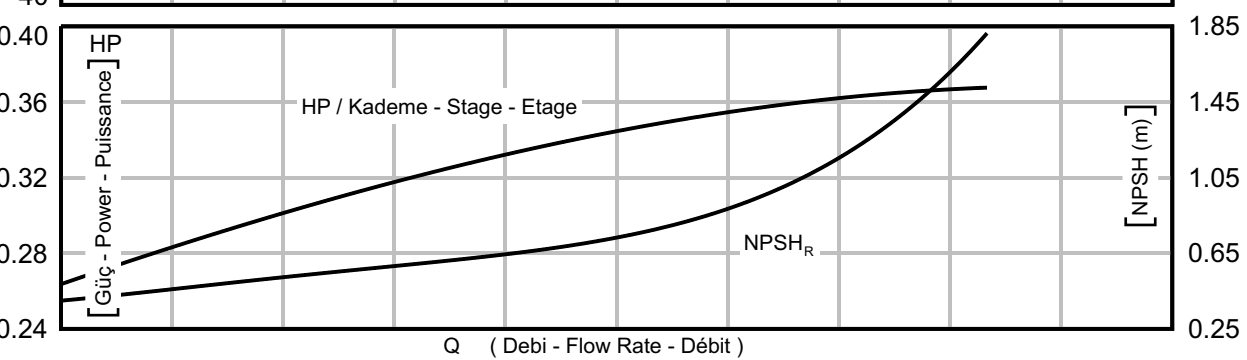
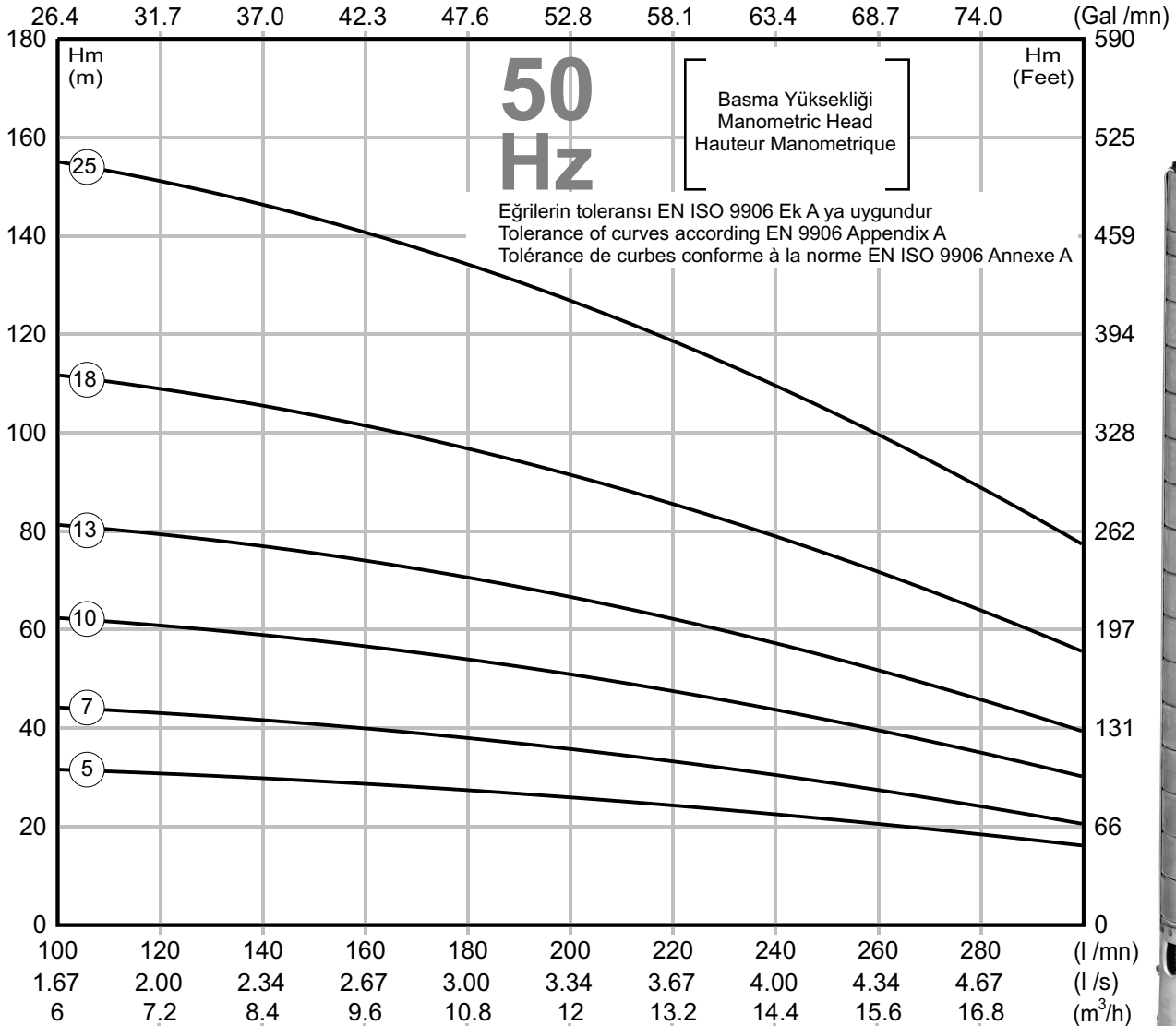


