PIANELLI.fr
LA MAÎTRISE DE L'EAU DEPUIS 1948

Pompes immergées 4"

# HP-ST

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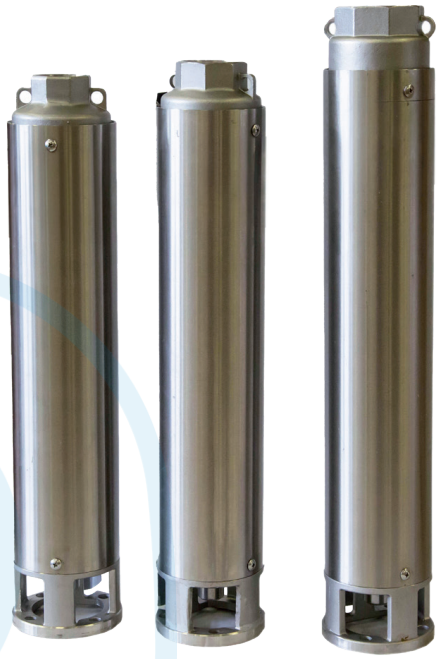
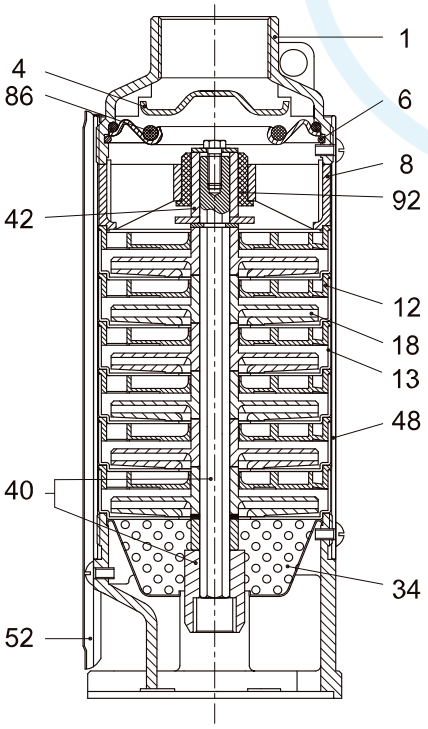
# Pompes de forage 4" avec turbines en Noryl.



La série HP-ST est une pompe 4” robuste, conçue pour une longue durée de vie et une bonne résistance au sable. Elle est principalement fabriquée en acier inoxydable, avec une tête de refoulement moulée, un support moulé et une turbine flottante spéciale. Sa conception vise à améliorer la résistance à l’usure et à maintenir les performances dans le temps.

Elle offre un large éventail d’applications : systèmes d’irrigation, surpression, alimentation en eau et fontaines pour puits de 4”. Toutes les pompes HP-ST peuvent être couplées à des moteurs standards 4” NEMA.




| | Nom de la partie | Matériaux |
|---|---|---|
| 1 | Tête de refoulement | Acier inoxydable AISI 304 |
| 4 | Clapet anti-retour | Acier inoxydable AISI 304 |
| 6 | Circlips | Acier inoxydable AISI 304 |
| 8 | Entretoise | Polycarbonate renforcé fibres |
| 12 | Diffuseur | Polycarbonate renforcé fibres |
| 13 | Corps | Acier inoxydable AISI 304 |
| 18 | Turbine | Noryl |
| 34 | Crépine | Acier inoxydable AISI 304 |
| 40 | Arbre de pompe / accouplement | Acier inoxydable AISI 304 |
| 42 | Chemise d’arbre | AISI 304 ou Noryl |
| 48 | Enveloppe de pompe | Acier inoxydable AISI 304 |
| 52 | Baguette de protection | Acier inoxydable AISI 304 |
| 86 | Joint torique | NBR |
| 92 | Roulement | Polyacétal |

# Pompes centrifuges multicellulaires de forage pour puits de 4"

Pompes centrifuges multicellulaires de forage pour puits de 4"

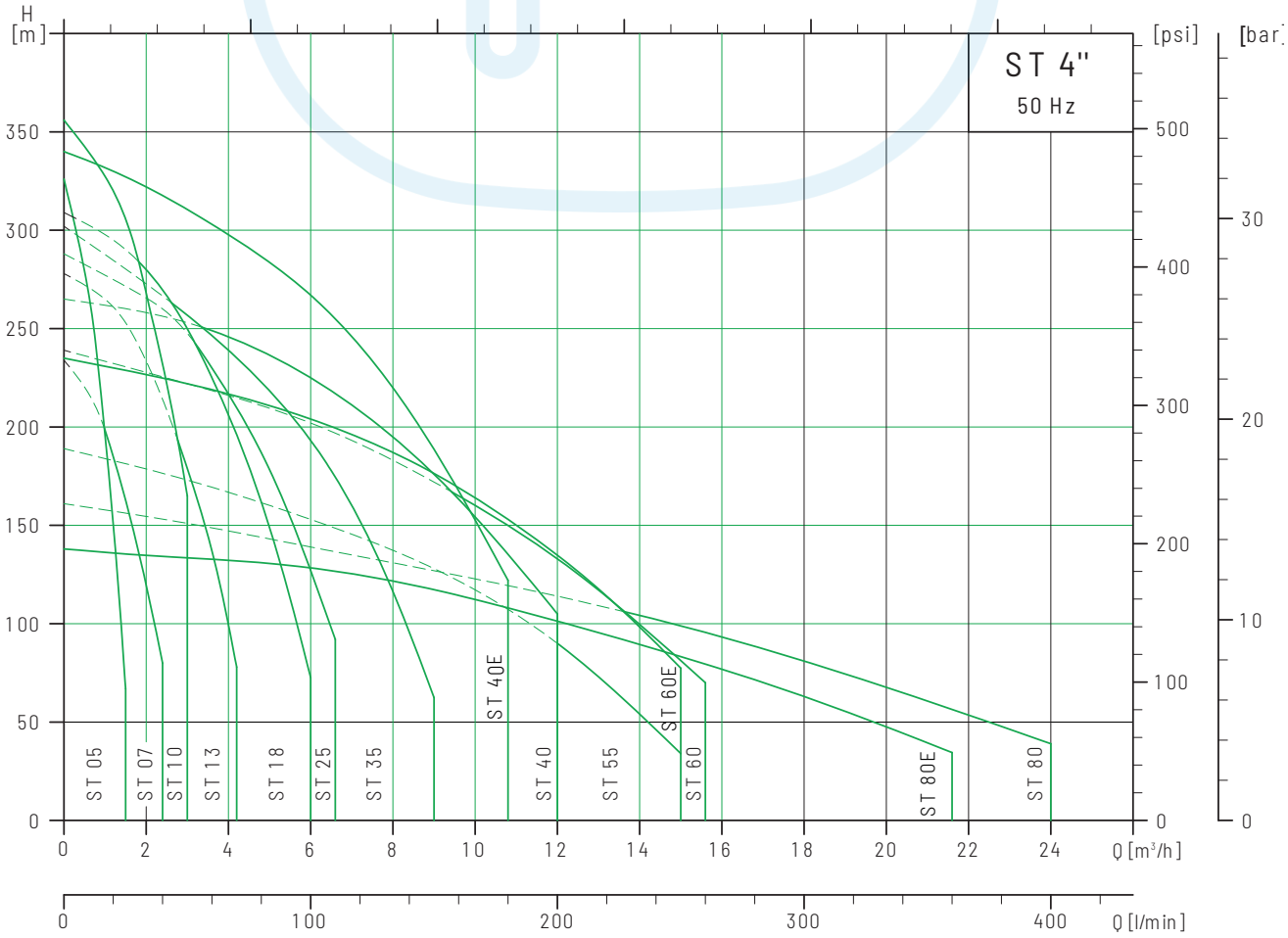
**APPLICATIONS :**
- Stations et systèmes de traitement d'eau pour usage résidentiel et industriel
- Fonctionnement en continu ou par intermittence
- Systèmes de pressurisation
- Installations d'irrigation

