



Pompes immergées 4"

## HP-ST

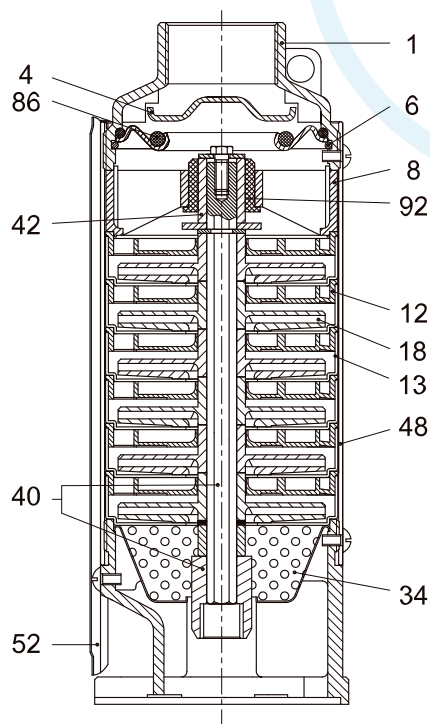
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# Pompes de forage 4" avec turbines en Noryl.

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 :

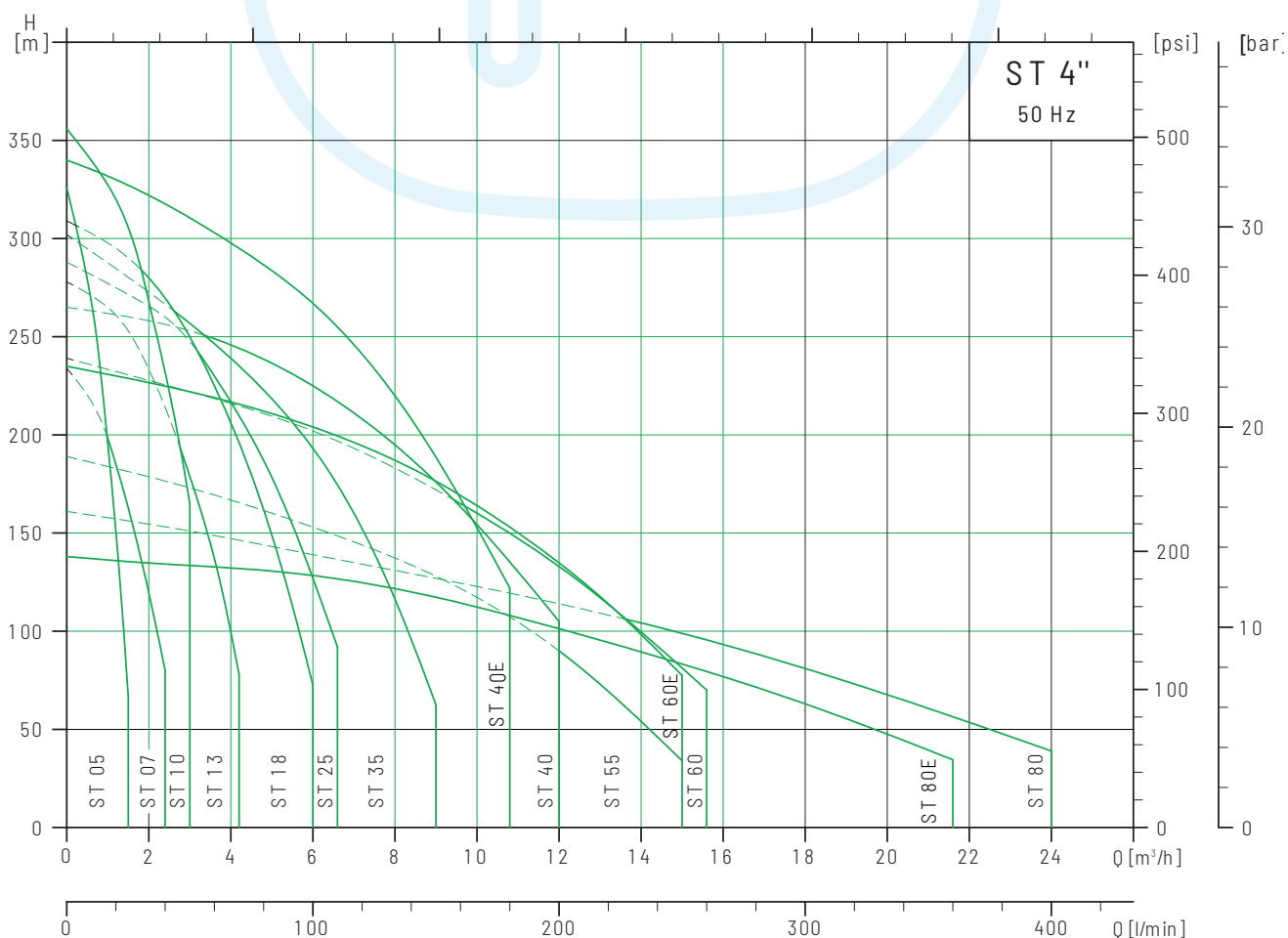
- Stations et systèmes de traitement d'eau pour usage résidentiel et industriel
- Fonctionnement en continu ou par intermittence
- Systèmes de pressurisation
- Installations d'irrigation

