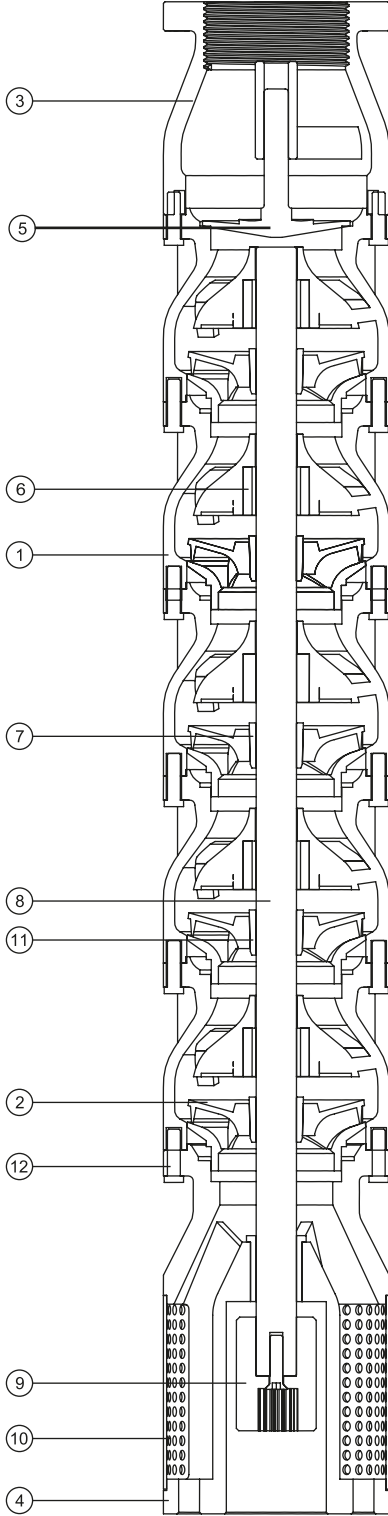


Teknik Bilgi / Technical Data

Karışık Akışlı 6" Döküm Gövdeli Dalgıç Pompa  
Mixed Flow 6" Cast Iron Submersible Pump

Parça Listesi / Part List



USP 5F, USP 6, USP 7, USP 8, USP 10 SERIES

| No. | Pompa Parçası<br>Pump Components | Standart Malzeme<br>Standard Material      | İsteğe Bağlı Malzeme<br>Optional Material                                                        |
|-----|----------------------------------|--------------------------------------------|--------------------------------------------------------------------------------------------------|
| 1   | Gövde/Difüzör<br>Bowl / Diffuser | Kır Döküm - GG 25<br>Grey Iron - GG 25     | Paslanmaz AISI 304-316<br>Bronz G - Cu - Sn 10<br>SS. Cast AISI 304-316<br>Bronze G - Cu - Sn 10 |
| 2   | Fan<br>Impeller                  |                                            |                                                                                                  |
| 3   | Çıkış Gövdesi<br>Delivery Case   |                                            |                                                                                                  |
| 4   | Emiş Gövdesi<br>Suction case     |                                            |                                                                                                  |
| 5   | Klape<br>Valve                   | Delrin                                     |                                                                                                  |
| 6   | Yataklama Burcu<br>Bearing Bush  | Kauçuk + Bronz<br>Nitrile Rubber + Bronze  | -----                                                                                            |
| 7   | Mil Kaması<br>Shaft Sleeve       | Paslanmaz AISI 420<br>Cr Steel AISI 420    | Paslanmaz AISI 304-316<br>Cr-Ni Steel AISI 304-316                                               |
| 8   | Mil<br>Shaft                     | Paslanmaz AISI 420<br>Cr Steel AISI 420    |                                                                                                  |
| 9   | Kaplin<br>Couple                 | Paslanmaz AISI 420<br>Cr Steel AISI 420    |                                                                                                  |
| 10  | Filtre<br>Strainer               | Paslanmaz AISI 304<br>Cr-Ni Steel AISI 304 | Paslanmaz AISI 316<br>Cr-Ni Steel AISI 316                                                       |
| 11  | Fan Koniği<br>Bushing            | Paslanmaz AISI 410<br>Cr. Steel AISI 410   |                                                                                                  |
| 12  | Civatalar<br>Bolts               | Din 933                                    |                                                                                                  |

