

XV4-180



Submersible pumps 4"

Description

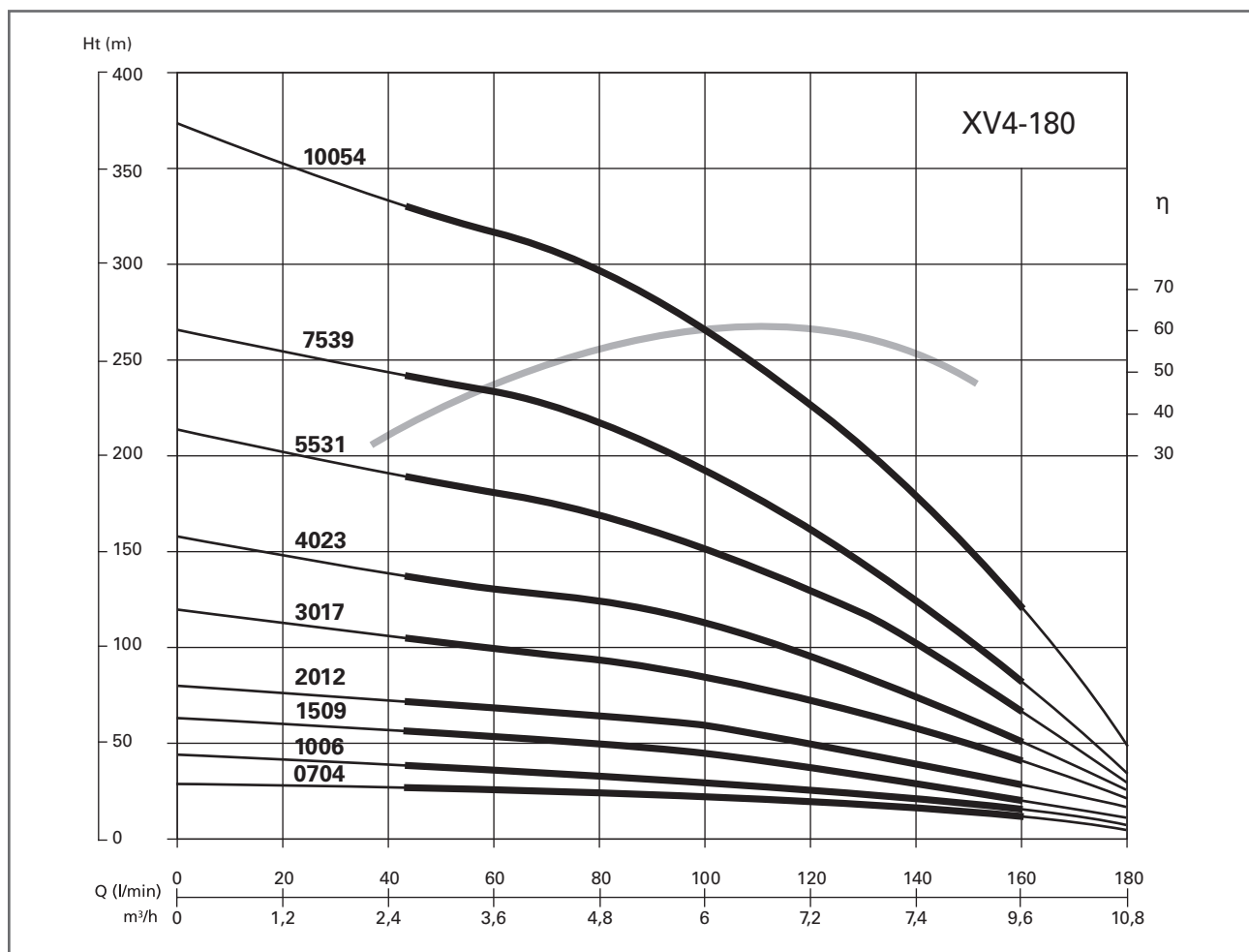
Submersible pumps 4" with motor – Ø 2" outlet connectors

Applications

- Suitable for clean water
- For agricultural installation
- Irrigation
- Industrial and domestic pressurizing systems
- Sand content: Max 180 g/m³

Materials

- Pump body, upper and lower closure: Stainless steel AISI 304
- Motor body, lower closure: Stainless steel AISI 304
- Upper motor body closure: Stainless steel AISI 304
- Motor shaft: Stainless steel AISI 304
- Mechanical seal: Graphite / ceramic
- Diffusers and Impellers: Noryl