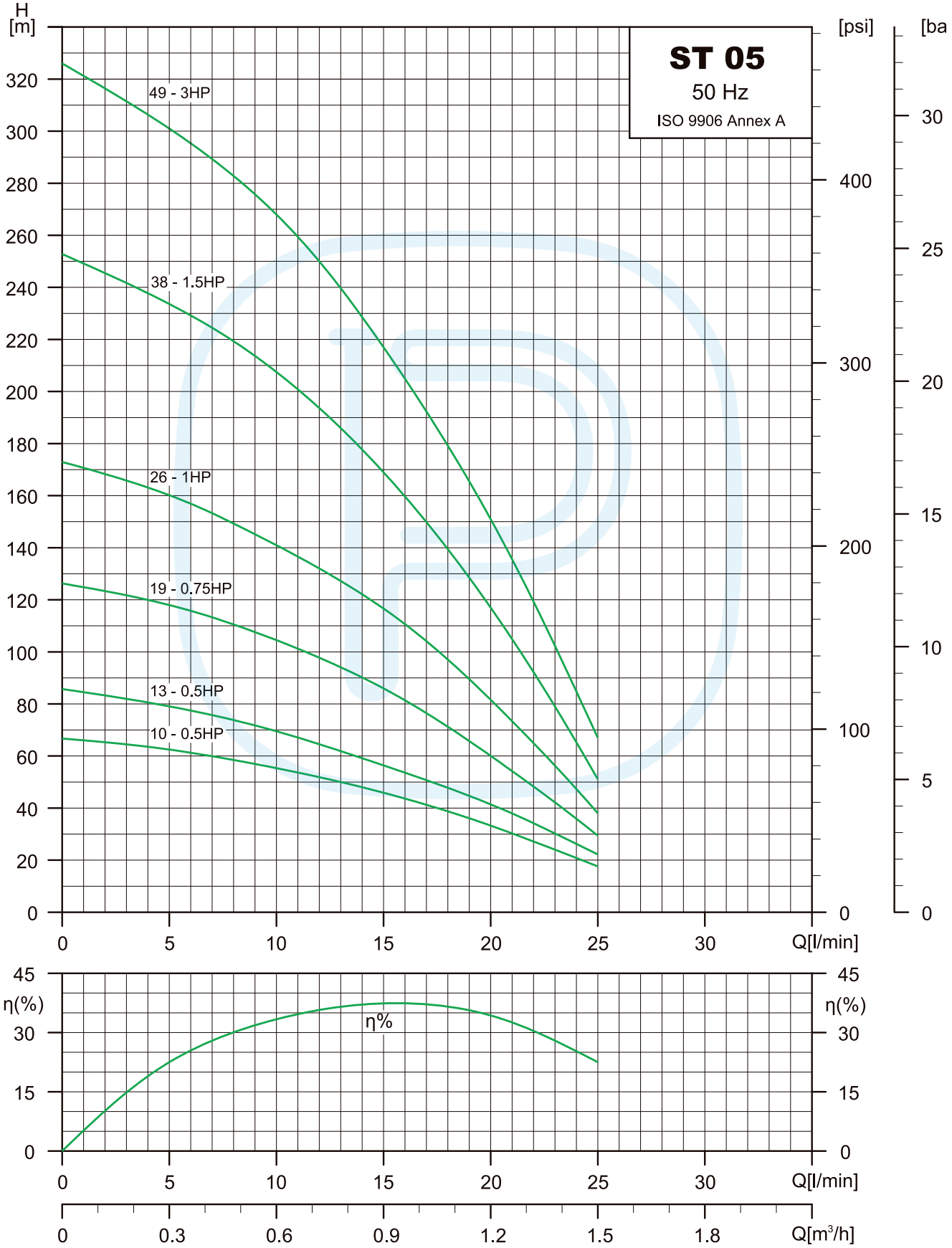
**MATÉRIAUX :**

| | |
|---|---|
| Enveloppe extérieure | AISI 304 |
| Turbines | Noryl |
| Arbre de pompe | AISI 304 |
| Tête de refoulement | AISI 304 |
| Accouplement moteur | AISI 304 |
| Clapet anti-retour | AISI 304 |

**CARACTÉRISTIQUES TECHNIQUES :**

| | |
|---|---|
| Hauteur manométrique maximale | 356 m |
| Débit maximal | 24 m³/h |
| Température maximale du liquide | 30 °C |
| Teneur maximale admissible en sable | 150 g/m³ |
| Sortie de refoulement | • ST05 à ST18 : 1" 1/4<br>• ST25 : 1" 1/2<br>• ST35 à ST80 : 2" |

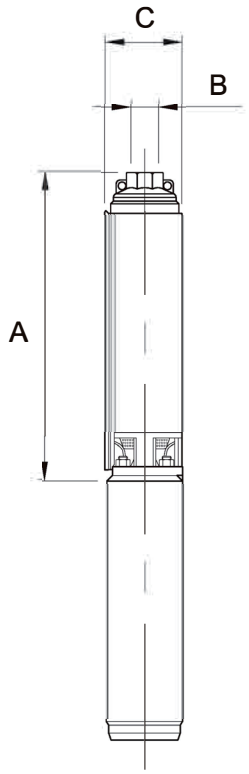


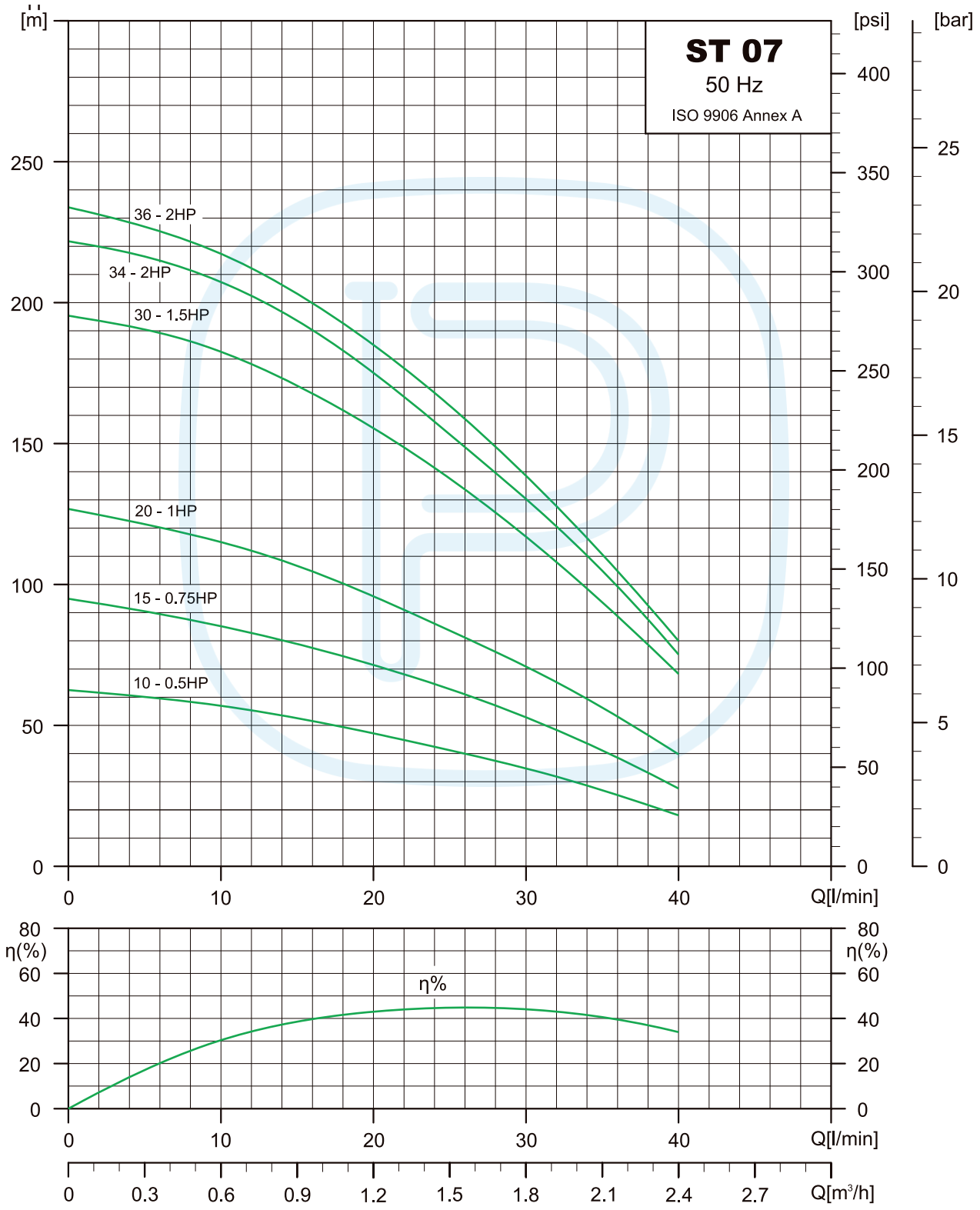

ST 05
50 Hz
ISO 9906 Annex A
H [m]
[psi]
[ba
49 - 3HP
38 - 1.5HP
26 - 1HP
19 - 0.75HP
13 - 0.5HP
10 - 0.5HP
Q[l/min]
η(%)
η%
Q[m³/h]

| Pump Type | Motor | | Q | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | kW | HP | l/min | 0 | 5 | 10 | 15 | 20 | 25 |
| | | | $m^3/h$ | 0 | 0,3 | 0,6 | 0,9 | 1,2 | 1,5 |
| PV ST 05 10 | 0,37 | 0,5 | H (m) | 67 | 63 | 55 | 46 | 33 | 18 |
| PV ST 05 13 | 0,37 | 0,5 | | 86 | 78 | 70 | 56 | 42 | 23 |
| PV ST 05 19 | 0,55 | 0,75 | | 126 | 118 | 105 | 86 | 60 | 30 |
| PV ST 05 26 | 0,75 | 1,0 | | 173 | 160 | 141 | 117 | 81 | 39 |
| ▸ PV ST 05 38 | 1,1 | 1,5 | | 253 | 234 | 208 | 169 | 117 | 52 |
| ▸ PV ST 05 49 | 2,2 | 3,0 | | 326 | 301 | 268 | 219 | 151 | 67 |
| ▸ PV ST 05 52 | 2,2 | 3,0 | | 343 | 320 | 289 | 229 | 152 | 84 |

▸ Sleeve composed of 2 pieces

| Pump Type | Dimensions (mm) | | | Net Weight (kg) | Package | |
|---|---|---|---|---|---|---|
| | A | B | C | | Dim. (cm) | Gross Weight (kg) |
| PV ST 05 10 | 324 | 1" 1/4 | 98 | 3,30 | 39x11x11 | 3,57 |
| PV ST 05 13 | 377 | | 98 | 3,80 | 45x11x11 | 4,00 |
| PV ST 05 19 | 481 | | 98 | 4,70 | 52x11x11 | 5,10 |
| PV ST 05 26 | 642 | | 98 | 5,80 | 69x11x11 | 6,74 |
| PV ST 05 38 | 910 | | 98 | 8,00 | 99x12x12 | 8,80 |
| PV ST 05 49 | 1105 | | 98 | | | |
| PV ST 05 52 | | | | | | |

