25 | | 200 | 369 | 305 | 395 | 318 | 18.5 | 400 | 505 | 1050 | 130 |
| XST80-250/370 | 80 | 100 | 125 | 365 | 305 | 280 | 70 | 25 | | 200 | 369 | 305 | 395 | 318 | 18.5 | 400 | 508 | 1050 | 130 |
| XST80-250/450 | 80 | 100 | 125 | 381 | 330 | 280 | 75 | 28 | | 225 | 404 | 311 | 435 | 356 | 18.5 | 450 | 555 | 1098 | 120 |
| XST80-250/550 | 80 | 100 | 125 | 433 | 365 | 280 | 80 | 30 | 30 | 280 | 450 | 349 | 490 | 406 | 24 | 550 | 646 | 1192 | 120 |

Exploded view

| No. | Type | Materials |
|-----|-----------------------------|--|
| 1 | Backing flange | cast iron HT200 |
| 2 | Pump body | cast iron HT200 |
| 3 | O-ring | nitrile rubber (NBR) |
| 4 | Impeller | stainless steel AISI 304 / cast iron HT200 |
| 5 | Mechanical seal | silicon carbide / graphite |
| 6 | Coupling protection housing | austenitic stainless steel |
| 7 | Pump bottom | cast iron HT200 |
| 8 | Coupling sleeve | austenitic stainless steel |
| 9 | Engine | |

