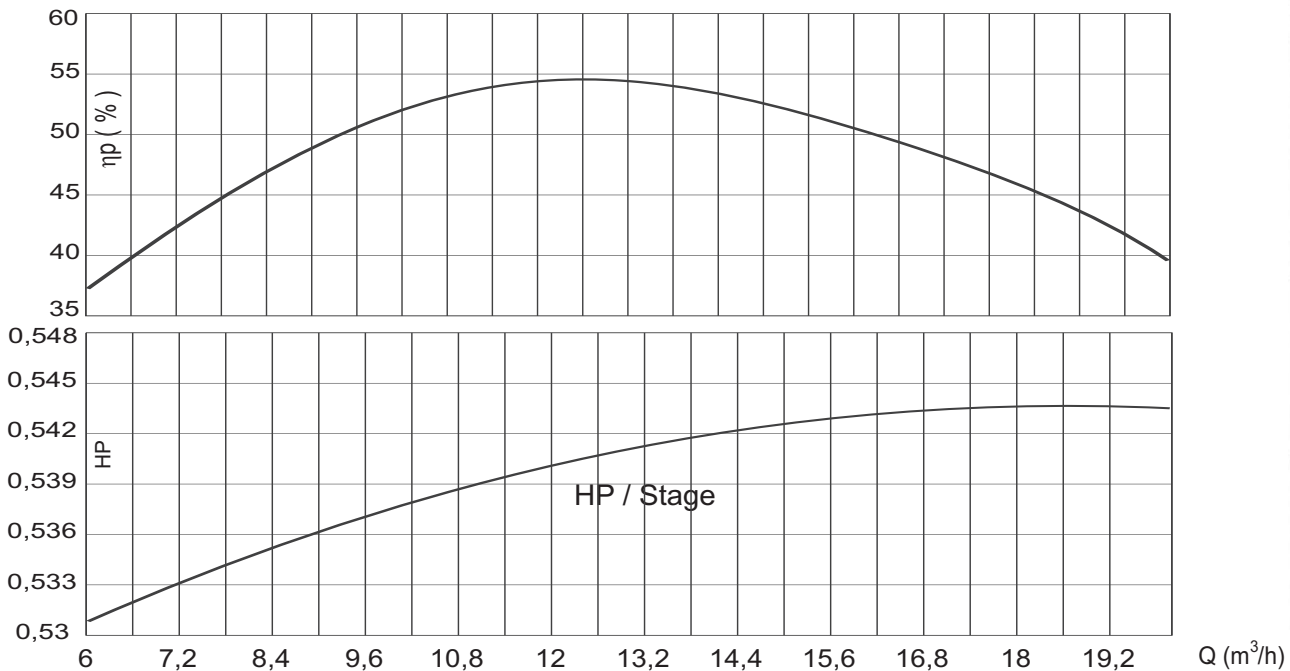