Teknik Bilgi / Technical Data

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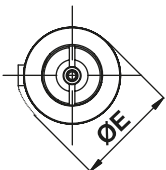
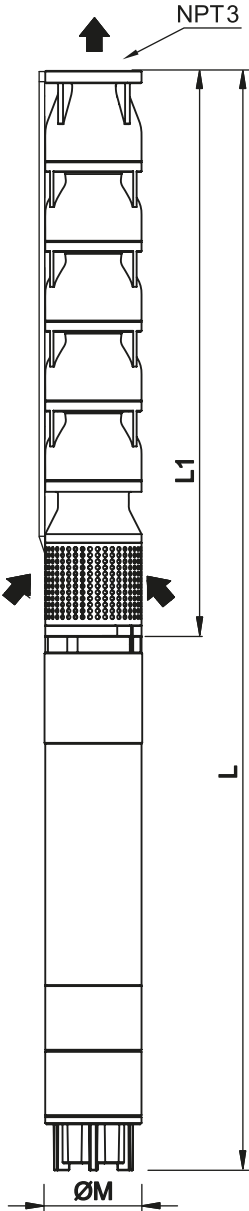
|                                                     |                  |                                                                              |         |                                             |                                       |
|-----------------------------------------------------|------------------|------------------------------------------------------------------------------|---------|---------------------------------------------|---------------------------------------|
| Fan Tipi<br>Impeller Type                           | Karışık<br>Mixed | Maks.Randımında H (tek kd.)<br>Max.Flow Rate In H [single stage]             | 9.75 m  | Çalışma Ortamı<br>Operating Environment     | Temiz Su<br>Clear Water<br>ph 6,5-8,0 |
| Maks.Randıman<br>Max.Efficiency                     | 66.0%            | Maks.Randımında Güç(P2)(tek kd.)<br>Max.Flow Rate In Power(P2)[single stage] | 1.20 kW | Maks. Çalışma Sıcaklığı<br>Max. Temperature | 30 °C                                 |
| Maks.Randımında Debi<br>Max.Flow Rate In Efficiency | 8.33 l/s         | Maks. Güç(P2)(tek kd.)<br>Max. Power(P2)[single stage]                       | 1.25 kW | Maks. Katı Madde<br>Max. Solid Material     | 50 gr/m³                              |

Performans Tablosu / Performance Chart

| Pompa Tipi<br><i>Pump Type</i> | Motor<br>Tipi<br><i>Type</i> | HP   | kW   | Nominal<br>Akım<br><i>Current</i> | Q     | n = 2900 $\frac{d}{d}$<br>rpm |      |      |      |      |      |       |  |
|--------------------------------|------------------------------|------|------|-----------------------------------|-------|-------------------------------|------|------|------|------|------|-------|--|
|                                |                              |      |      |                                   | l/sec | 0                             | 3.33 | 5.00 | 6.67 | 8.33 | 10.0 | 11.67 |  |
|                                |                              |      |      |                                   | m³/h  | 0                             | 12.0 | 18.0 | 24.0 | 30.0 | 36.0 | 42.0  |  |
| 380V                           |                              |      |      |                                   | l/min | 0                             | 200  | 300  | 400  | 500  | 600  | 700   |  |
| USP 6 D/3                      | USM 6005                     | 5.50 | 4.00 | 10.3                              |       | 39                            | 38   | 37   | 34   | 30   | 25   | 18    |  |
| USP 6 D/4                      | USM 6007                     | 7.50 | 5.50 | 13.6                              |       | 52                            | 50   | 49   | 45   | 40   | 33   | 25    |  |
| USP 6 D/5                      | USM 6010                     | 10.0 | 7.50 | 17.3                              |       | 65                            | 63   | 61   | 56   | 49   | 41   | 31    |  |
| USP 6 D/6                      | USM 6010                     | 10.0 | 7.50 | 17.3                              |       | 78                            | 75   | 73   | 67   | 59   | 49   | 37    |  |
| USP 6 D/7                      | USM 6012                     | 12.5 | 9.20 | 21.0                              |       | 91                            | 88   | 85   | 78   | 68   | 57   | 43    |  |
| USP 6 D/8                      | USM 6012                     | 12.5 | 9.20 | 21.0                              |       | 104                           | 100  | 97   | 90   | 78   | 65   | 49    |  |
| USP 6 D/9                      | USM 6015                     | 15.0 | 11.0 | 25.0                              |       | 117                           | 113  | 110  | 99   | 88   | 74   | 55    |  |
| USP 6 D/10                     | USM 6020                     | 13.0 | 17.5 | 29.0                              |       | 130                           | 125  | 122  | 112  | 98   | 82   | 61    |  |
| USP 6 D/11                     | USM 6020                     | 20.0 | 15.0 | 33.0                              |       | 143                           | 138  | 134  | 123  | 108  | 90   | 67    |  |
| USP 6 D/12                     | USM 6020                     | 20.0 | 15.0 | 33.0                              | H     | 157                           | 150  | 146  | 135  | 117  | 99   | 74    |  |
| USP 6 D/13                     | USM 6025                     | 25.0 | 18.5 | 42.0                              | m     | 170                           | 163  | 158  | 146  | 127  | 106  | 80    |  |
| USP 6 D/14                     | USM 6025                     | 25.0 | 18.5 | 42.0                              |       | 183                           | 176  | 170  | 157  | 137  | 114  | 86    |  |
| USP 6 D/15                     | USM 6025                     | 25.0 | 18.5 | 42.0                              |       | 196                           | 189  | 183  | 168  | 147  | 123  | 92    |  |
| USP 6 D/16                     | USM 6030                     | 30.0 | 22.0 | 49.8                              |       | 209                           | 202  | 195  | 179  | 157  | 131  | 98    |  |
| USP 6 D/17                     | USM 6030                     | 30.0 | 22.0 | 49.8                              |       | 222                           | 215  | 207  | 190  | 166  | 139  | 104   |  |
| USP 6 D/18                     | USM 6030                     | 30.0 | 22.0 | 49.5                              |       | 235                           | 228  | 219  | 201  | 175  | 147  | 110   |  |
| USP 6 D/19                     | USM 6035                     | 35.0 | 26.0 | 56.0                              |       | 248                           | 240  | 231  | 213  | 155  | 155  | 116   |  |
| USP 6 D/20                     | USM 6035                     | 35.0 | 26.0 | 56.0                              |       | 261                           | 252  | 243  | 224  | 195  | 163  | 123   |  |
| USP 6 D/21                     | USM 6035                     | 35.0 | 26.0 | 56.0                              |       | 274                           | 264  | 256  | 235  | 205  | 172  | 129   |  |
| USP 6 D/22                     | USM 6040                     | 40.0 | 30.0 | 63.0                              |       | 287                           | 277  | 268  | 247  | 215  | 180  | 135   |  |
| USP 6 D/24                     | USM 6040                     | 40.0 | 30.0 | 63.0                              |       | 313                           | 302  | 292  | 268  | 234  | 196  | 147   |  |