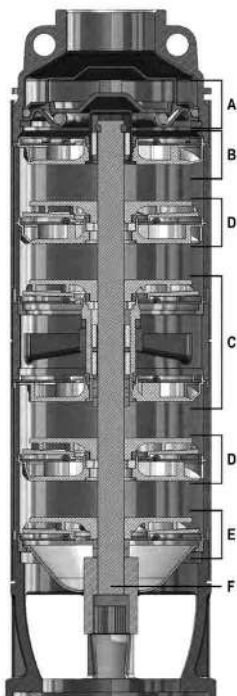


Curves and performance $\eta = 2900$ 1/min

XV4 - 180

| Code | P ₂ Nom. | | 1 ~ 50Hz Amp. | 3 ~ 50Hz Amp. | Stages | Q (lit/m) Flow | | | | | | Dimensions mm | | | Weight kg | | |
|------------|---------------------|------|---------------|---------------|--------|----------------|-----|----|-----|-----|-----|---------------|------|----|-----------|------|------|
| | kW | Hp | 230 V | 380 V | | 0 | 50 | 70 | 110 | 140 | 180 | A | | B | C | 1-PH | 3-PH |
| | | | | | | | | | | | | 1-PH | 3-PH | | | | |
| XV41800704 | 0,55 | 0,75 | 4,7 | - | 4 | 27 | 22 | 21 | 17 | 12 | 4 | 664 | - | 2" | 98 | 11,9 | - |
| XV41801006 | 0,75 | 1 | 5,9 | - | 6 | 40 | 34 | 32 | 26 | 18 | 6 | 760 | - | | 98 | 13,6 | - |
| XV41801509 | 1,1 | 1,5 | 8,6 | - | 9 | 60 | 51 | 47 | 39 | 28 | 9 | 894 | - | | 98 | 15,7 | - |
| XV41802012 | 1,5 | 2 | 10,7 | - | 12 | 77 | 66 | 63 | 52 | 37 | 12 | 1037 | - | | 98 | 18,1 | - |
| XV41803017 | 2,2 | 3 | 14,8 | - | 17 | 116 | 100 | 94 | 77 | 55 | 18 | 1319 | - | | 98 | 24,3 | - |

| | | | | | | | | | | | | | | | | | | |
|--------|--------------|------|------|---|------|----|-----|-----|-----|-----|-----|----|---|------|----|----|---|------|
| 3 - HP | XV41800704T | 0,55 | 0,75 | - | 1,85 | 4 | 27 | 22 | 21 | 17 | 12 | 4 | - | 639 | 2" | 98 | - | 10,7 |
| | XV41801006T | 0,75 | 1 | - | 2,2 | 6 | 40 | 34 | 32 | 26 | 18 | 6 | - | 733 | | 98 | - | 12,1 |
| | XV41801509T | 1,1 | 1,5 | - | 3,0 | 9 | 60 | 51 | 47 | 39 | 28 | 9 | - | 871 | | 98 | - | 14,9 |
| | XV41802012T | 1,5 | 2 | - | 4,1 | 12 | 77 | 66 | 63 | 52 | 37 | 12 | - | 998 | | 98 | - | 16,1 |
| | XV41803017T | 2,2 | 3 | - | 5,6 | 17 | 116 | 100 | 94 | 77 | 55 | 18 | - | 1221 | | 98 | - | 19,4 |
| | XV41804023T | 3 | 4 | - | 7,5 | 23 | 154 | 133 | 125 | 103 | 74 | 24 | - | 4532 | | 98 | - | 24,0 |
| | XV41805531T | 4 | 5,5 | - | 9,8 | 31 | 210 | 184 | 173 | 140 | 101 | 27 | - | 1926 | | 98 | - | 30,3 |
| | XV41807539T | 5,5 | 7,5 | - | 12,7 | 39 | 266 | 238 | 224 | 178 | 124 | 31 | - | 2315 | | 98 | - | 39,2 |
| | XV418010054T | 7,5 | 10 | - | 16,9 | 54 | 370 | 325 | 305 | 248 | 179 | 47 | - | 2954 | | 98 | - | 48,2 |



| Component | Description | Material |
|------------------------|-----------------------------|-----------------------|
| A valve | o-ring | NBR |
| | lid shutter | SS 304 |
| | shutter guide | POMc |
| | shutter support and seeger | SS 304 |
| B upper support | complete diffuser with disc | POMc + A/203 + SS 304 |
| | bushing and bush | POMc + A/203 |
| | seeger | A/203 |
| C intermediate support | complete diffuser with disc | POMc + A/203 + SS 304 |
| | impeller | POMc |
| | bushing and 2x bushes | POMc + A/203 |
| | intermediate support | SS 304 |
| D stage | complete diffuser with disc | POMc + A/203 + SS 304 |
| | impeller | POMc |
| E first stage | centering ring | POMc |
| | disc and grill | SS 304 |
| | first impeller with spacers | POMc |
| F shaft with coupling | tree | SS 431B |
| | seeger and support | POMc |
| | joint | SS 316L |
| G cable cover | screws | SS 304 |
| | cable cover | SS 304 |