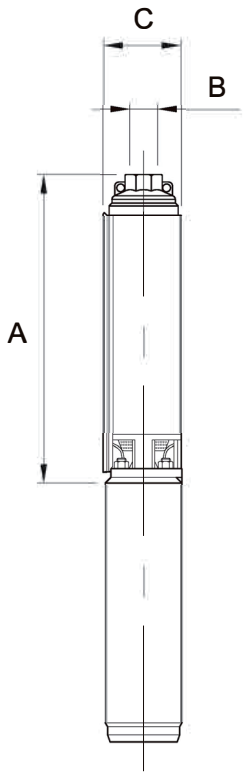


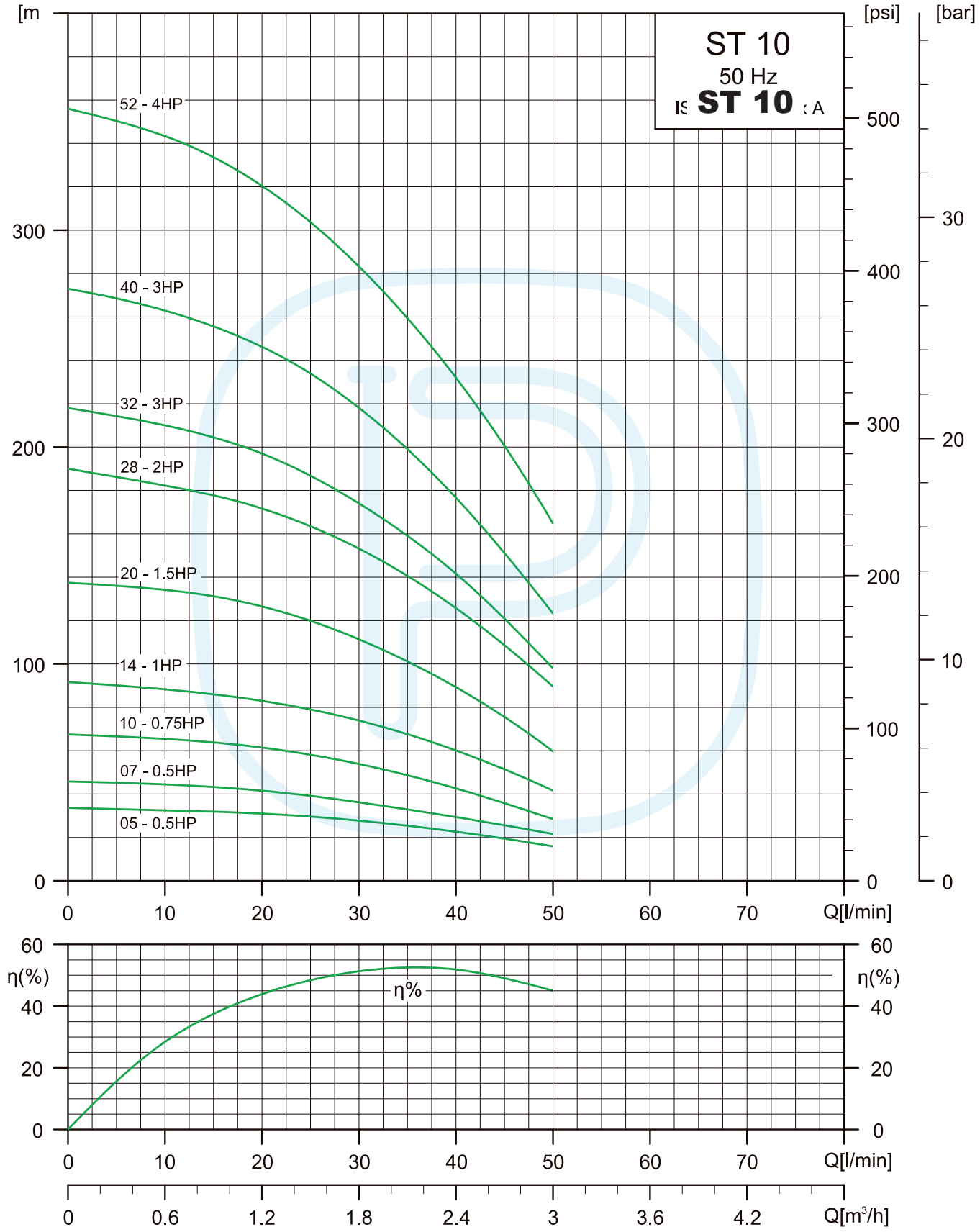

ST 07
50 Hz
ISO 9906 Annex A
[m]
[psi]
[bar]
36 - 2HP
34 - 2HP
30 - 1.5HP
20 - 1HP
15 - 0.75HP
10 - 0.5HP
Q[l/min]
η(%)
η%
Q[m³/h]

| Pump Type | Motor | | Q | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | kW | HP | l/min | 0 | 10 | 15 | 20 | 25 | 30 | 35 | 40 |
| | | | $m^3/h$ | 0 | 0,6 | 0,9 | 1,2 | 1,5 | 1,8 | 2,1 | 2,4 |
| PV ST 07 10 | 0,37 | 0,5 | H (m) | 63 | 57 | 53 | 47 | 42 | 35 | 27 | 18 |
| PV ST 07 15 | 0,55 | 0,75 | | 95 | 86 | 78 | 72 | 63 | 53 | 41 | 28 |
| PV ST 07 20 | 0,75 | 1,0 | | 127 | 115 | 107 | 96 | 84 | 71 | 56 | 40 |
| PV ST 07 30 | 1,1 | 1,5 | | 195 | 183 | 171 | 156 | 138 | 117 | 94 | 69 |
| ▸ PV ST 07 34 | 1,5 | 2,0 | | 222 | 207 | 194 | 175 | 154 | 130 | 104 | 76 |
| ▸ PV ST 07 36 | 1,5 | 2,0 | | 234 | 217 | 203 | 185 | 164 | 138 | 110 | 80 |

▸ Sleeve composed of 2 pieces

| Pump Type | Dimensions (mm) | | | Net Weight (kg) | Package | |
|---|---|---|---|---|---|---|
| | A | B | C | | Dim. (cm) | Gross Weight (kg) |
| PV ST 07 10 | 330 | 1" 1/4 | 98 | 3,30 | 45x11x11 | 3,57 |
| PV ST 07 15 | 420 | | 98 | 4,12 | 52x11x11 | 4,50 |
| PV ST 07 20 | 510 | | 98 | 4,98 | 58x11x11 | 5,33 |
| PV ST 07 30 | 730 | | 98 | 7,08 | 84x12x12 | 7,80 |
| PV ST 07 34 | 858 | | 98 | 7,50 | 95x12x12 | 8,88 |
| PV ST 07 36 | 895 | | 98 | 8,42 | 99x12x12 | 9,22 |

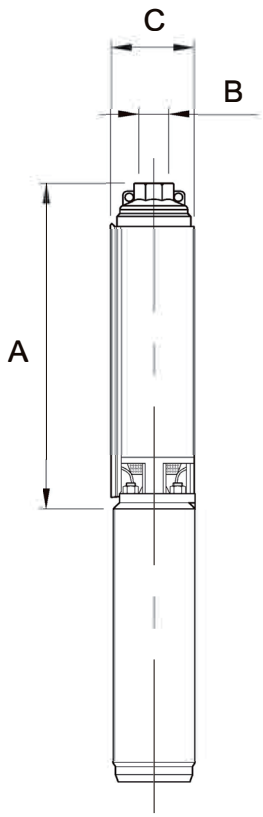


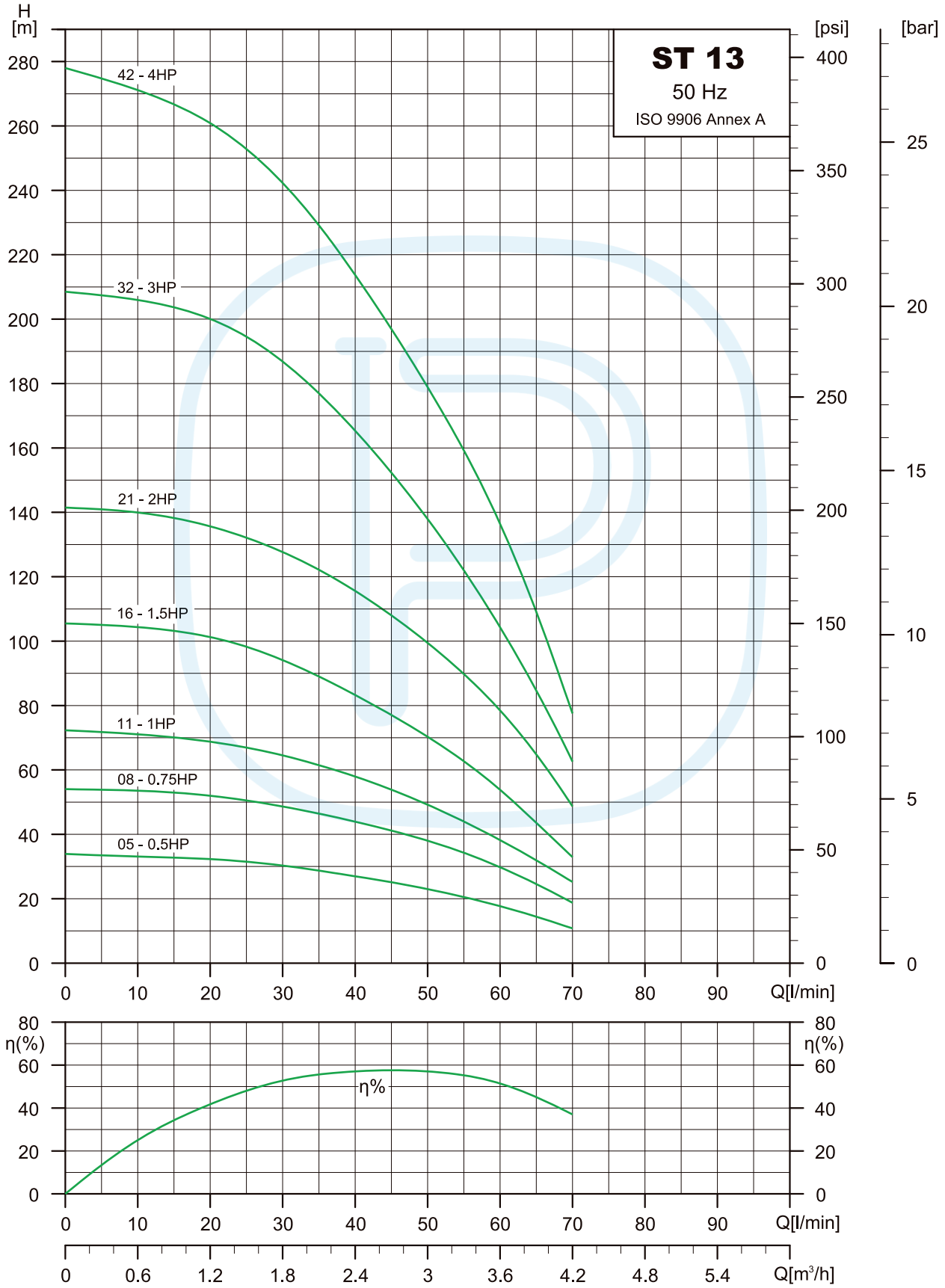

ST 10
50 Hz
ST 10
[m
[psi]
[bar]
52 - 4HP
40 - 3HP
32 - 3HP
28 - 2HP
20 - 1.5HP
14 - 1HP
10 - 0.75HP
07 - 0.5HP
05 - 0.5HP
300
200
100
0
500
400
300
200
100
0
30
20
10
0
0
10
20
30
40
50
60
70
Q[l/min]
60
η(%)
40
20
0
η%
0
0.6
1.2
1.8
2.4
3
3.6
4.2
Q[m³/h]

| Pump Type | Motor | | Q | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | kW | HP | l/min | 0 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 |
| | | | $m^3/h$ | 0 | 0,9 | 1,2 | 1,5 | 1,8 | 2,1 | 2,4 | 2,7 | 3,0 |
| PV ST 10 05 | 0,37 | 0,5 | | 34 | 32 | 31 | 29 | 27 | 25 | 23 | 19 | 16 |
| PV ST 10 07 | 0,37 | 0,5 | | 46 | 43 | 42 | 39 | 36 | 33 | 29 | 26 | 22 |
| PV ST 10 10 | 0,55 | 0,75 | | 67 | 64 | 61 | 58 | 54 | 49 | 43 | 36 | 28 |
| PV ST 10 14 | 0,75 | 1.0 | | 92 | 86 | 83 | 79 | 74 | 67 | 60 | 52 | 42 |
| PV ST 10 20 | 1,1 | 1,5 | H (m) | 139 | 131 | 127 | 120 | 111 | 101 | 90 | 75 | 60 |
| PV ST 10 26 | 1,5 | 2.0 | | 179 | 165 | 159 | 152 | 144 | 130 | 115 | 98 | 80 |
| PV ST 10 28 | 1,5 | 2.0 | | 190 | 178 | 172 | 163 | 153 | 141 | 126 | 108 | 89 |
| ▸ PV ST 10 32 | 2,2 | 3.0 | | 218 | 205 | 197 | 187 | 174 | 159 | 142 | 121 | 98 |
| ▸ PV ST 10 40 | 2,2 | 3.0 | | 273 | 256 | 246 | 234 | 218 | 199 | 177 | 151 | 123 |
| ▸ PV ST 10 52 | 3.0 | 4.0 | | 356 | 334 | 320 | 304 | 283 | 259 | 232 | 201 | 165 |