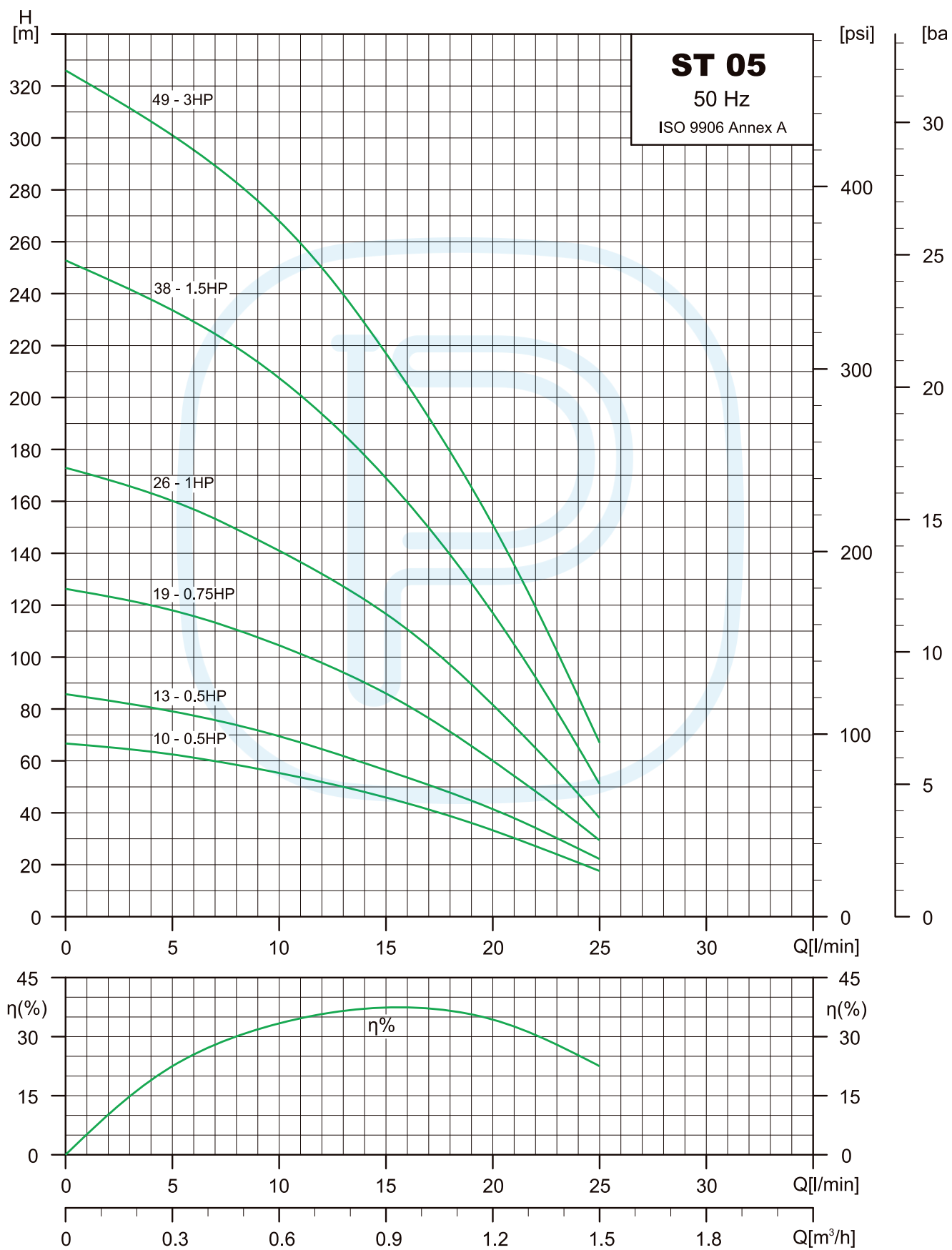
## MATÉRIAUX :

|                      |          |
|----------------------|----------|
| 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 m <sup>3</sup> /h                                                                                                          |
| Température maximale du liquide     | 30 °C                                                                                                                         |
| Teneur maximale admissible en sable | 150 g/m <sup>3</sup>                                                                                                          |
| Sortie de refoulement               | <ul style="list-style-type: none"> <li>• ST05 à ST18 : 1" 1/4</li> <li>• ST25 : 1" 1/2</li> <li>• ST35 à ST80 : 2"</li> </ul> |