|   |  |   |   |   |                                     |
|---|--|---|---|---|-------------------------------------|
| Dönüş Hızı<br>Rotation Speed<br>Vitesse de Rotation<br>2900 RPM | Dönüş Yönü / Rotation<br>Saatin Tersi Yönünde<br>Counterclockwise<br>Sens Anti - Horaire | Klepe Çıkışı / Outlet / Sortie<br>2" İçten Pasolu 11 Diş<br>2" Inside Threaded 11 TPI<br>2" Fileté Interieur 11 TPI | Mil Ucu / Shaft End / Fin d'Arbre<br>NEMA Standardına Uygun<br>According to NEMA Standard<br>En Accord Norme NEMA | According to<br>En accord norme<br>EN ISO 9906<br>Normuna Uygun | Tarih / Date<br>10 / 2009<br>Rev. 0 |
|---|--|---|---|---|-------------------------------------|



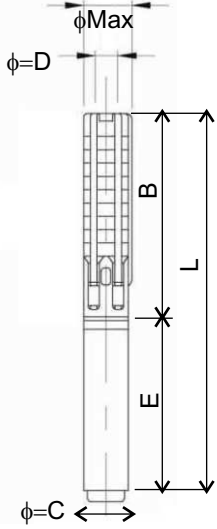
Hidrolik çalışma karakteristikleri 15°C deki suyla ve 1 bar atmosferik basınç altında alınmıştır  
The hydraulic working characteristics have been calculated with water at 15°C at the atmospheric pressure of 1 bar  
Les caractéristiques hydrauliques de fonctionnement ont été prises avec eau à 15°C à la pression atmosphérique de 1 bar

Performans eğrileri kinematik viskozite  $\nu = 1 \text{ mm}^2/\text{s}$  ve yoğunluk  $\rho = 1000 \text{ kg/m}^3$  temel alınarak oluşturulmuştur  
Performance curves are based on the kinematic viscosity  $\nu = 1 \text{ mm}^2/\text{s}$  and density  $\rho = 1000 \text{ kg/m}^3$   
Les courbes de performances sont basées sur la viscosité cinématique  $\nu = 1 \text{ mm}^2/\text{s}$  et la densité  $\rho = 1000 \text{ kg/m}^3$

# S4 SP12

## TEKNİK RESİMLER VE TABLOLAR TECHNICAL DRAWINGS AND INFORMATIONS SCHEMAS ET DIAGRAMMES TECHNIQUES

|   |   |   |  |
|---|---|---|--|
| <p>Pompalanan Sıvı: Kimyasal ve mekanik olarak aşındırıcı olmayan akışkan. Sıcaklık min=0°C max=40°C.<br/>İzin verilen maksimum kum miktarı = 50 g/m<sup>3</sup> izin verilen katı parçacık ölçüsü: Max 2mm<br/>Liquid being pumped: Chemically and mechanically non aggressive. Temperature min=0°C max=40°C.<br/>Maximum allowable solid quantity = 50 g/m<sup>3</sup> solid dimension: Max 2mm<br/>Liquide pompé: Chimiquement et mécaniquement non agressif. Temperature min=0°C max=40°C.<br/>Quantité maximale de sable tolérée = 50 g/m<sup>3</sup> Diamètre des particules solides: Max 2mm</p> |   |   |  |
| <p>2900 RPM'de çalışma aralığı:<br/>Operating range at 2900 RPM:<br/>Gamme de fonctionnement à 2900 RPM:</p>  | <p>HP= 2 - 10<br/>Qmax= 18 m<sup>3</sup>/h</p>  | <p>En verimli noktada:<br/>At the best efficiency point:<br/>Au point du meilleur rendement:</p>                          | <p>Q= 12 m<sup>3</sup>/h<br/>H= 129 m</p>            |
| <p>Maksimum pompa dış çapı (Kablo muhafazası ile birlikte):<br/>Maximum pump diameter (Including cable guard):<br/>Diametre maximal de pompe (y compris le couvre-cable):</p>   | 94 mm   | <p>Çıkış Çapı:<br/>Outlet diameter:<br/>Diametre d'orifice de refoulement:</p>  | 2"   |
| <p>Maximum uygulama derinliği: Su seviyesinin 400 m altına kadar.<br/>Maximum depth of application: Up to 400 m below the water level<br/>Profondeur maximum d'utilisation: Jusqu'à 400 m sous le niveau de l'eau</p>   |   | <p>Maksimum çalışma basıncı:<br/>Maximum working pressure:<br/>Pression de fonctionnement maxi.:</p>                      | 40 atm   |
| <p>Minimum sıvı seviyesi: Emiş süzgecinin altından itibaren 600 mm.<br/>Minimum liquid level: 600 mm from bottom of suction grid<br/>Niveau minimum du liquide: 600 mm au-dessus de la crépine d'aspiration</p>   |   | <p>Maksimum basma yüksekliği:<br/>Maximum head:<br/>Hauteur manométrique maximal:</p>                                     | 154 m  |
| <p>Fan tipi:<br/>Impeller type:<br/>Type de roue:</p>   | <p>Semiaksiyel<br/>Semiaxial<br/>Demiaxiale</p> | <p>İmalat ve güvenlik standartları:<br/>Construction and safety standards:<br/>Normes de construction et de sécurité:</p> | <p>TS 11146:1993<br/>TS EN 809:2000<br/>98/37/EC</p> |
|   |   | <p>TS EN ISO 12100-1:2007<br/>TS EN ISO 12100-2:2006</p>  |  |