▸ Sleeve composed of 2 pieces

| Pump Type | Dimensions (mm) | | | Net Weight (kg) | Package | |
|---|---|---|---|---|---|---|
| | A | B | C | | Dim. (cm) | Gross Weight (kg) |
| PV ST 10 05 | 236 | | 98 | 2,50 | 29x11x11 | 2,70 |
| PV ST 10 07 | 271 | | 98 | 2,80 | 33x11x11 | 3,03 |
| PV ST 10 10 | 324 | | 98 | 3,30 | 39x11x11 | 3,57 |
| PV ST 10 14 | 394 | | 98 | 3,90 | 45x11x11 | 4,20 |
| PV ST 10 20 | 499 | 1" 1/4 | 98 | 4,90 | 56x11x11 | 5,24 |
| PV ST 10 26 | 645 | | 98 | 5,50 | 69x11x11 | 5,98 |
| PV ST 10 28 | 679 | | 98 | 6,50 | 77x11x11 | 6,92 |
| PV ST 10 32 | 787 | | 98 | 7,80 | 87x12x12 | 8,22 |
| PV ST 10 40 | 950 | | 98 | 8,97 | 103x12x12 | 9,77 |
| PV ST 10 52 | 1235 | | 98 | 13,50 | 134x12x12 | 14,50 |

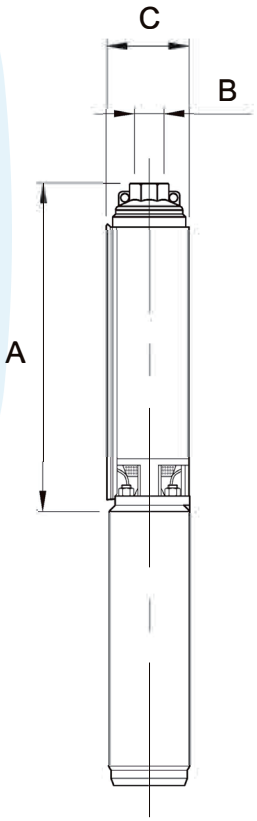


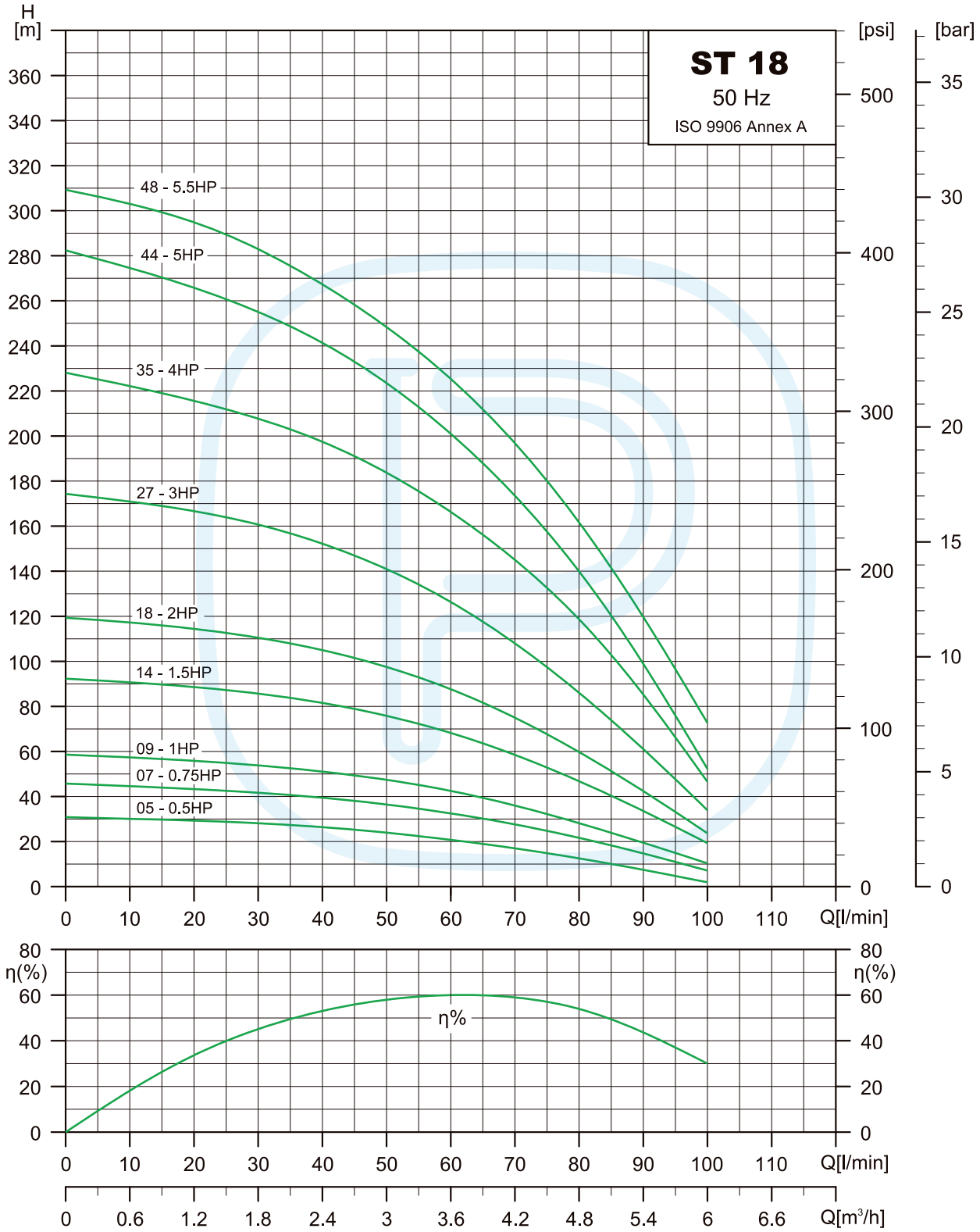

ST 13
50 Hz
ISO 9906 Annex A
H [m]
[psi]
[bar]
42 - 4HP
32 - 3HP
21 - 2HP
16 - 1.5HP
11 - 1HP
08 - 0.75HP
05 - 0.5HP
Q[l/min]
η(%)
η%
Q[m³/h]

| Pump Type | Motor | | Q | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | kW | HP | l/min | 0 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 60 | 70 |
| | | | $m^3/h$ | 0 | 1,2 | 1,5 | 1,8 | 2,1 | 2,4 | 2,7 | 3,0 | 3,6 | 4,2 |
| PV ST 13 05 | 0,37 | 0,5 | H (m) | 34 | 32 | 31 | 30 | 29 | 27 | 25 | 23 | 18 | 11 |
| PV ST 13 08 | 0,55 | 0,75 | | 54 | 51 | 50 | 49 | 46 | 43 | 41 | 38 | 30 | 19 |
| PV ST 13 11 | 0,75 | 1,0 | | 72 | 68 | 66 | 64 | 61 | 58 | 54 | 49 | 38 | 26 |
| PV ST 13 16 | 1,1 | 1,5 | | 106 | 101 | 98 | 95 | 89 | 83 | 77 | 70 | 54 | 33 |
| PV ST 13 21 | 1,5 | 2,0 | | 142 | 135 | 132 | 127 | 122 | 115 | 108 | 100 | 79 | 49 |
| ▸ PV ST 13 32 | 2,2 | 3,0 | | 208 | 200 | 194 | 187 | 177 | 165 | 152 | 138 | 104 | 62 |
| ▸ PV ST 13 42 | 3,0 | 4,0 | | 278 | 261 | 253 | 242 | 229 | 214 | 197 | 179 | 137 | 78 |

▸ Sleeve composed of 2 pieces

| Pump Type | Dimensions (mm) | | | Net Weight (kg) | Package | |
|---|---|---|---|---|---|---|
| | A | B | C | | Dim. (cm) | Gross Weight (kg) |
| PV ST 13 05 | 236 | 1" 1/4 | 98 | 2,50 | 29x11x11 | 2,70 |
| PV ST 13 08 | 289 | | 98 | 2,90 | 33x11x11 | 3,13 |
| PV ST 13 11 | 342 | | 98 | 3,40 | 39x11x11 | 3,60 |
| PV ST 13 16 | 430 | | 98 | 4,20 | 48x11x11 | 4,60 |
| PV ST 13 21 | 519 | | 98 | 5,00 | 56x11x11 | 5,40 |
| PV ST 13 32 | 805 | | 98 | 7,10 | 87x12x12 | 7,82 |
| PV ST 13 42 | 985 | | 98 | 10,70 | 106x12x12 | 11,50 |