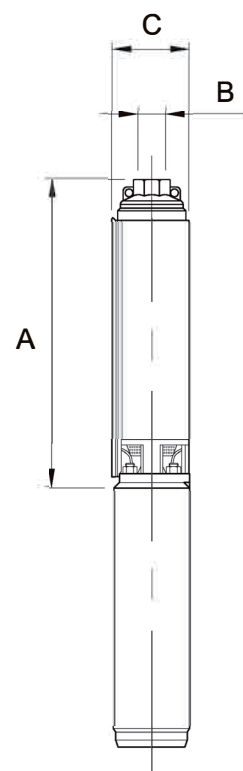


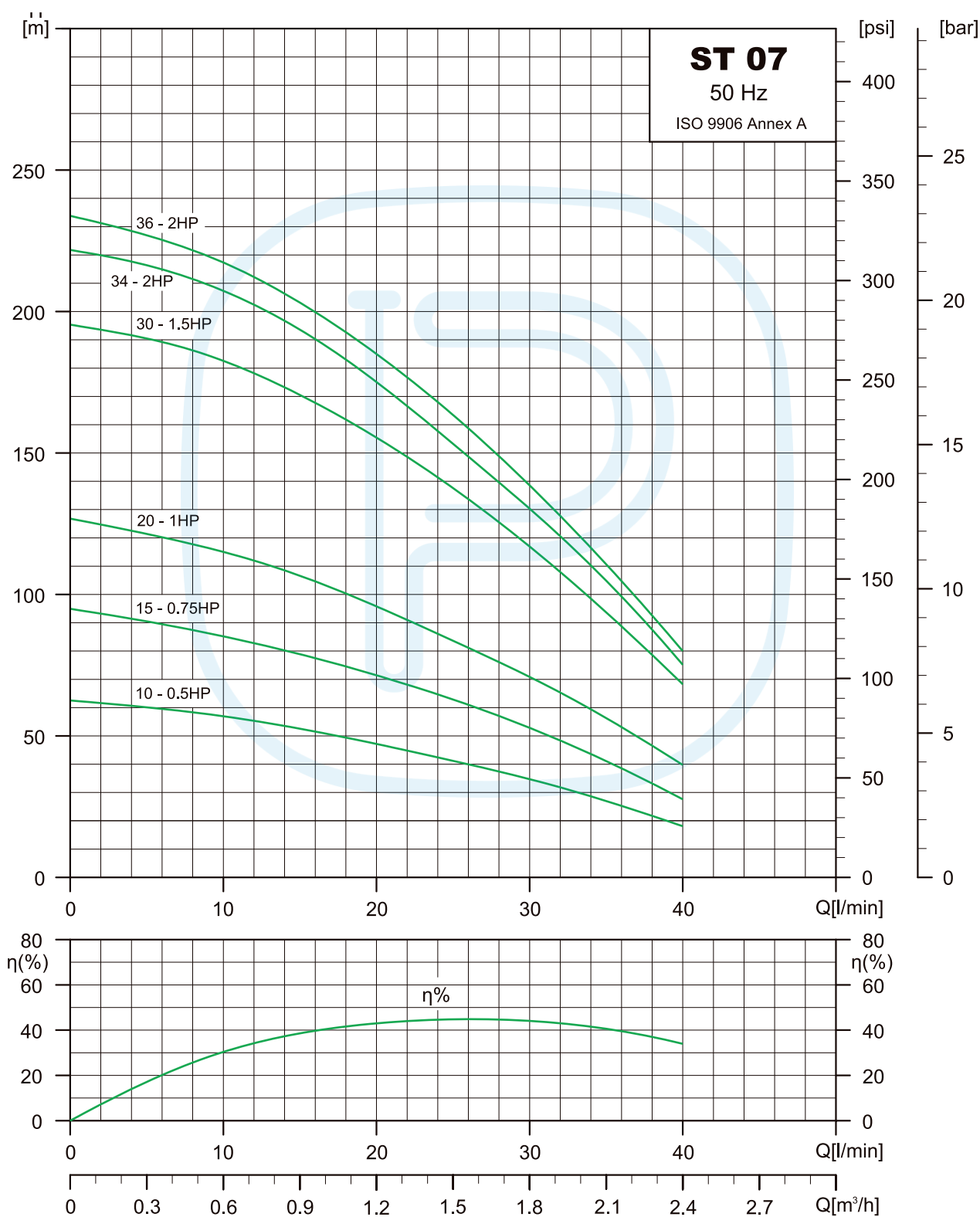


| Pump Type     | Motor |      | Q                 |     |     |     |     |     |     |
|---------------|-------|------|-------------------|-----|-----|-----|-----|-----|-----|
|               | kW    | HP   | l/min             | 0   | 5   | 10  | 15  | 20  | 25  |
|               |       |      | m <sup>3</sup> /h | 0   | 0,3 | 0,6 | 0,9 | 1,2 | 1,5 |
| PV ST 05 10   | 0,37  | 0,5  | H<br>(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 |                 |        |    |                 |           |                   |

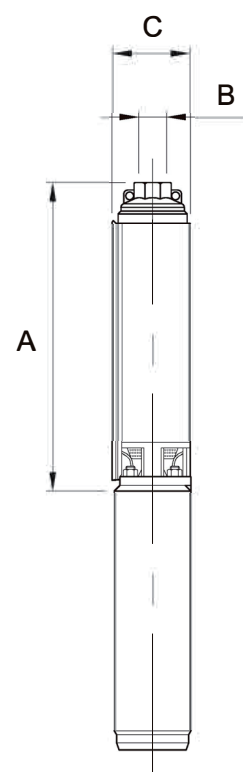


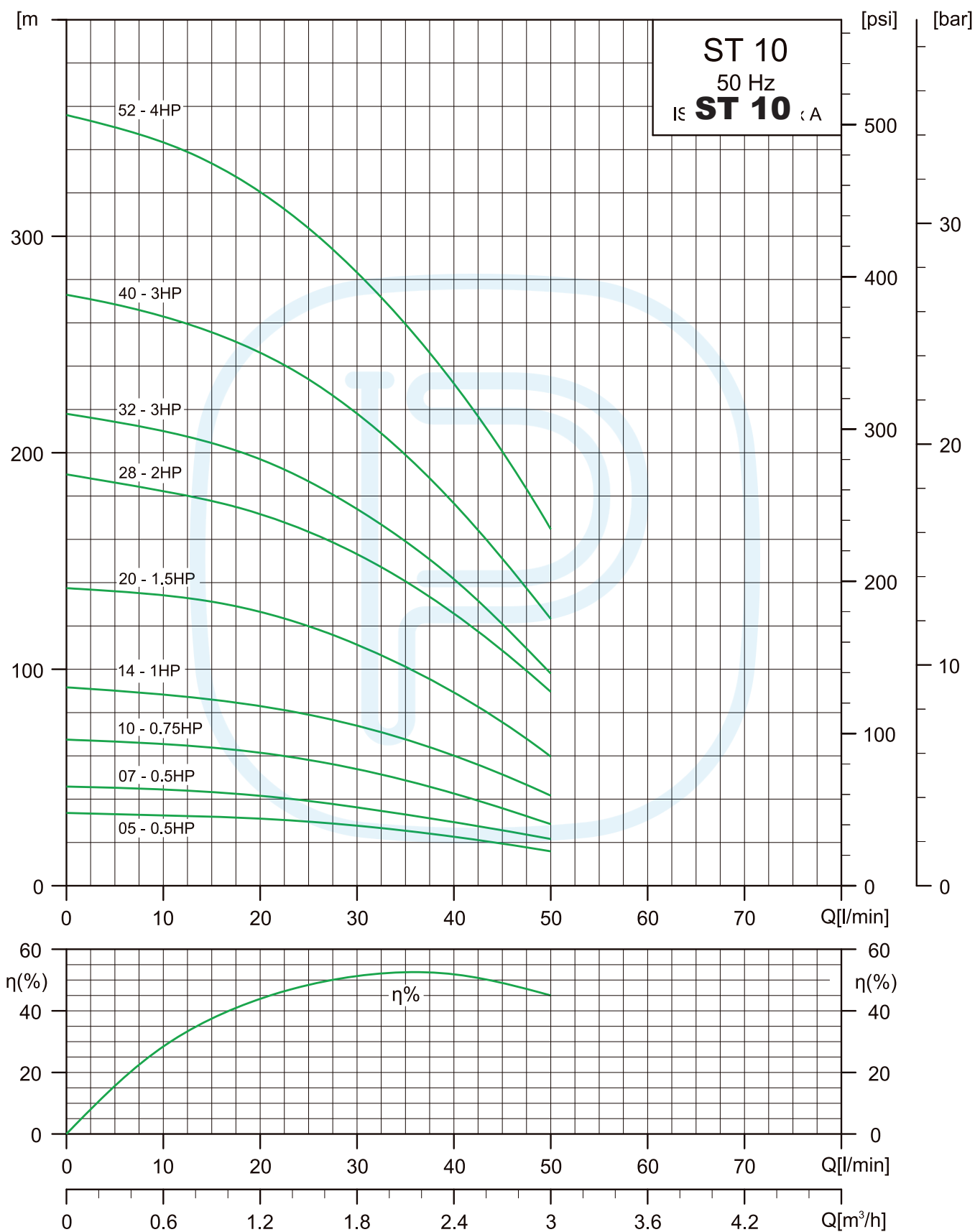


| Pump Type     | Motor |      | Q                 |     |     |     |     |     |     |     |     |
|---------------|-------|------|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|
|               | kW    | HP   | l/min             | 0   | 10  | 15  | 20  | 25  | 30  | 35  | 40  |
|               |       |      | m <sup>3</sup> /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<br>(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              |