Ölçüler & Ağırlıklar  
Dimensions & Weights

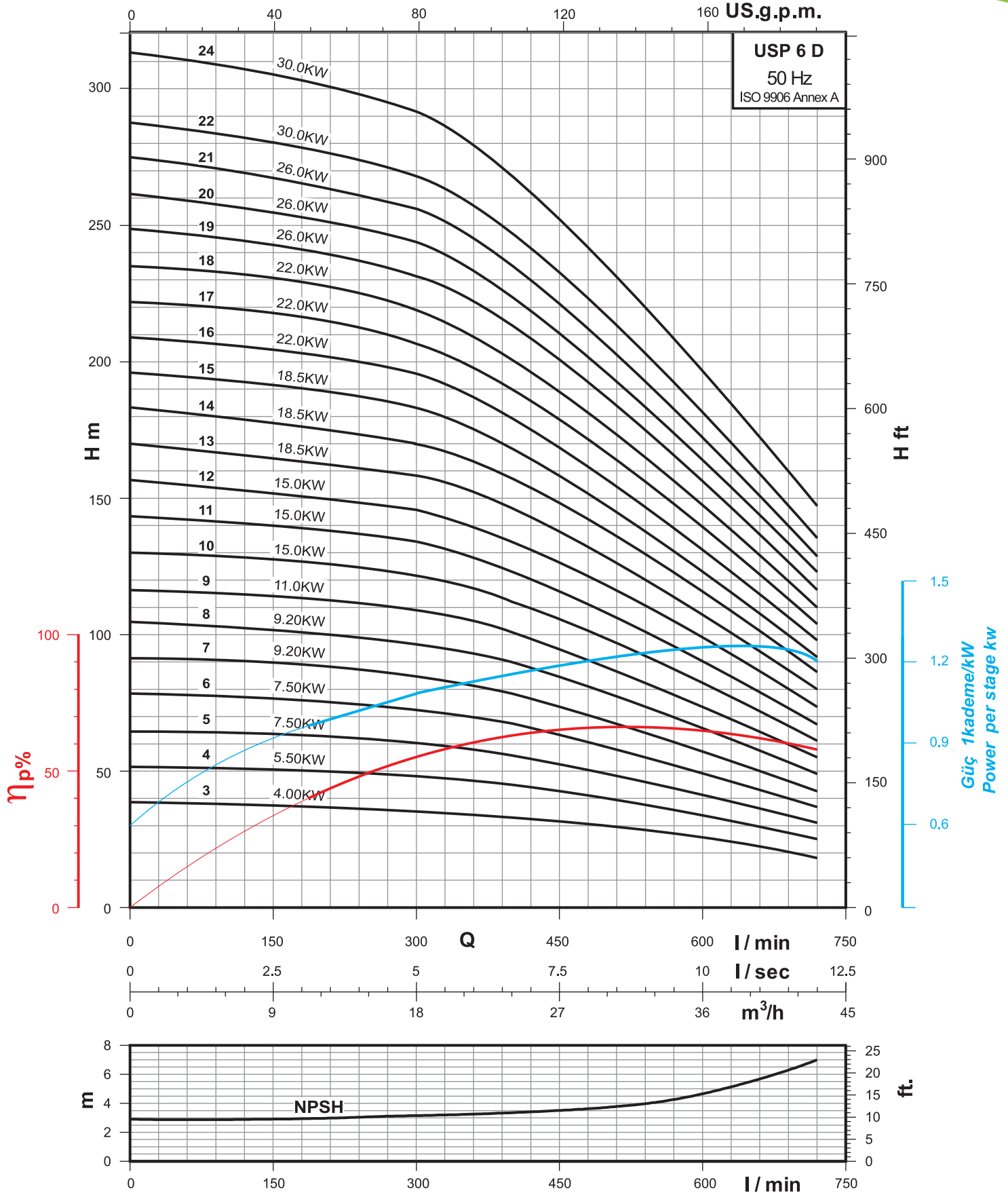
| Pompa + Motor<br>Pump + Motor | ØM<br>(mm) | ØE<br>(mm) | Boy<br>Length (mm) |      | Ağırlık<br>Net Weight (kg) |              |
|-------------------------------|------------|------------|--------------------|------|----------------------------|--------------|
|                               |            |            | L1                 | L    | Pump                       | Pump + Motor |
| USP 6 D/3 + USM 6005          | 145        | 152        | 715                | 1315 | 33.0                       | 78.0         |
| USP 6 D/4 + USM 6007          | 145        | 152        | 835                | 1490 | 40.0                       | 90.0         |
| USP 6 D/5 + USM 6010          | 145        | 152        | 955                | 1670 | 47.0                       | 102.0        |
| USP 6 D/6 + USM 6010          | 145        | 152        | 1075               | 1790 | 54.0                       | 109.0        |
| USP 6 D/7 + USM 6012          | 145        | 152        | 1195               | 1950 | 61.0                       | 120.0        |
| USP 6 D/8 + USM 6012          | 145        | 152        | 1315               | 2070 | 68.0                       | 127.0        |
| USP 6 D/9 + USM 6015          | 145        | 152        | 1435               | 2230 | 75.0                       | 139.0        |
| USP 6 D/10 + USM 6020         | 145        | 152        | 1555               | 2475 | 82.0                       | 158.0        |
| USP 6 D/11 + USM 6020         | 145        | 152        | 1675               | 2595 | 89.0                       | 165.0        |
| USP 6 D/12 + USM 6020         | 145        | 152        | 1795               | 2715 | 96.0                       | 172.0        |
| USP 6 D/13 + USM 6025         | 145        | 152        | 1915               | 2930 | 103.0                      | 189.0        |