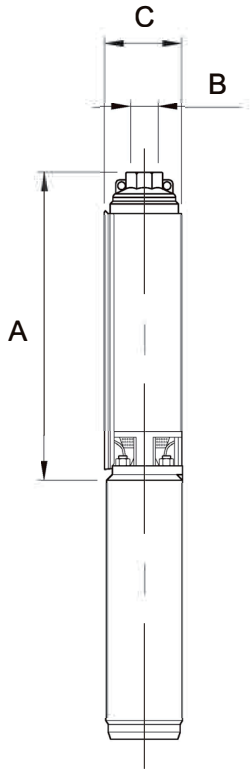


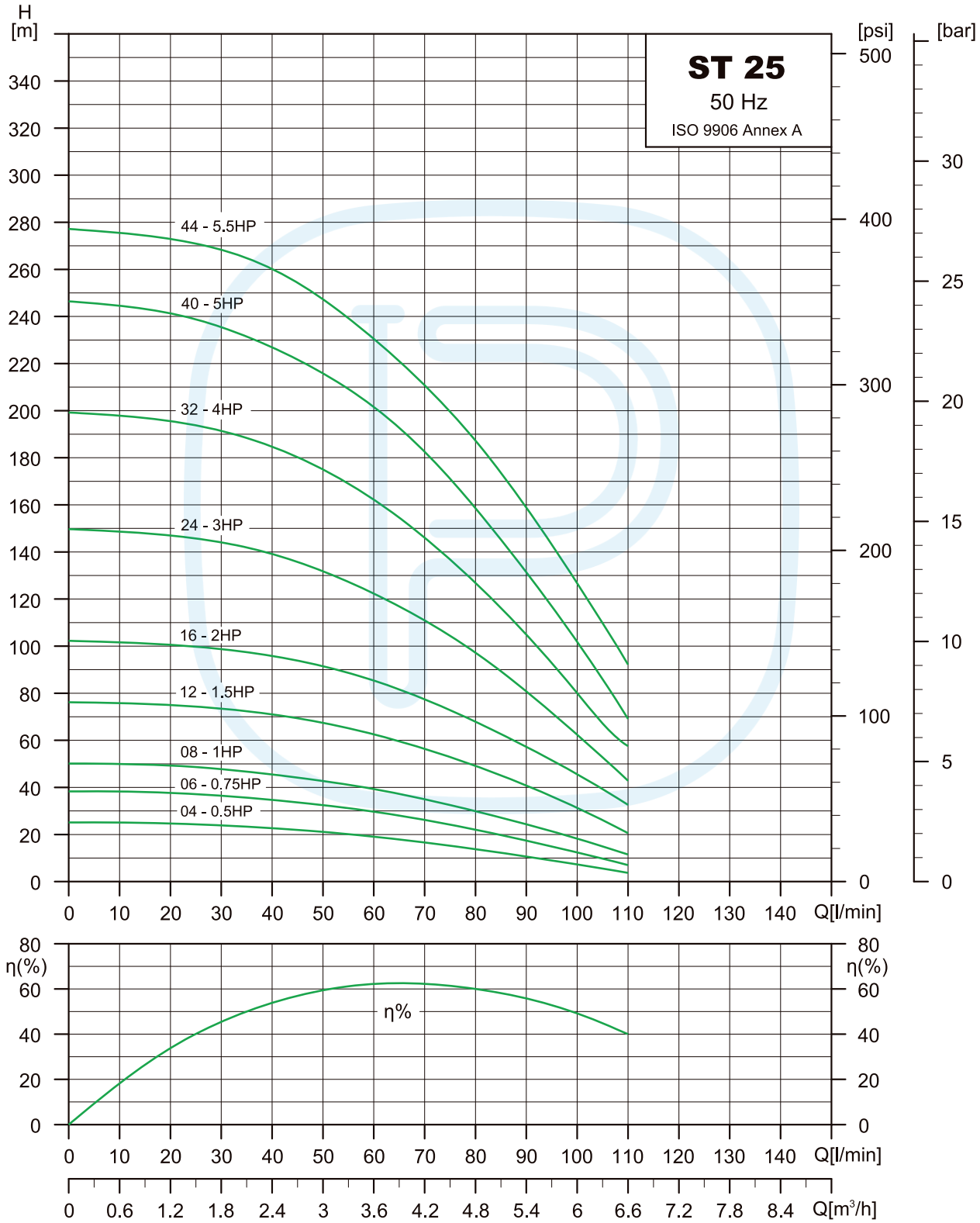

ST 18
50 Hz
ISO 9906 Annex A
H [m]
[psi]
[bar]
48 - 5.5HP
44 - 5HP
35 - 4HP
27 - 3HP
18 - 2HP
14 - 1.5HP
09 - 1HP
07 - 0.75HP
05 - 0.5HP
Q[l/min]
η(%)
η%
Q[m³/h]

| Pump Type | Motor | | Q | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | kW | HP | l/min | 0 | 25 | 30 | 35 | 40 | 45 | 50 | 60 | 70 | 80 | 90 | 100 |
| | | | $m^3/h$ | 0 | 1,5 | 1,8 | 2,1 | 2,4 | 2,7 | 3,0 | 3,6 | 4,2 | 4,8 | 5,4 | 6,0 |
| PV ST 18 05 | 0,37 | 0,5 | H (m) | 33 | 29 | 28 | 27 | 26 | 25 | 24 | 21 | 18 | 13 | 8 | 3 |
| PV ST 18 07 | 0,55 | 0,75 | | 46 | 43 | 42 | 41 | 39 | 38 | 36 | 33 | 28 | 22 | 15 | 7 |
| PV ST 18 09 | 0,75 | 1,0 | | 59 | 55 | 54 | 52 | 51 | 49 | 47 | 43 | 37 | 28 | 20 | 10 |
| PV ST 18 14 | 1,1 | 1,5 | | 93 | 87 | 86 | 83 | 81 | 79 | 76 | 68 | 58 | 47 | 33 | 20 |
| PV ST 18 18 | 1,5 | 2,0 | | 120 | 113 | 111 | 108 | 105 | 102 | 98 | 88 | 75 | 60 | 42 | 25 |
| PV ST 18 27 | 2,2 | 3,0 | | 175 | 164 | 161 | 157 | 152 | 147 | 141 | 127 | 109 | 87 | 61 | 35 |
| ▸ PV ST 18 35 | 3,0 | 4,0 | | 228 | 212 | 208 | 203 | 197 | 191 | 184 | 166 | 145 | 119 | 85 | 46 |
| ▸ PV ST 18 44 | 3,7 | 5,0 | | 282 | 261 | 255 | 249 | 241 | 233 | 223 | 201 | 173 | 140 | 99 | 52 |
| ▸ PV ST 18 48 | 4,0 | 5,5 | | 309 | 289 | 283 | 276 | 267 | 258 | 248 | 225 | 197 | 162 | 120 | 73 |

▸ Sleeve composed of 2 pieces

| Pump Type | Dimensions (mm) | | | Net Weight (kg) | Package | |
|---|---|---|---|---|---|---|
| | A | B | C | | Dim. (cm) | Gross Weight (kg) |
| PV ST 18 05 | 257 | 1" 1/4 | 98 | 2,70 | 29x11x11 | 2,90 |
| PV ST 18 07 | 301 | | 98 | 3,00 | 33x11x11 | 3,23 |
| PV ST 18 09 | 344 | | 98 | 3,30 | 39x11x11 | 3,57 |
| PV ST 18 14 | 452 | | 98 | 4,10 | 52x11x11 | 4,42 |
| PV ST 18 18 | 538 | | 98 | 4,70 | 58x11x11 | 5,06 |
| PV ST 18 27 | 805 | | 98 | 7,50 | 87x12x12 | 8,27 |
| PV ST 18 35 | 995 | | 98 | 7,90 | 106x12x12 | 8,73 |
| PV ST 18 44 | 1187 | | 98 | 9,30 | 128x12x12 | 10,25 |
| PV ST 18 48 | 1312 | | 98 | 9,90 | 139x12x12 | 10,90 |