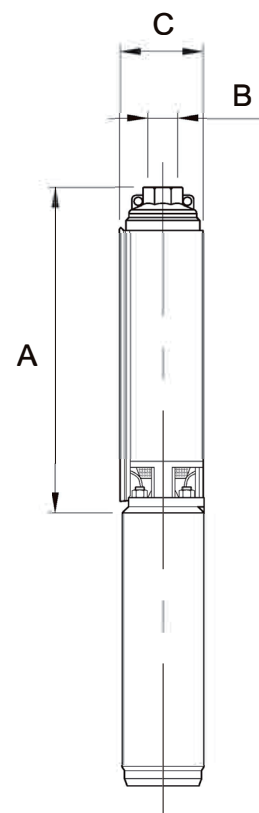


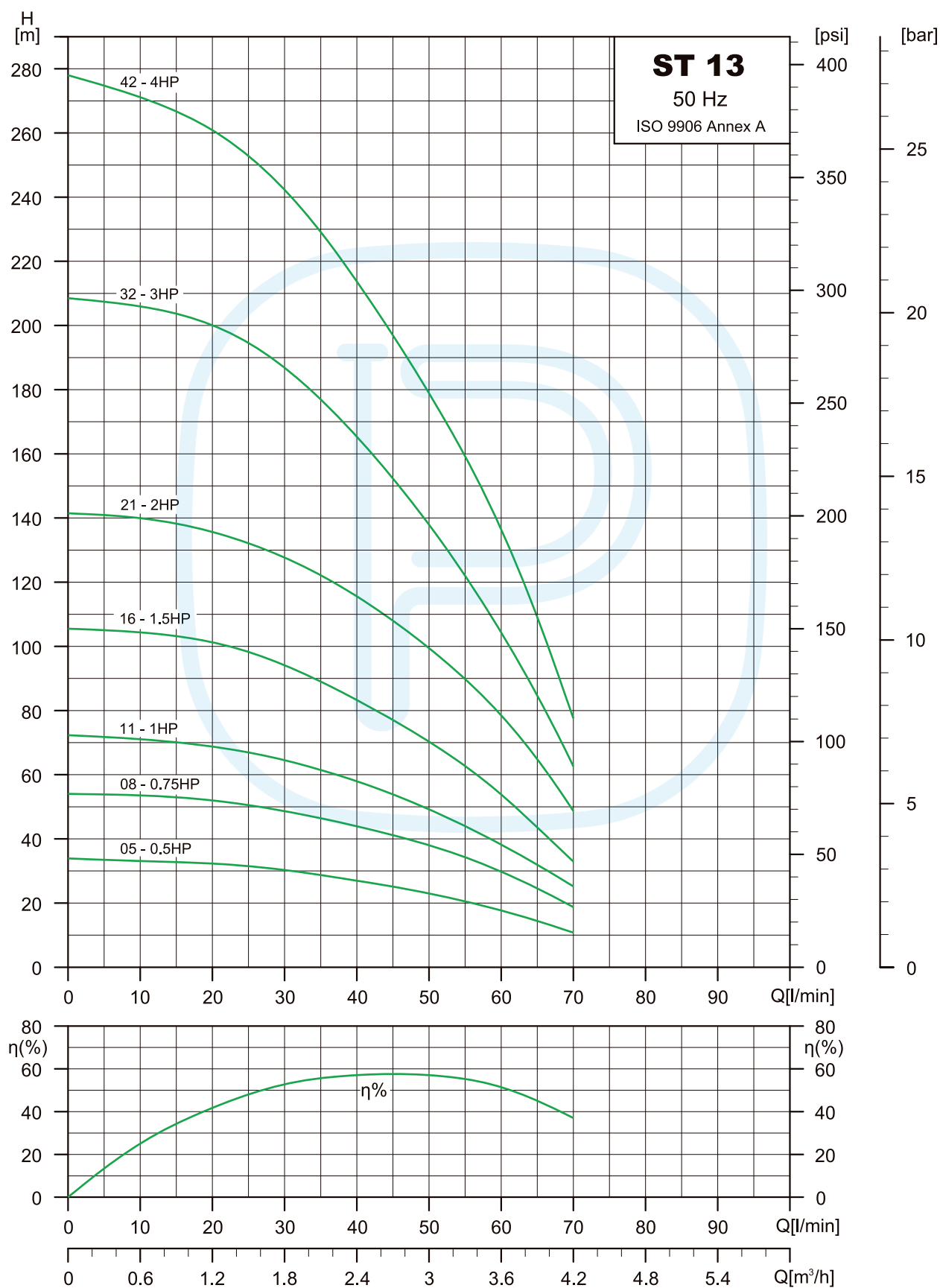


| Pump Type     | Motor |      | Q                 |     |     |     |     |     |     |     |     |     |
|---------------|-------|------|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|               | kW    | HP   | l/min             | 0   | 15  | 20  | 25  | 30  | 35  | 40  | 45  | 50  |
|               |       |      | m <sup>3</sup> /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  | H<br>(m)          | 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  |                   | 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

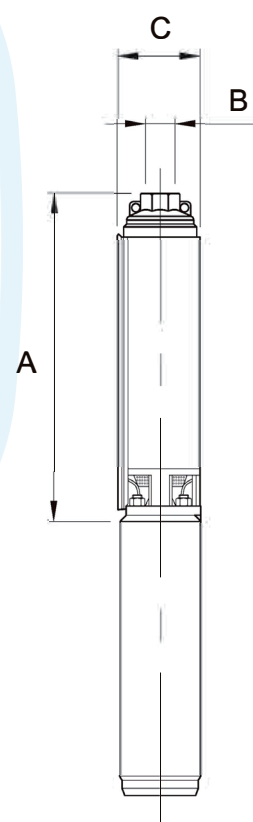
| Pump Type   | Dimensions (mm) |        |    | Net Weight (kg) | Package   |                   |
|-------------|-----------------|--------|----|-----------------|-----------|-------------------|
|             | A               | B      | C  |                 | Dim. (cm) | Gross Weight (kg) |
| PV ST 10 05 | 236             | 1" 1/4 | 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             |        | 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             |