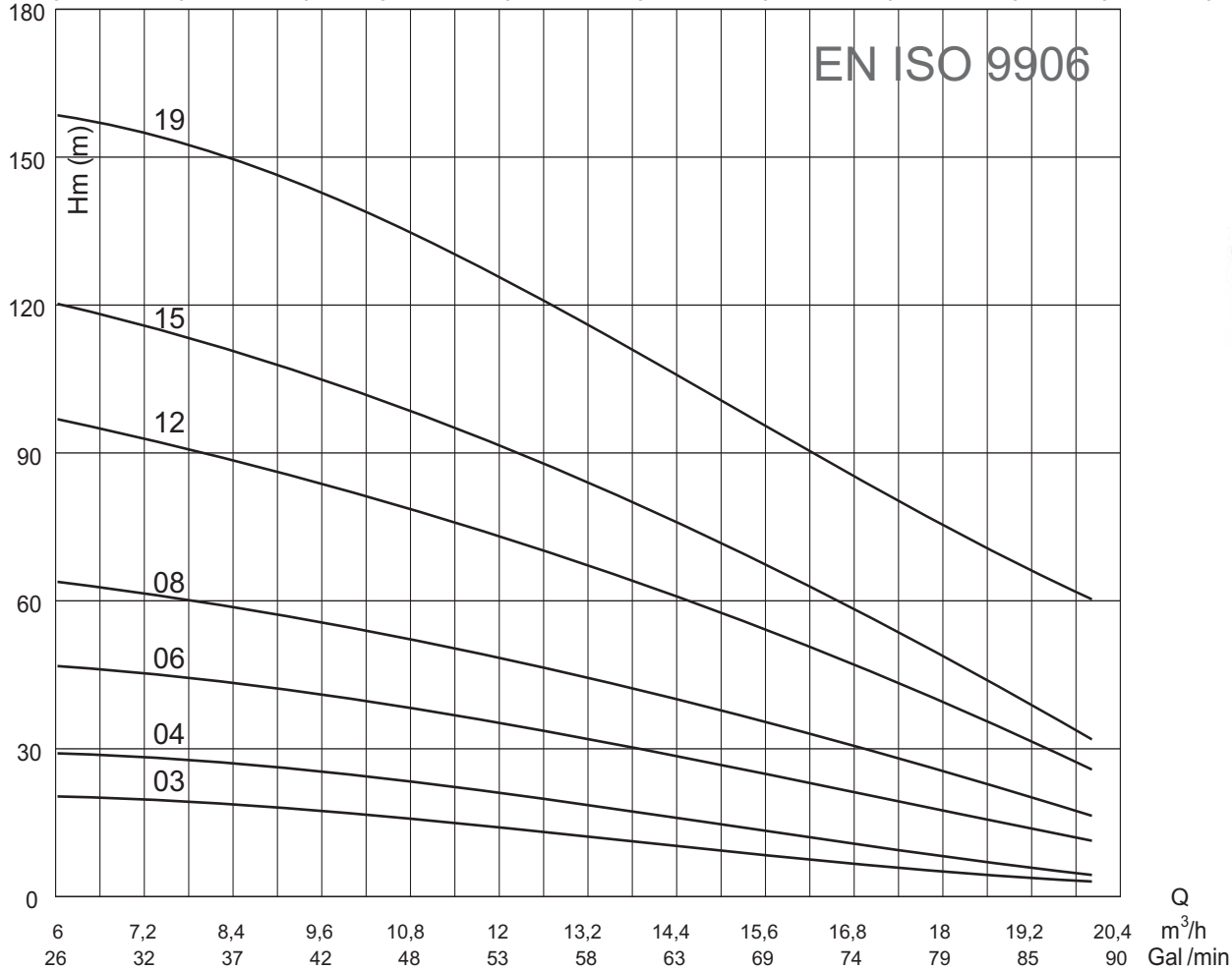