| USP 6 D/14 + USM 6025         | 145        | 152        | 2035               | 3050 | 110.0                      | 196.0        |
| USP 6 D/15 + USM 6025         | 145        | 152        | 2155               | 3170 | 117.0                      | 203.0        |
| USP 6 D/16 + USM 6030         | 145        | 152        | 2275               | 3370 | 124.0                      | 219.0        |
| USP 6 D/17 + USM 6030         | 145        | 152        | 2395               | 3490 | 131.0                      | 226.0        |
| USP 6 D/18 + USM 6030         | 145        | 152        | 2515               | 3610 | 138.0                      | 233.0        |
| USP 6 D/19 + USM 6035         | 145        | 152        | 2635               | 3780 | 145.0                      | 245.0        |
| USP 6 D/20 + USM 6035         | 145        | 152        | 2755               | 3900 | 152.0                      | 252.0        |
| USP 6 D/21 + USM 6035         | 145        | 152        | 2875               | 4020 | 159.0                      | 259.0        |
| USP 6 D/22 + USM 6040         | 145        | 152        | 2995               | 4240 | 166.0                      | 275.0        |
| USP 6 D/24 + USM 6040         | 145        | 152        | 3235               | 4480 | 180.0                      | 289.0        |



Performans Eğrisi / Performance Curves

Karışık Akışlı 6" Döküm Gövdeli Dalgıç Pompa

Mixed Flow 6" Cast Iron Submersible Pump



Performans eğrileri 15 °C sıcaklıkta, 1 atm. basınç altında, fiziksel değerleri kinematik viskozite  $\nu = 1 \text{ mm}^2/\text{s}$  ve yoğunluk  $\rho = 1000 \text{ kg/m}^3$  olan temiz su baz alınarak hazırlanmıştır.  
Performance curves are based on temp. 15 °C, with pressure 1 atm., physical values kinematic viscosity  $\nu = 1 \text{ mm}^2/\text{s}$  and density  $\rho = 1000 \text{ kg/m}^3$ .  
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