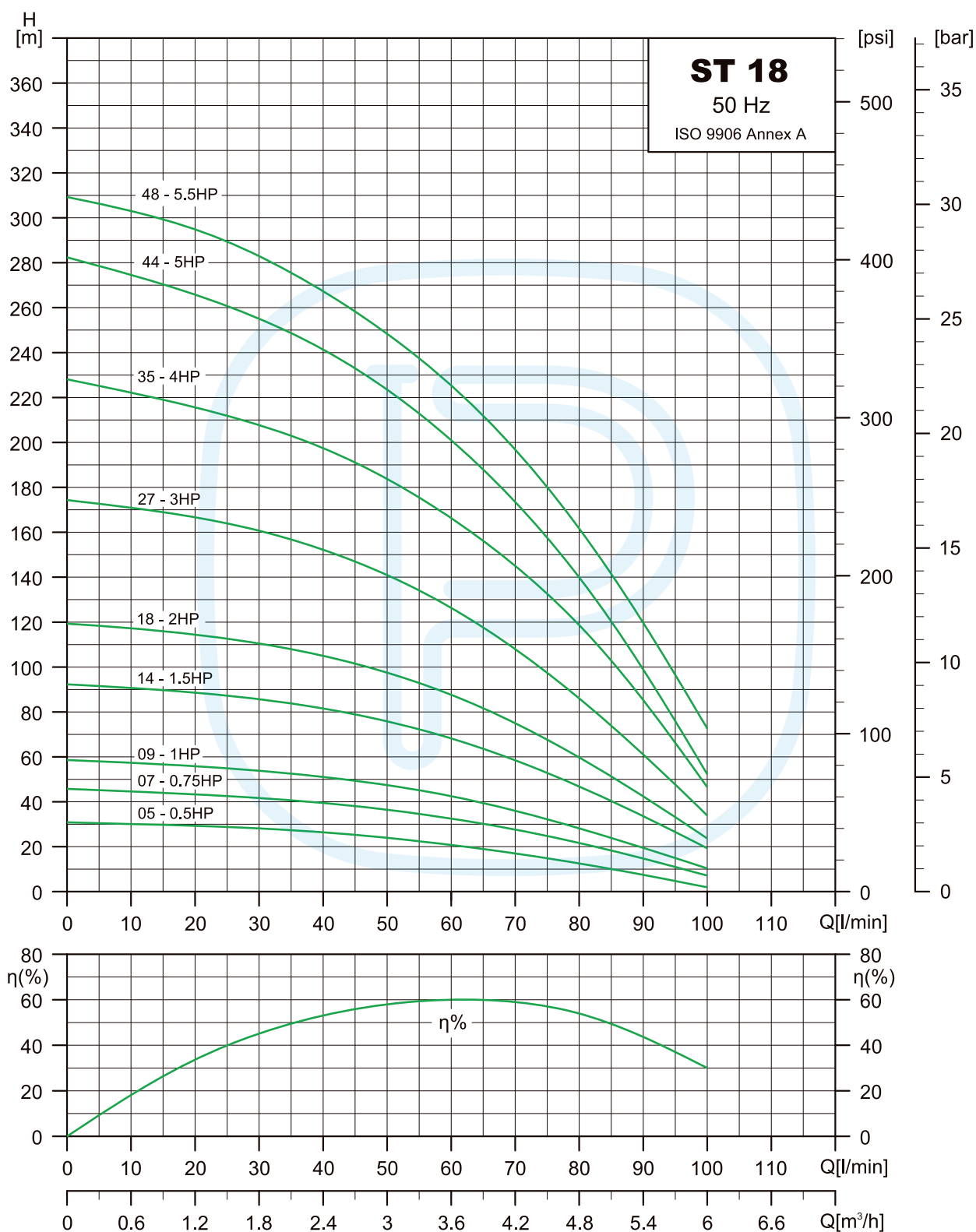




| Pump Type                     | Motor |      | Q        |     |     |     |     |     |     |     |     |     |     |
|-------------------------------|-------|------|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|                               | kW    | HP   | l/min    | 0   | 20  | 25  | 30  | 35  | 40  | 45  | 50  | 60  | 70  |
|                               |       |      | m³/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<br>(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             |

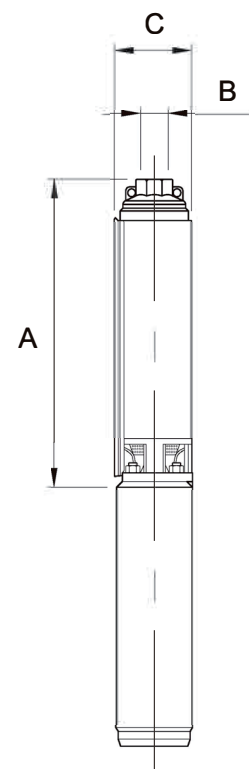


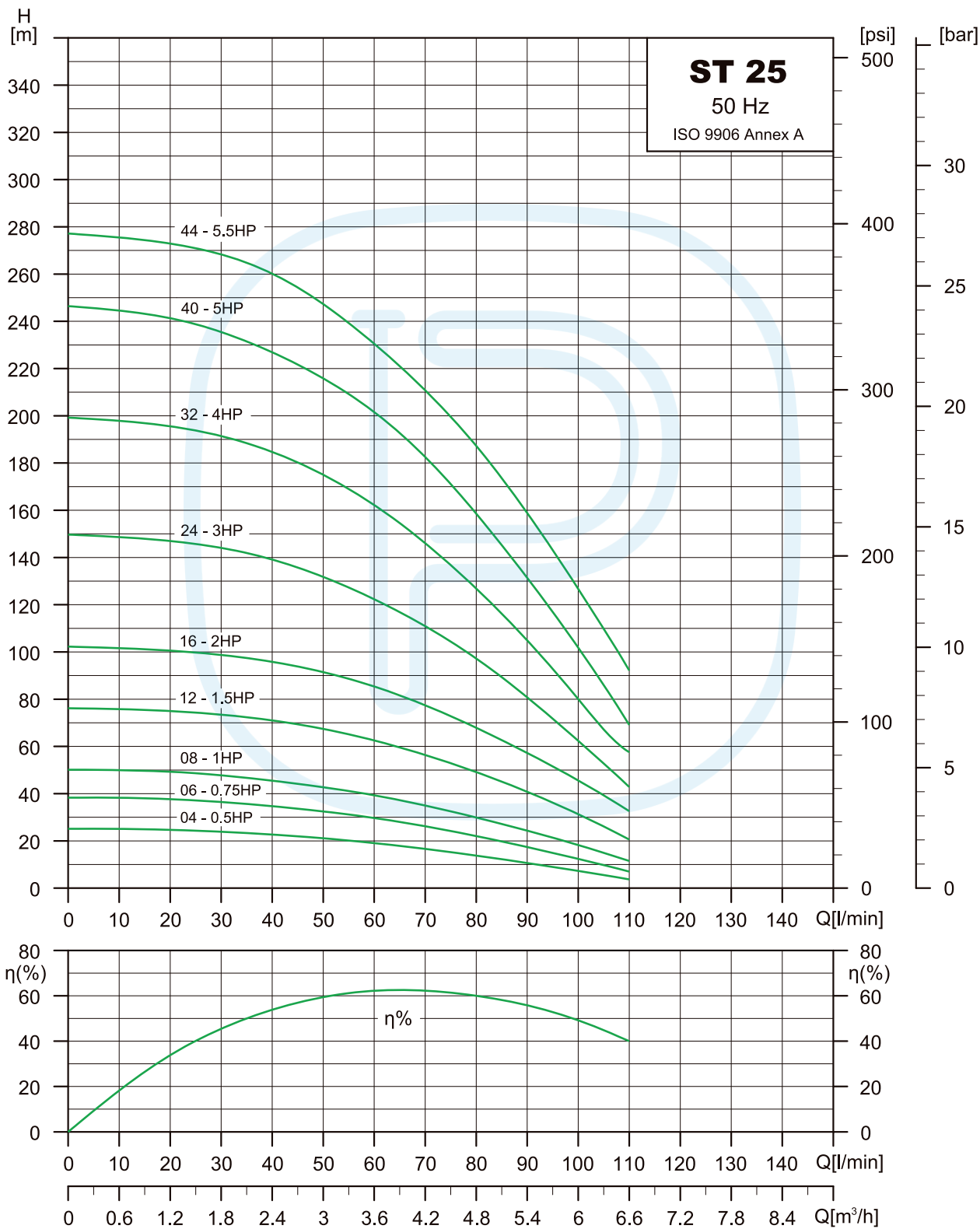


| Pump Type     | Motor |      | Q                 |     |     |     |     |     |     |     |     |     |     |     |     |
|---------------|-------|------|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|               | kW    | HP   | l/min             | 0   | 25  | 30  | 35  | 40  | 45  | 50  | 60  | 70  | 80  | 90  | 100 |
|               |       |      | m <sup>3</sup> /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<br>(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             |