SUBMERSIBLE MOTOR & PUMP MOTEUR & POMPE IMMERGE

60 Hz

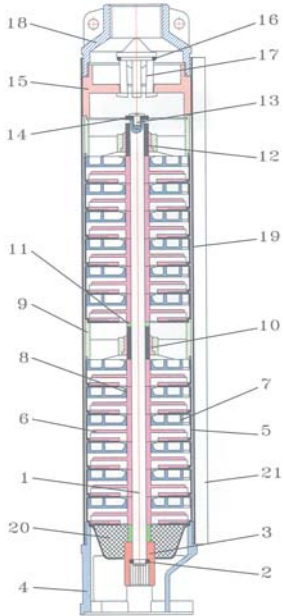
| | | | | |
|---|---|--|--|---------------------------|
| Outlet / Sortie 2" inside threaded 11 TPI 2" fileté interieur 11 TPI | Rotation CCW / Sens anti - horaire 3500 rpm / tours/min. | According to NEMA En accord norme NEMA | Shaft diameter Diamètre d'arbre Hexagonal 12 mm | Date 04.11.2008 |
| | | | | Rev. 0 |



SK 412 SERIES

60 Hz

TECHNICAL DRAWINGS AND CHARTS SCHEMAS ET DIAGRAMMES TECHNIQUES



| MATERIALS DESCRIPTION | | |
|-----------------------|----------------------|----------------------------|
| NO | PART NAME | MATERIAL |
| 1 | Shaft | Stainless steel (AISI 304) |
| 2 | Retainer | Stainless steel (AISI 304) |
| 3 | Coupling | Stainless steel (AISI 420) |
| 4 | Suction end | Stainless steel (AISI 304) |
| 5 | Body | Stainless steel (AISI 304) |
| 6 | Impeller | Polycarbonate |
| 7 | Diffuser | Noryl |
| 8 | Bearing housing | Resine |
| 9 | Bearing | Resine |
| 10 | Bushing | Polycarbonate |
| 11 | Bushing | Stainless steel (AISI 420) |
| 12 | Screw | Stainless steel (AISI 304) |
| 13 | Washer | Stainless steel (AISI 304) |
| 14 | Valve housing | Resine |
| 15 | Oring | Rubber |
| 16 | Valve | Resine |
| 17 | Valve body 2" 11 TPI | Stainless steel (AISI 304) |
| 18 | Housing | Stainless steel (AISI 304) |
| 19 | Strainer | Stainless steel (AISI 304) |
| 20 | Cable guard | Resine |

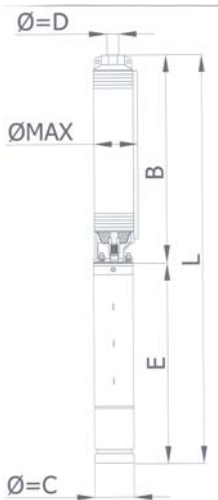
| DESCRIPTION MATERIAUX | |
|----------------------------------|-----------------------|
| NOM DE PIECE | MATERIEL |
| Arbre | Acier inox (AISI 304) |
| Segment d'arbre | Acier inox (AISI 304) |
| Accouplement | Acier inox (AISI 420) |
| Support | Acier inox (AISI 304) |
| Corps du diffuseur | Acier inox (AISI 304) |
| Roue | Polycarbonate |
| Diffuseur | Noryl |
| Coussinet | Resine |
| Coussinet | Resine |
| Coussinet | Polycarbonate |
| Coussinet | Acier inox (AISI 420) |
| Vis | Acier inox (AISI 304) |
| Rondelle | Acier inox (AISI 304) |
| Corps de soupape | Resine |
| Bague OR | Caoutchouc |
| Soupape | Resine |
| Corps du clapet 2" sortie 11 TPI | Acier inox (AISI 304) |
| Corps | Acier inox (AISI 304) |
| Crépine d'aspirant | Acier inox (AISI 304) |
| Gaine de câble | Resine |

OPTIONS

Suction End and Valve Body
Cast Iron or Technoplast
Motor-pump : Cooling shroud, Suction shroud

LES OPTIONS

Clapet et Aspiration
Fonte (GG25) ou Technoplast
Moteur & Pompe: Chemise de refroidissement, d'aspiration