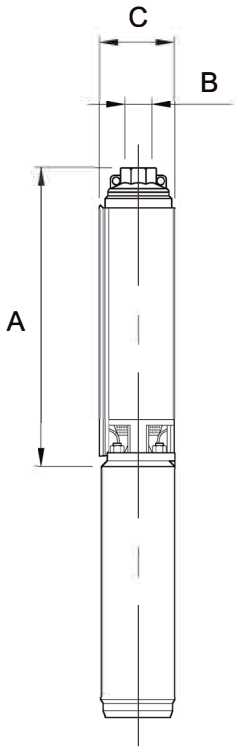


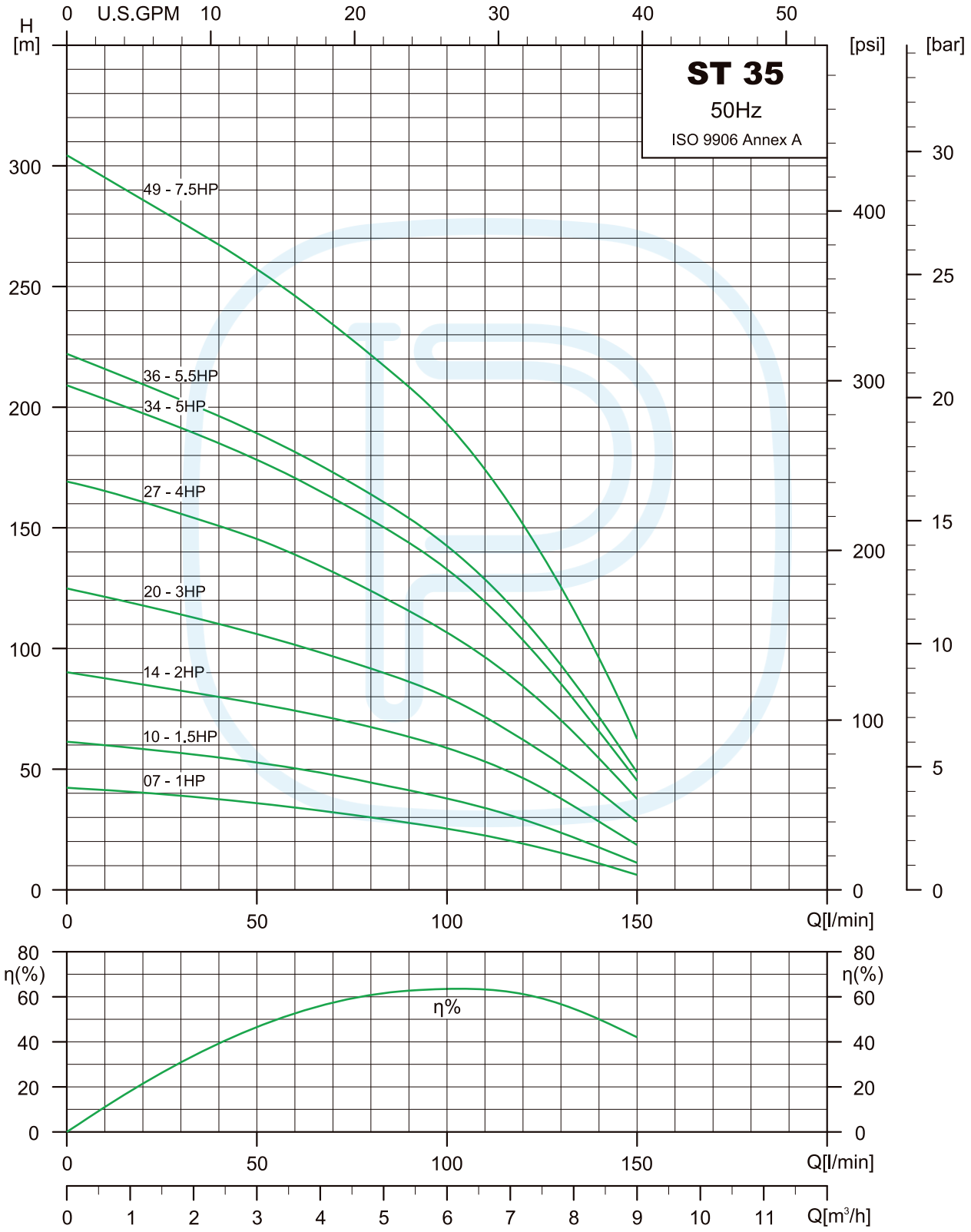

ST 25
50 Hz
ISO 9906 Annex A
H [m]
[psi]
[bar]
44 - 5.5HP
40 - 5HP
32 - 4HP
24 - 3HP
16 - 2HP
12 - 1.5HP
08 - 1HP
06 - 0.75HP
04 - 0.5HP
Q[l/min]
η(%)
η%
Q[m³/h]

| Pump Type | Motor | | Q | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | kW | HP | l/min | 0 | 35 | 40 | 45 | 50 | 60 | 70 | 80 | 90 | 100 |
| | | | $m^3/h$ | 0 | 2,1 | 2,4 | 2,7 | 3,0 | 3,6 | 4,2 | 4,8 | 5,4 | 6,0 |
| PV ST 25 04 | 0,37 | 0,5 | H (m) | 26 | 23 | 22 | 22 | 21 | 19 | 17 | 14 | 11 | 7 |
| PV ST 25 06 | 0,55 | 0,75 | | 38 | 36 | 35 | 33 | 32 | 30 | 26 | 22 | 18 | 12 |
| PV ST 25 08 | 0,75 | 1,0 | | 51 | 47 | 46 | 44 | 43 | 39 | 35 | 30 | 24 | 18 |
| PV ST 25 12 | 1,1 | 1,5 | | 77 | 72 | 71 | 69 | 68 | 63 | 57 | 49 | 41 | 31 |
| PV ST 25 16 | 1,5 | 2,0 | | 102 | 98 | 96 | 94 | 92 | 86 | 77 | 68 | 57 | 46 |
| PV ST 25 24 | 2,2 | 3,0 | | 151 | 142 | 139 | 136 | 132 | 122 | 111 | 97 | 80 | 62 |
| ▸ PV ST 25 32 | 3,0 | 4,0 | | 203 | 188 | 185 | 180 | 175 | 162 | 146 | 127 | 105 | 80 |
| ▸ PV ST 25 40 | 3,7 | 5,0 | | 253 | 232 | 227 | 222 | 216 | 202 | 182 | 159 | 131 | 102 |
| ▸ PV ST 25 44 | 4,0 | 5,5 | | 278 | 265 | 260 | 254 | 247 | 230 | 210 | 187 | 159 | 127 |

▸ Sleeve composed of 2 pieces

| Pump Type | Dimensions (mm) | | | Net Weight (kg) | Package | |
|---|---|---|---|---|---|---|
| | A | B | C | | Dim. (cm) | Gross Weight (kg) |
| PV ST 25 04 | 247 | 1" 1/2 | 98 | 2,40 | 29x11x11 | 2,60 |
| PV ST 25 06 | 296 | | 98 | 2,90 | 33x11x11 | 3,13 |
| PV ST 25 08 | 345 | | 98 | 3,30 | 39x11x11 | 3,57 |
| PV ST 25 12 | 445 | | 98 | 4,10 | 48x11x11 | 4,40 |
| PV ST 25 16 | 542 | | 98 | 5,00 | 58x11x11 | 5,36 |
| PV ST 25 24 | 815 | | 98 | 6,60 | 87x12x12 | 7,32 |
| PV ST 25 32 | 1028 | | 98 | 8,70 | 109x12x12 | 9,55 |
| PV ST 25 40 | 1220 | | 98 | 10,40 | 128x12x12 | 11,35 |
| PV ST 25 44 | 1359 | | 98 | 11,20 | 142x12x12 | 12,20 |

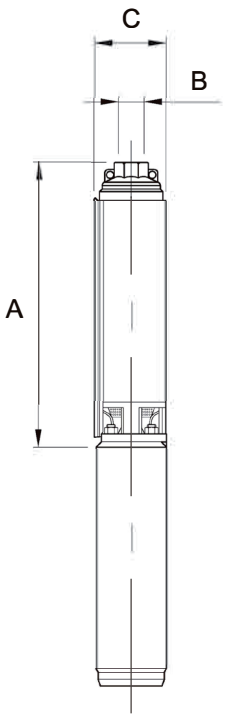


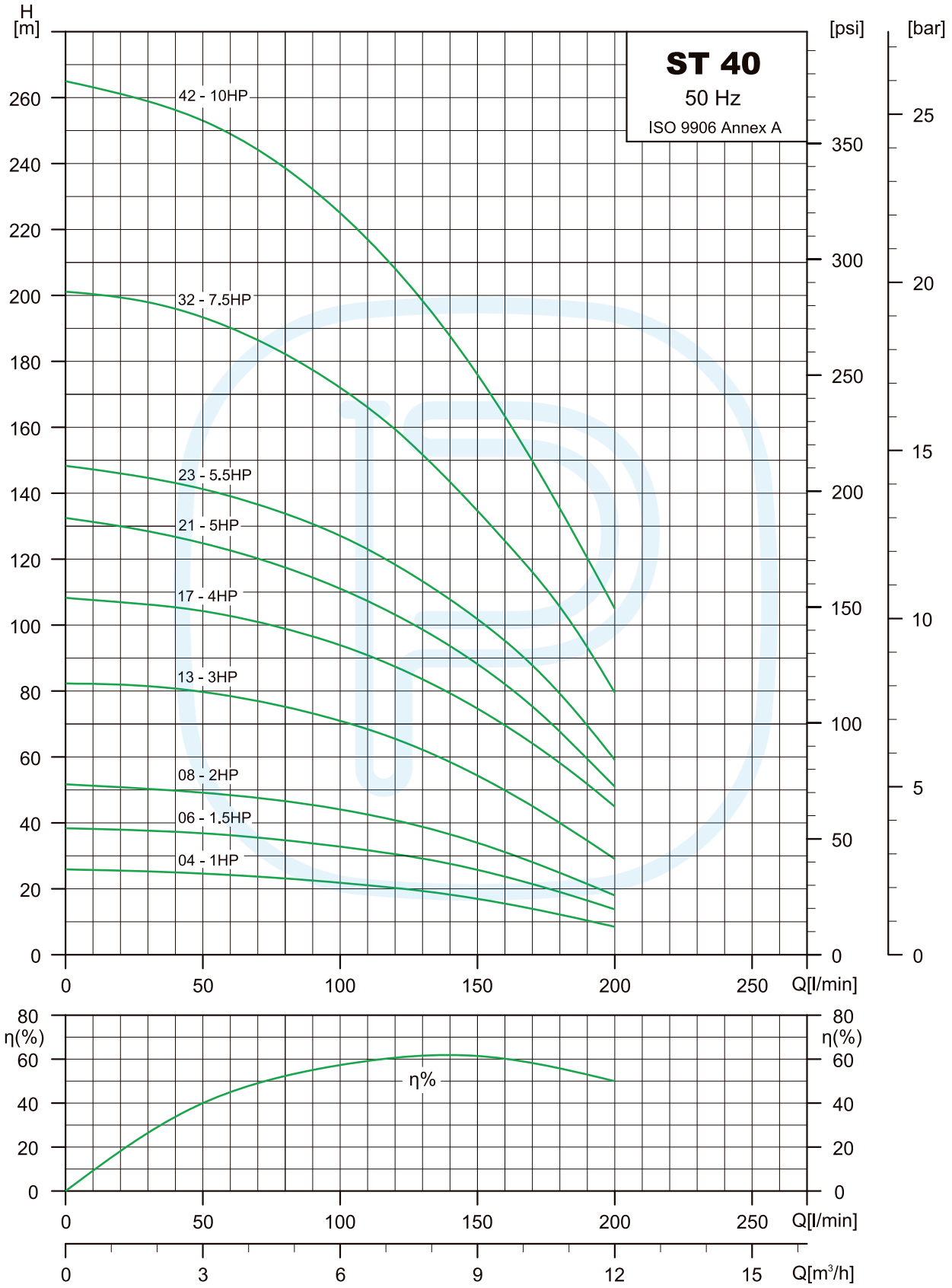

ST 35
50Hz
ISO 9906 Annex A
H [m]
U.S.GPM
[psi]
[bar]
49 - 7.5HP
36 - 5.5HP
34 - 5HP
27 - 4HP
20 - 3HP
14 - 2HP
10 - 1.5HP
07 - 1HP
Q[l/min]
η(%)
η%
Q[m³/h]

| Pump Type | Motor | | Q | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | kW | HP | l/min | 0 | 50 | 60 | 70 | 80 | 90 | 100 | 120 | 140 |
| | | | m³/h | 0 | 3,0 | 3,6 | 4,2 | 4,8 | 5,4 | 6,0 | 7,2 | 8,4 |
| PV ST 35 07 | 0,75 | 1,0 | H (m) | 42 | 36 | 34 | 32 | 30 | 28 | 25 | 19 | 11 |
| PV ST 35 10 | 1,1 | 1,5 | | 62 | 53 | 51 | 48 | 45 | 41 | 38 | 29 | 18 |
| PV ST 35 14 | 1,5 | 2,0 | | 90 | 77 | 74 | 71 | 68 | 63 | 59 | 46 | 28 |
| PV ST 35 20 | 2,2 | 3,0 | | 125 | 107 | 102 | 97 | 92 | 86 | 80 | 62 | 40 |
| PV ST 35 27 | 3,0 | 4,0 | | 169 | 145 | 139 | 131 | 123 | 115 | 107 | 84 | 55 |
| ▸ PV ST 35 34 | 3,7 | 5,0 | | 208 | 178 | 170 | 162 | 153 | 143 | 132 | 103 | 66 |
| ▸ PV ST 35 36 | 4,0 | 5,5 | | 221 | 190 | 181 | 173 | 164 | 154 | 143 | 112 | 72 |
| ▸ PV ST 35 49 | 5,5 | 7,5 | | 302 | 257 | 246 | 234 | 222 | 209 | 193 | 151 | 96 |