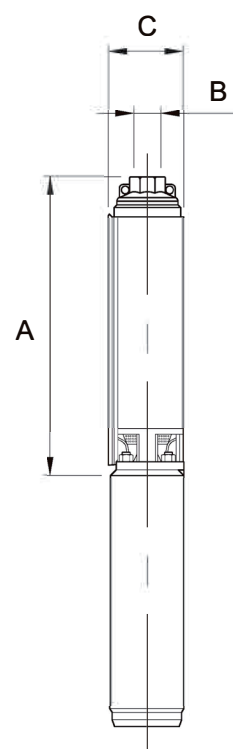


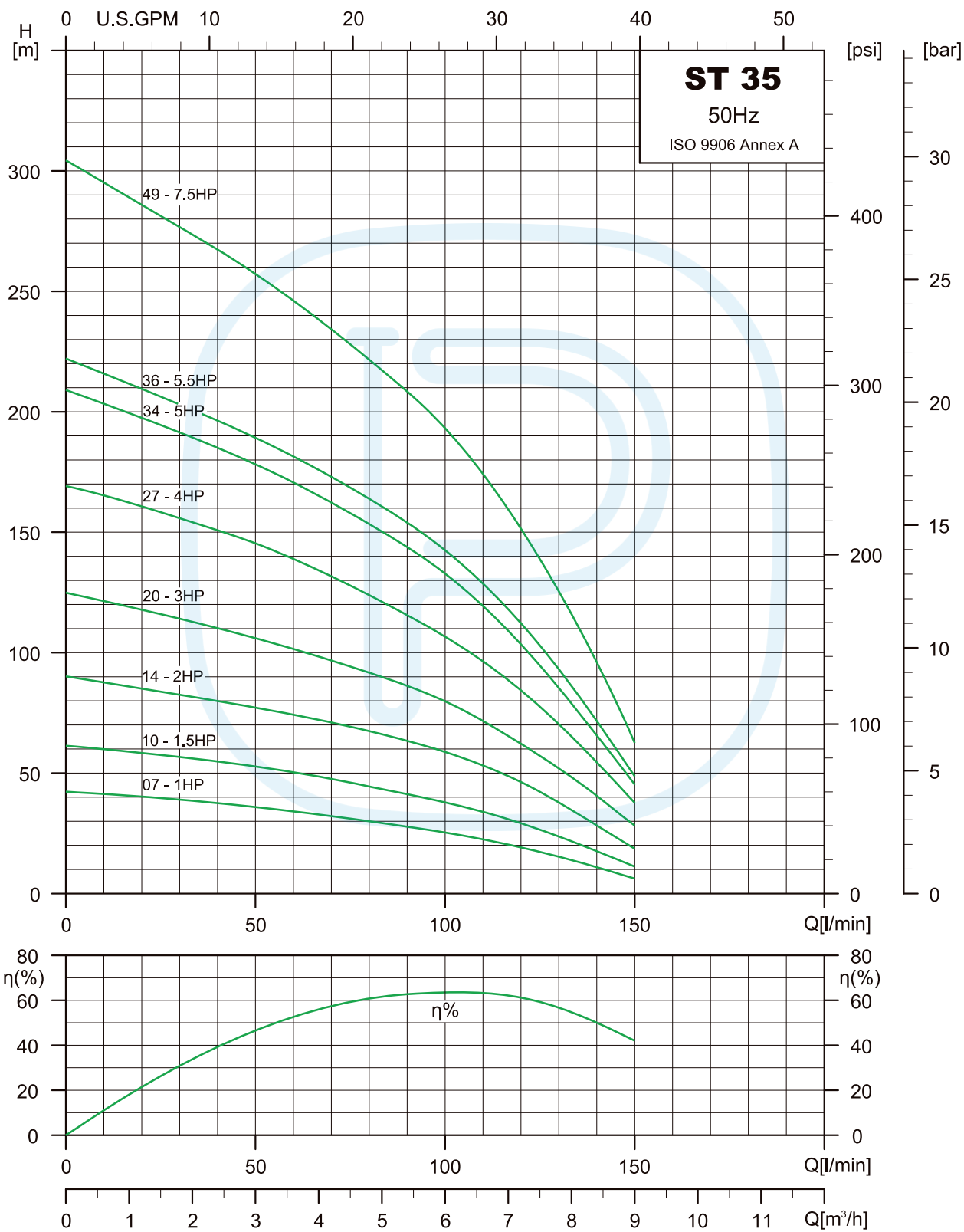


| Pump Type     | Motor |      | Q                 |     |     |     |     |     |     |     |     |     |     |
|---------------|-------|------|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|               | kW    | HP   | l/min             | 0   | 35  | 40  | 45  | 50  | 60  | 70  | 80  | 90  | 100 |
|               |       |      | m <sup>3</sup> /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<br>(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             |