| POMPA TİPİ<br>PUMP TYPE<br>TYPE DE POMPE | MOTOR<br>MOTEUR |     | ÖLÇÜLER / DIMENSIONS ( mm ) |      |     |     |      |    |    |       | AĞIRLIK / WEIGHT / POIDS ( kg ) |       |                 |                        |                 |
|--|-----------------|-----|-----------------------------|------|-----|-----|------|----|----|-------|---------------------------------|-------|-----------------|------------------------|-----------------|
|  |                 |     | 1~                          |      | 3~  |     | 1~   |    | 3~ |       | 1~                              |       | 3~              |                        |                 |
|  |                 |     | HP                          | kW   | L   | L   | E    | E  | B  | Ø = C | Ø = D                           | Ø MAX | MOTOR<br>MOTEUR | POMPA<br>PUMP<br>POMPE | TOPLAM<br>TOTAL |
| S4 SP12 / 05                             | 2               | 1,5 | 981                         | 936  | 476 | 431 | 505  | 93 | 2" | 94    | 13,5                            | 11,6  | 5               | 18,5                   | 16,6            |
| S4 SP12 / 07                             | 3               | 2,2 | 1144                        | 1124 | 509 | 489 | 635  | 93 | 2" | 94    | 14,7                            | 13,9  | 6,3             | 21,0                   | 20,2            |
| S4 SP12 / 10                             | 4               | 3   | -                           | 1378 | -   | 548 | 830  | 93 | 2" | 94    | -                               | 17,6  | 8,2             | -                      | 25,8            |
| S4 SP12 / 13                             | 5,5             | 4   | -                           | 1643 | -   | 618 | 1025 | 93 | 2" | 94    | -                               | 20,9  | 10,2            | -                      | 31,1            |
| S4 SP12 / 18                             | 7,5             | 5,5 | -                           | 2038 | -   | 688 | 1350 | 93 | 2" | 94    | -                               | 24,0  | 13,4            | -                      | 37,4            |
| S4 SP12 / 25                             | 10              | 7,5 | -                           | 2573 | -   | 768 | 1805 | 93 | 2" | 94    | -                               | 28,0  | 17,8            | -                      | 45,8            |

| POMPA TİPİ<br>PUMP TYPE<br>TYPE DE POMPE | MOTOR<br>MOTEUR |     | m <sup>3</sup> /h   | 0,0  | 6,0  | 7,2  | 8,4  | 9,6  | 10,8 | 12,0 | 15,0 | 18,0 |
|--|-----------------|-----|---|------|------|------|------|------|------|------|------|------|
|  | HP              | kW  | l/sn  | 0,00 | 1,67 | 2,00 | 2,33 | 2,67 | 3,00 | 3,33 | 4,17 | 5,00 |
| S4 SP12 / 05                             | 2               | 1,5 | Basma Yüksekliği (m)<br>Head in Meters<br>Hauteur Manométrique Totale En Metres | 33   | 32   | 31   | 30   | 28   | 27   | 26   | 22   | 16   |
| S4 SP12 / 07                             | 3               | 2,2 |   | 46   | 44   | 43   | 42   | 40   | 37   | 36   | 30   | 20   |
| S4 SP12 / 10                             | 4               | 3   |   | 65   | 62   | 60   | 58   | 57   | 54   | 52   | 43   | 29   |
| S4 SP12 / 13                             | 5,5             | 4   |   | 84   | 80   | 78   | 77   | 74   | 72   | 67   | 56   | 38   |
| S4 SP12 / 18                             | 7,5             | 5,5 |   | 117  | 111  | 108  | 104  | 102  | 97   | 93   | 77   | 54   |
| S4 SP12 / 25                             | 10              | 7,5 |   | 163  | 154  | 149  | 145  | 141  | 135  | 129  | 107  | 75   |

Katalogtaki hidrolik karakteristikler çekvalf kayıplarını içermez.  
Hydraulic characteristics of catalog don't include the loss of check-valve  
Les caractéristiques hydrauliques de catalogue ne comprennent pas les pertes dans le clapet de retenue