▸ Sleeve composed of 2 pieces

| Pump Type | Dimensions (mm) | | | Net Weight (kg) | Package | |
|---|---|---|---|---|---|---|
| | A | B | C | | Dim. (cm) | Gross Weight (kg) |
| PV ST 35 07 | 390 | 2" | 98 | 3,70 | 45x11x11 | 4,00 |
| PV ST 35 10 | 483 | | 98 | 4,60 | 52x11x11 | 4,82 |
| PV ST 35 14 | 607 | | 98 | 5,70 | 66x11x11 | 6,10 |
| PV ST 35 20 | 831 | | 98 | 7,50 | 93x12x12 | 8,27 |
| PV ST 35 27 | 1086 | | 99 | 9,60 | 115x12x12 | 10,47 |
| PV ST 35 34 | 1325 | | 98 | 11,60 | 139x12x12 | 13,50 |
| PV ST 35 36 | 1384 | | 98 | 12,20 | 145x12x12 | 13,30 |
| PV ST 35 49 | 1863 | | 98 | 15,90 | 193x12x12 | 17,25 |

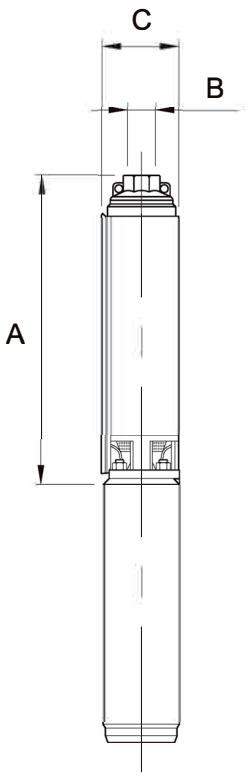


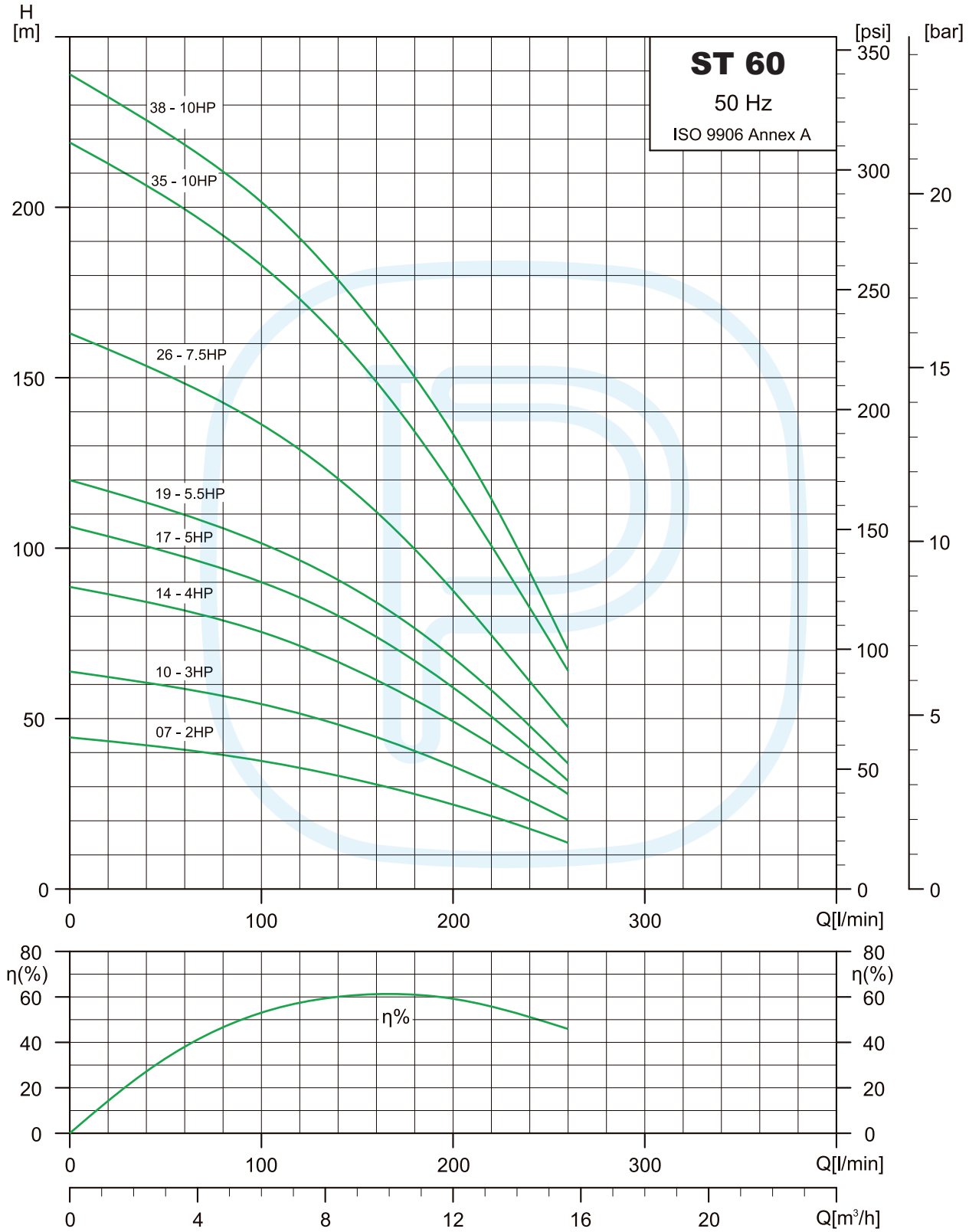

ST 40
50 Hz
ISO 9906 Annex A
H [m]
[psi]
[bar]
42 - 10HP
32 - 7.5HP
23 - 5.5HP
21 - 5HP
17 - 4HP
13 - 3HP
08 - 2HP
06 - 1.5HP
04 - 1HP
Q[l/min]
η(%)
η%
Q[m³/h]

| Pump Type | Motor | | Q | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | kW | HP | l/min | 0 | 80 | 90 | 100 | 120 | 140 | 160 | 180 | 200 |
| | | | $m^3/h$ | 0 | 4,8 | 5,4 | 6,0 | 7,2 | 8,4 | 9,6 | 10,8 | 12,0 |
| PV ST 40 04 | 0,75 | 1,0 | H (m) | 26 | 23 | 22 | 21 | 20 | 18 | 16 | 12 | 9 |
| PV ST 40 06 | 1,1 | 1,5 | | 38 | 35 | 34 | 33 | 31 | 28 | 24 | 19 | 14 |
| PV ST 40 08 | 1,5 | 2,0 | | 52 | 47 | 45 | 44 | 41 | 37 | 31 | 25 | 18 |
| PV ST 40 13 | 2,2 | 3,0 | | 82 | 75 | 73 | 71 | 66 | 59 | 50 | 40 | 30 |
| PV ST 40 17 | 3,0 | 4,0 | | 108 | 98 | 96 | 94 | 87 | 79 | 70 | 58 | 46 |
| PV ST 40 21 | 3,7 | 5,0 | | 132 | 117 | 114 | 111 | 103 | 93 | 82 | 68 | 52 |
| PV ST 40 23 | 4,0 | 5,5 | | 148 | 134 | 131 | 127 | 118 | 108 | 95 | 79 | 60 |
| ▸ PV ST 40 32 | 5,5 | 7,5 | | 202 | 182 | 178 | 172 | 160 | 143 | 125 | 105 | 80 |
| ▸ PV ST 40 42 | 7,5 | 10,0 | | 265 | 239 | 232 | 225 | 208 | 188 | 163 | 135 | 105 |

▸ Sleeve composed of 2 pieces

| Pump Type | Dimensions (mm) | | | Net Weight (kg) | Package | |
|---|---|---|---|---|---|---|
| | A | B | C | | Dim. (cm) | Gross Weight (kg) |
| PV ST 40 04 | 301 | 2" | 98 | 2,80 | 33x11x11 | 3,03 |
| PV ST 40 06 | 356 | | 98 | 3,40 | 39x11x11 | 3,67 |
| PV ST 40 08 | 418 | | 98 | 4,00 | 48x11x11 | 4,30 |
| PV ST 40 13 | 573 | | 98 | 5,50 | 66x11x11 | 5,80 |
| PV ST 40 17 | 697 | | 98 | 6,60 | 77x11x11 | 7,00 |
| PV ST 40 21 | 859 | | 98 | 7,80 | 93x12x12 | 8,56 |
| PV ST 40 23 | 959 | | 98 | 8,40 | 103x12x12 | 9,20 |
| PV ST 40 32 | 1260 | | 98 | 11,00 | 134x12x12 | 12,00 |
| PV ST 40 42 | 1650 | | 98 | 15,50 | 184x12x12 | 16,80 |



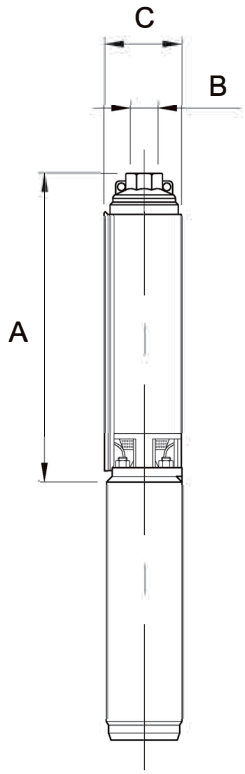

ST 60
50 Hz
ISO 9906 Annex A
H
[m]
[psi]
[bar]
38 - 10HP
35 - 10HP
26 - 7.5HP
19 - 5.5HP
17 - 5HP
14 - 4HP
10 - 3HP
07 - 2HP
Q[l/min]
η(%)
η%
Q[m³/h]