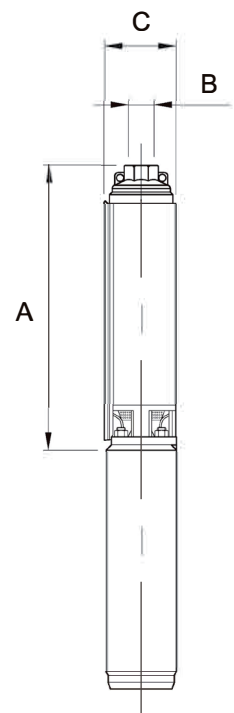


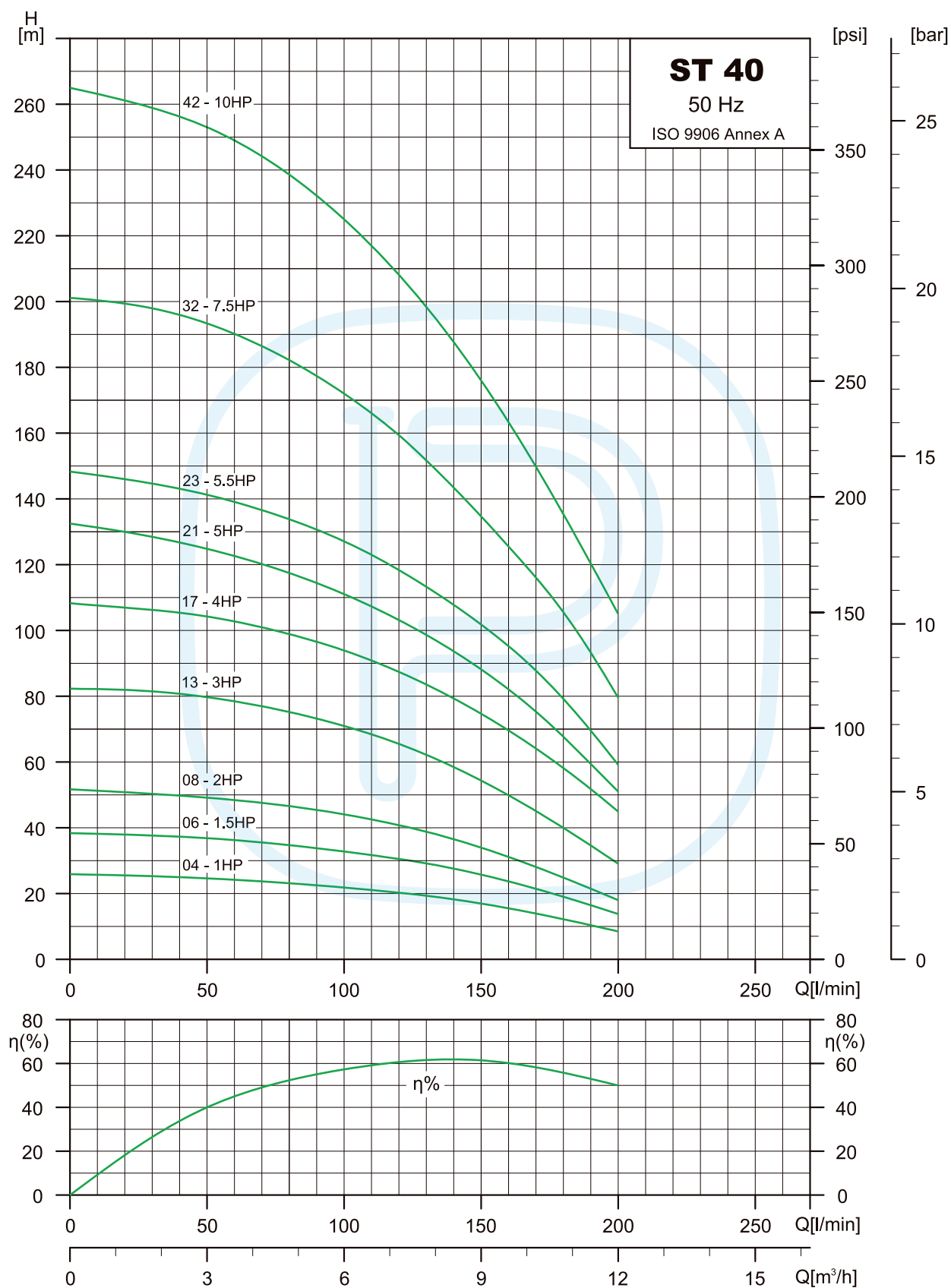


| Pump Type     | Motor |     | Q                 |     |     |     |     |     |     |     |     |     |
|---------------|-------|-----|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|               | kW    | HP  | l/min             | 0   | 50  | 60  | 70  | 80  | 90  | 100 | 120 | 140 |
|               |       |     | m <sup>3</sup> /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<br>(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             |