| PUMP TYPE TYPE DE POMPE | MOTOR MOTEUR | | m ³ /h | Head in meters (m) Hauteur manométrique totale en metres | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|-----------------|-----|-------------------|---|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | HP | kW | | l/sn | 0,0 | 6,0 | 7,0 | 7,2 | 8,0 | 8,4 | 9,0 | 9,6 | 10,1 | 10,8 | 12,0 | 13,0 | 13,2 | 14,0 | 14,4 | 15,6 | 16,0 | 16,8 | 17,0 | 18,0 | 19,0 |
| SK 412 / 03 | 1,5 | 1,1 | | 23 | 20 | 20 | 20 | 19 | 19 | 18 | 17 | 17 | 16 | 14 | 12 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 |
| SK 412 / 04 | 2 | 1,5 | | 32 | 29 | 29 | 28 | 28 | 27 | 26 | 25 | 24 | 23 | 21 | 19 | 19 | 18 | 16 | 14 | 13 | 10 | 9 | 8 | 6 | 5 |
| SK 412 / 06 | 3 | 2,2 | | 51 | 47 | 46 | 45 | 44 | 43 | 42 | 41 | 40 | 38 | 35 | 33 | 32 | 30 | 29 | 25 | 24 | 21 | 20 | 17 | 14 | 12 |
| SK 412 / 08 | 4 | 3 | | 69 | 64 | 62 | 62 | 60 | 58 | 57 | 55 | 54 | 52 | 48 | 46 | 45 | 42 | 41 | 35 | 34 | 30 | 29 | 25 | 21 | 17 |
| SK 412 / 12 | 5,5 | 4 | | 103 | 97 | 94 | 94 | 91 | 87 | 85 | 83 | 81 | 79 | 73 | 70 | 69 | 64 | 62 | 52 | 50 | 47 | 46 | 38 | 34 | 26 |
| SK 412 / 15 | 7,5 | 5,5 | | 128 | 120 | 118 | 117 | 113 | 109 | 107 | 104 | 102 | 99 | 91 | 87 | 85 | 80 | 77 | 68 | 63 | 57 | 56 | 48 | 42 | 32 |
| SK 412 / 19 | 10 | 7,5 | | 168 | 159 | 155 | 154 | 152 | 150 | 147 | 142 | 140 | 136 | 126 | 117 | 115 | 109 | 105 | 96 | 92 | 85 | 84 | 76 | 69 | 59 |



| PUMP TYPE TYPE DE POMPE | MOTOR MOTEUR | | Gal/min | Head (feet) Hauteur manométrique totale en feet | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|-----------------|-----|---------|--|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | HP | kW | | m3/h | 0,0 | 6,0 | 7,0 | 7,2 | 8,0 | 8,4 | 9,0 | 9,6 | 10,1 | 10,8 | 12,0 | 13,0 | 13,2 | 14,0 | 14,4 | 15,6 | 16,0 | 16,8 | 17,0 | 18,0 | 19,0 |
| SK 412 / 03 | 1,5 | 1,1 | | 75 | 66 | 66 | 66 | 62 | 62 | 59 | 56 | 56 | 52 | 46 | 39 | 39 | 36 | 33 | 30 | 26 | 23 | 20 | 16 | 13 | 10 |
| SK 412 / 04 | 2 | 1,5 | | 105 | 95 | 95 | 92 | 92 | 89 | 85 | 82 | 79 | 75 | 69 | 62 | 62 | 59 | 52 | 46 | 43 | 33 | 30 | 26 | 20 | 16 |
| SK 412 / 06 | 3 | 2,2 | | 167 | 154 | 151 | 148 | 144 | 141 | 138 | 134 | 131 | 125 | 115 | 108 | 105 | 98 | 95 | 82 | 79 | 69 | 66 | 56 | 46 | 39 |
| SK 412 / 08 | 4 | 3 | | 226 | 210 | 203 | 203 | 197 | 190 | 187 | 180 | 177 | 171 | 157 | 151 | 148 | 138 | 134 | 115 | 112 | 98 | 95 | 82 | 69 | 56 |
| SK 412 / 12 | 5,5 | 4 | | 336 | 318 | 308 | 308 | 297 | 286 | 279 | 272 | 265 | 258 | 240 | 229 | 225 | 211 | 204 | 172 | 165 | 154 | 150 | 125 | 111 | 86 |
| SK 412 / 15 | 7,5 | 5,5 | | 418 | 394 | 387 | 383 | 369 | 358 | 351 | 341 | 334 | 323 | 299 | 285 | 278 | 264 | 253 | 221 | 207 | 186 | 183 | 158 | 137 | 105 |
| SK 412 / 19 | 10 | 7,5 | | 551 | 522 | 508 | 505 | 499 | 492 | 482 | 466 | 459 | 446 | 413 | 384 | 377 | 358 | 344 | 315 | 302 | 279 | 276 | 249 | 226 | 194 |