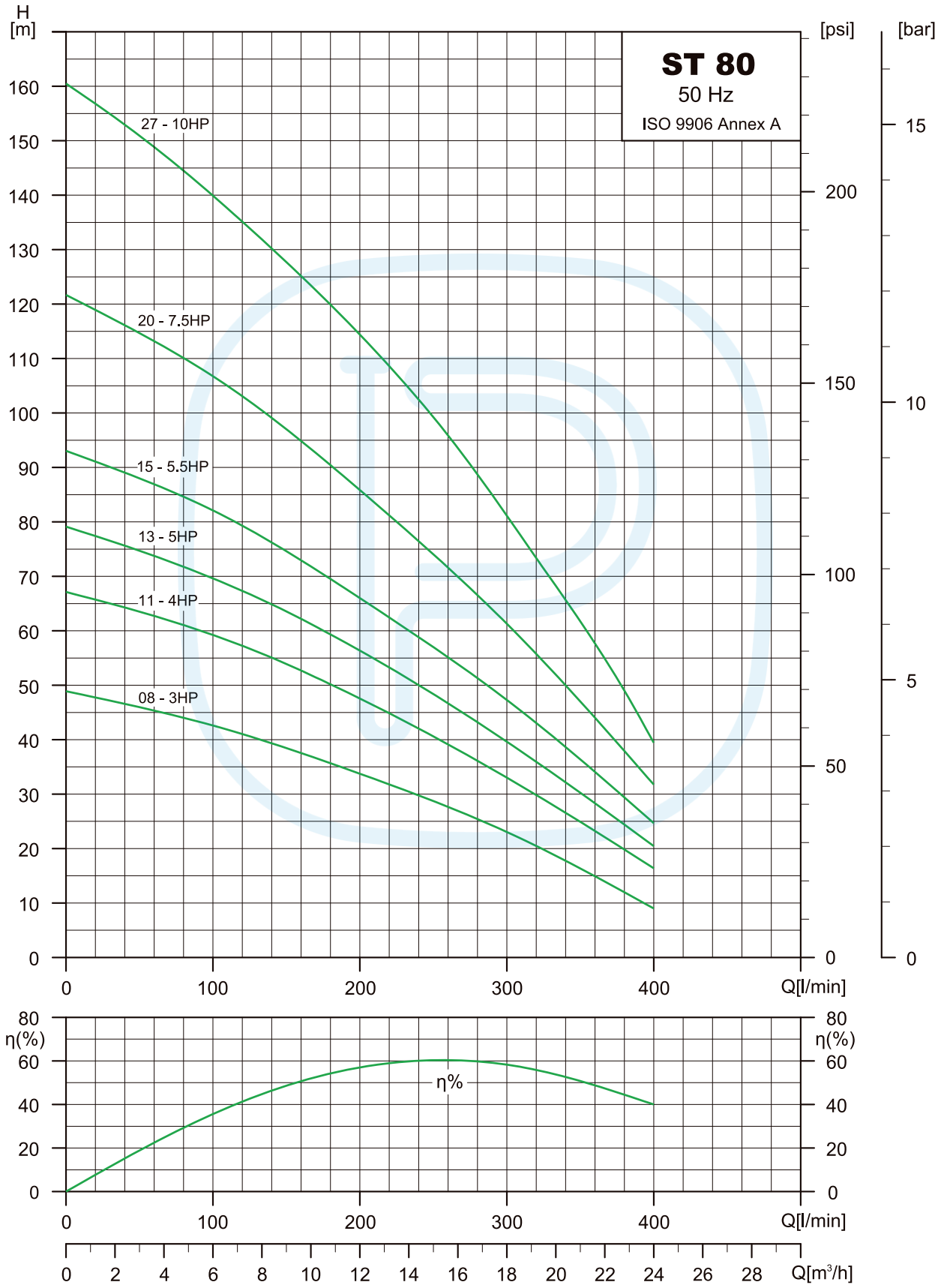
| Pump Type | Motor | | Q | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | kW | HP | l/min | 0 | 100 | 120 | 140 | 160 | 180 | 200 | 220 | 240 | 260 |
| | | | $m^3/h$ | 0 | 6,0 | 7,2 | 8,4 | 9,6 | 10,8 | 12,0 | 13,2 | 14,4 | 15,6 |
| PV ST 60 07 | 1,5 | 2,0 | H (m) | 45 | 37 | 36 | 33 | 31 | 28 | 25 | 22 | 18 | 14 |
| PV ST 60 10 | 2,2 | 3,0 | | 64 | 54 | 52 | 48 | 44 | 41 | 36 | 32 | 26 | 20 |
| PV ST 60 14 | 3.0 | 4,0 | | 89 | 76 | 72 | 67 | 62 | 56 | 49 | 43 | 35 | 28 |
| PV ST 60 17 | 3,7 | 5,0 | | 107 | 90 | 86 | 80 | 74 | 67 | 59 | 51 | 42 | 32 |
| PV ST 60 19 | 4.0 | 5,5 | | 120 | 102 | 97 | 91 | 89 | 76 | 68 | 58 | 48 | 37 |
| ▸ PV ST 60 26 | 5,5 | 7,5 | | 163 | 136 | 129 | 120 | 111 | 100 | 87 | 75 | 61 | 48 |
| ▸ PV ST 60 35 | 7,5 | 10,0 | | 219 | 183 | 173 | 162 | 149 | 134 | 118 | 111 | 82 | 64 |
| ▸ PV ST 60 38 | 7,5 | 10,0 | | 239 | 201 | 191 | 178 | 165 | 150 | 134 | 114 | 93 | 70 |

▸ Sleeve composed of 2 pieces

| Pump Type | Dimensions (mm) | | | Net Weight (kg) | Package | |
|---|---|---|---|---|---|---|
| | A | B | C | | Dim. (cm) | Gross Weight (kg) |
| PV ST 60 07 | 534 | 2" | 98 | 5,30 | 58x11x11 | 5,66 |
| PV ST 60 10 | 690 | | 98 | 6,70 | 77x11x11 | 7,18 |
| PV ST 60 14 | 989 | | 98 | 8,60 | 95x12x12 | 9,37 |
| PV ST 60 17 | 1092 | | 98 | 10,10 | 115x12x12 | 11,00 |
| PV ST 60 19 | 1233 | | 98 | 11,00 | 134x12x12 | 12,00 |
| PV ST 60 26 | 1620 | | 98 | 14,30 | 168x12x12 | 15,60 |
| PV ST 60 35 | 2165 | | 98 | 18,60 | 229x21x23* | 27,00 |
| PV ST 60 38 | 2322 | | 98 | 18,81 | 244x21x23* | 29,76 |

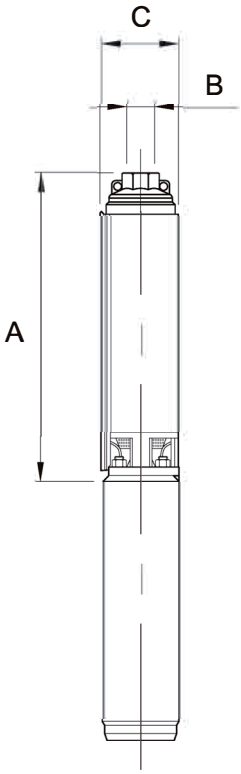
* wooden case




ST 80
50 Hz
ISO 9906 Annex A
H [m]
[psi]
[bar]
27 - 10HP
20 - 7.5HP
15 - 5.5HP
13 - 5HP
11 - 4HP
08 - 3HP
Q[l/min]
η(%)
η%
Q[m³/h]

| Pump Type | Motor | | Q | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | kW | HP | l/min | 0 | 140 | 160 | 180 | 200 | 220 | 240 | 260 | 280 | 300 | 320 | 340 | 360 | 380 | 400 |
| | | | $m^3/h$ | 0 | 8,4 | 9,6 | 10,8 | 12,0 | 13,2 | 14,4 | 15,6 | 16,8 | 18,0 | 19,2 | 20,4 | 21,6 | 22,8 | 24,0 |
| PV ST 80 08 | 2,2 | 3,0 | H (m) | 49 | 39 | 38 | 36 | 34 | 32 | 30 | 28 | 25 | 23 | 20 | 18 | 15 | 12 | 9 |
| PV ST 80 11 | 3,0 | 4,0 | | 67 | 55 | 53 | 50 | 48 | 45 | 42 | 39 | 36 | 33 | 30 | 27 | 23 | 20 | 16 |
| PV ST 80 13 | 3,7 | 5,0 | | 79 | 65 | 62 | 59 | 56 | 53 | 50 | 47 | 43 | 40 | 36 | 32 | 28 | 24 | 20 |
| PV ST 80 15 | 4,0 | 5,5 | | 93 | 76 | 73 | 70 | 66 | 62 | 59 | 55 | 51 | 47 | 43 | 39 | 34 | 29 | 25 |
| ▸PV ST 80 20 | 5,5 | 7,5 | | 122 | 99 | 95 | 90 | 86 | 81 | 76 | 72 | 67 | 61 | 56 | 50 | 44 | 38 | 32 |
| ▸PV ST 80 26 | 7,5 | 10,0 | | 158 | 128 | 123 | 117 | 112 | 106 | 100 | 93 | 86 | 79 | 71 | 63 | 54 | 46 | 38 |
| ▸PV ST 80 27 | 7,5 | 10,0 | | 161 | 130 | 125 | 120 | 114 | 109 | 102 | 96 | 89 | 81 | 73 | 65 | 57 | 49 | 39 |

▸ Sleeve composed of 2 pieces

| Pump Type | Dimensions (mm) | | | Net Weight (kg) | Package | |
|---|---|---|---|---|---|---|
| | A | B | C | | Dim. (cm) | Gross Weight (kg) |
| PV ST 80 08 | 676 | 2" | 98 | 6,30 | 77x11x11 | 7,18 |
| PV ST 80 11 | 880 | | 98 | 8,10 | 95x12x12 | 8,87 |
| PV ST 80 13 | 1013 | | 98 | 9,30 | 109x12x12 | 10,17 |
| PV ST 80 15 | 1149 | | 98 | 10,50 | 122x12x12 | 11,45 |
| PV ST 80 20 | 1543 | | 98 | 13,50 | 162x12x12 | 14,66 |
| PV ST 80 26 | 1955 | | 98 | 17,10 | 207x21x23* | 28,95 |
| PV ST 80 27 | 2020 | | 98 | 17,30 | 214x21x23* | 26 |

* wooden case