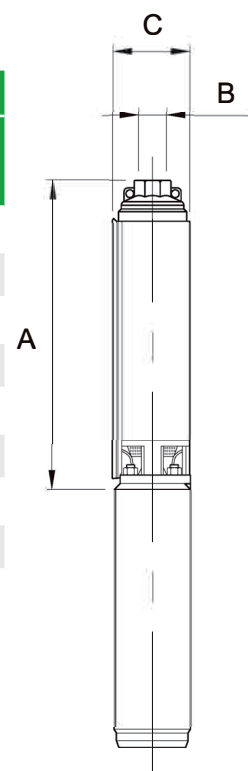


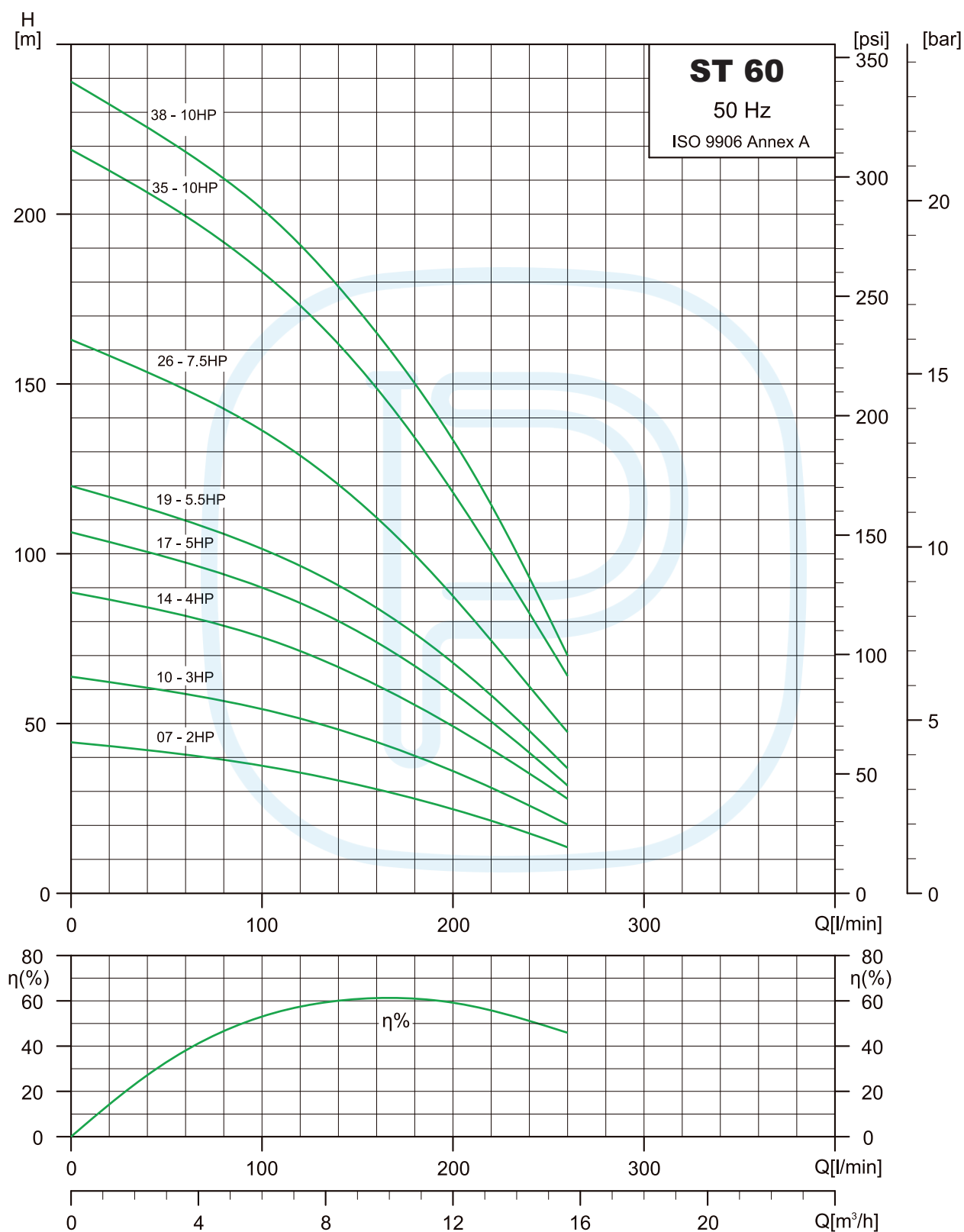


| Pump Type     | Motor |      | Q        |     |     |     |     |     |     |     |      |      |
|---------------|-------|------|----------|-----|-----|-----|-----|-----|-----|-----|------|------|
|               | kW    | HP   | l/min    | 0   | 80  | 90  | 100 | 120 | 140 | 160 | 180  | 200  |
|               |       |      | m³/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<br>(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             |



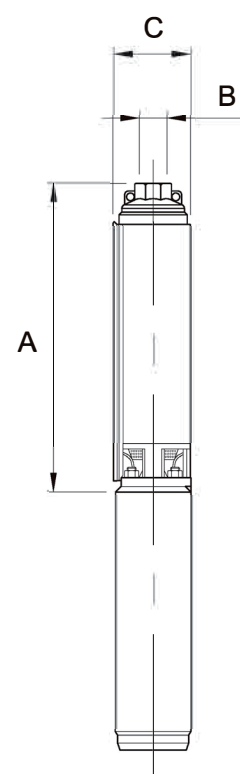


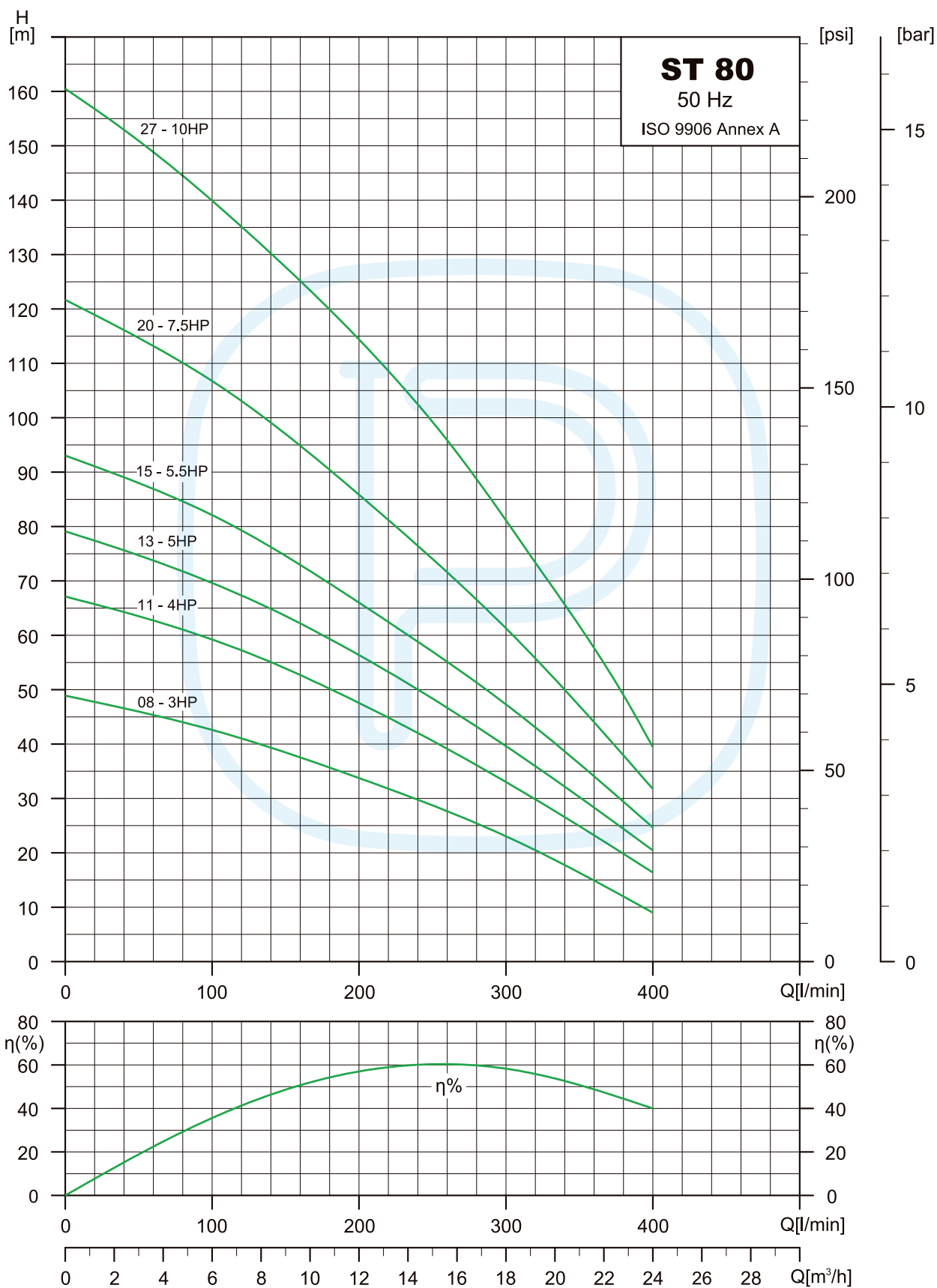
| Pump Type     | Motor |      | Q                 |     |     |     |     |     |      |      |      |      |      |
|---------------|-------|------|-------------------|-----|-----|-----|-----|-----|------|------|------|------|------|
|               | kW    | HP   | l/min             | 0   | 100 | 120 | 140 | 160 | 180  | 200  | 220  | 240  | 260  |
|               |       |      | m <sup>3</sup> /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<br>(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





| Pump Type                     | Motor |      | Q        |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |
|-------------------------------|-------|------|----------|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|
|                               | kW    | HP   | l/min    | 0   | 140 | 160 | 180  | 200  | 220  | 240  | 260  | 280  | 300  | 320  | 340  | 360  | 380  | 400  |
|                               |       |      | m³/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<br>(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

