

S 520

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

50 HZ

Pompalanan Sıvı: Kimyasal ve mekanik olarak aşındırıcı olmayan akışkan. Sıcaklık min=0° C max=40° C.
İzin verilen maksimum kum miktarı = 50 g/m³ izin verilen katı parçacık ölçüsü: Max 2mm
Liquid being pumped: Chemically and mechanically non aggressive. Temperature min=0° C max=40° C.
Maximum allowable solid quantity = 50 g/m³ solid dimension: Max 2mm
Liquide pompé: Chimiquement et mécaniquement non agressif. Temperature min=0° C max=40° C.
Quantité maximale de sable tolérée = 50 g/m³ Diamètre des particules solides: Max 2mm

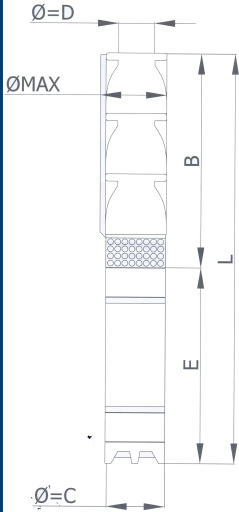
| | | | |
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| 2900 RPM'de çalışma aralığı: Operating range at 2900 RPM: Gamme de fonctionnement à 2900 RPM: | HP= 1 - 10 Qmax= 32 m ³ /h | En verimli noktada: At the best efficiency point: Au point du meilleur rendement: | Q= 20 m ³ /h H= 67 m |
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| Maksimum pompa dış çapı (Kablo muhafazası ile birlikte): Maximum pump diameter (Including cable guard): Diametre maximal de pompe (y compris le couvre-cable): | 123 mm | Çıkış Çapı: Outlet diameter: Diametre d'orifice de refoulement: | 3" |
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| Maximum uygulama derinliği: Su seviyesinin 250 m altına kadar. Maximum depth of application: Up to 250 m below the water level Profondeur maximum d'utilisation: Jusqu'à 250 m sous le niveau de l'eau | Maksimum çalışma basıncı: Maximum working pressure: Pression de fonctionnement maxi.: | 25 atm |
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| Minimum sıvı seviyesi: Emiş süzgecinin altından itibaren 700 mm. Minimum liquid level: 700 mm from bottom of suction grid Niveau minimum du liquide: 700 mm au-dessus de la crépine d'aspiration | Maksimum basma yüksekliği: Maximum head: Hauteur manométrique maximal: | 102 m |
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| Fan tipi: Impeller type: Type de roue: | Semiaksiyel Semiaxial Demiaxiale | İmalat ve güvenlik standartları: Construction and safety standards: Normes de construction et de sécurité: | TS 11146:1993 TS EN 809:2000 98/37/EC | TS EN ISO 12100-1:2007 TS EN ISO 12100-2:2006 |
|--|--|--|---|--|



| POMPA TIPI PUMP TYPE TYPE DE POMPE | MOTOR MOTEUR | | | ÖLÇÜLER / DIMENSIONS (mm) | | | | | | | | AĞIRLIK / WEIGHT / POIDS (kg) | | | | |
|--|-----------------|-------|------|-----------------------------|------|-----|-----|------|-------|-------|-------|---------------------------------|------|------------------------|-----------------|-----------------|
| | 4" HP | 5" HP | kW | 4" | | 5" | | B | Ø = C | Ø = D | Ø MAX | MOTOR MOTEUR | | POMPA PUMP POMPE | TOPLAM TOTAL | |
| | | | | L | L | E | E | | | | | 4" | 5" | | TOPLAM TOTAL | TOPLAM TOTAL |
| S 520 / 02 | 1 | - | 0,75 | 896 | - | 366 | - | 530 | 93 | 3" | 120 | 9,7 | - | 12,1 | 21,8 | - |
| S 520 / 03 | 2 | - | 1,5 | 1071 | - | 431 | - | 640 | 93 | 3" | 120 | 11,6 | - | 15,5 | 27,1 | - |
| S 520 / 04 | 3 | - | 2,2 | 1239 | - | 489 | - | 750 | 93 | 3" | 120 | 13,9 | - | 18,8 | 32,7 | - |
| S 520 / 05 | 3 | - | 2,2 | 1349 | - | 489 | - | 860 | 93 | 3" | 120 | 13,9 | - | 22,2 | 36 | - |
| S 520 / 06 | 3 | - | 2,2 | 1459 | - | 489 | - | 970 | 93 | 3" | 120 | 13,9 | - | 25,5 | 39,4 | - |
| S 520 / 07 | 4 | - | 3 | 1628 | - | 548 | - | 1080 | 93 | 3" | 120 | 17,6 | - | 28,9 | 46,4 | - |
| S 520 / 08 | 4 | - | 3 | 1738 | - | 548 | - | 1190 | 93 | 3" | 120 | 17,6 | - | 32,2 | 49,8 | - |
| S 520 / 09 | 5,5 | - | 4 | 1918 | - | 618 | - | 1300 | 93 | 3" | 120 | 20,9 | - | 35,6 | 56,5 | - |
| S 520 / 10 | 5,5 | - | 4 | 2028 | - | 618 | - | 1410 | 93 | 3" | 120 | 20,9 | - | 38,9 | 59,8 | - |
| S 520 / 11 | 5,5 | - | 4 | 2138 | - | 618 | - | 1520 | 93 | 3" | 120 | 20,9 | - | 42,3 | 63,2 | - |
| S 520 / 12 | 7,5 | 7,5 | 5,5 | 2318 | 2325 | 688 | 695 | 1630 | 93 | 3" | 120 | 24 | 37,5 | 45,6 | 69,6 | 83,1 |
| S 520 / 13 | 7,5 | 7,5 | 5,5 | 2428 | 2435 | 688 | 695 | 1740 | 93 | 3" | 120 | 24 | 37,5 | 49 | 73 | 86,5 |
| S 520 / 14 | 7,5 | 7,5 | 5,5 | 2538 | 2545 | 688 | 695 | 1850 | 93 | 3" | 120 | 24 | 37,5 | 52,3 | 76,3 | 89,8 |
| S 520 / 15 | 7,5 | 7,5 | 5,5 | 2648 | 2655 | 688 | 695 | 1960 | 93 | 3" | 120 | 24 | 37,5 | 55,7 | 79,7 | 93,2 |
| S 520 / 16 | 10 | 10 | 7,5 | 2838 | 2810 | 768 | 740 | 2070 | 93 | 3" | 120 | 28 | 41 | 59 | 87 | 100 |
| S 520 / 17 | 10 | 10 | 7,5 | 2948 | 2920 | 768 | 740 | 2180 | 93 | 3" | 120 | 28 | 41 | 62,4 | 90,4 | 103 |
| S 520 / 18 | 10 | 10 | 7,5 | 3058 | 3030 | 768 | 740 | 2290 | 123 | 3" | 123 | 28 | 41 | 65,7 | - | 107 |
| S 520 / 19 | 10 | 10 | 7,5 | 3168 | 3140 | 768 | 740 | 2400 | 123 | 3" | 123 | 28 | 41 | 69,1 | - | 110 |
| S 520 / 20 | 10 | 10 | 7,5 | 3278 | 3250 | 768 | 740 | 2510 | 123 | 3" | 123 | 28 | 41 | 72,4 | - | 113 |

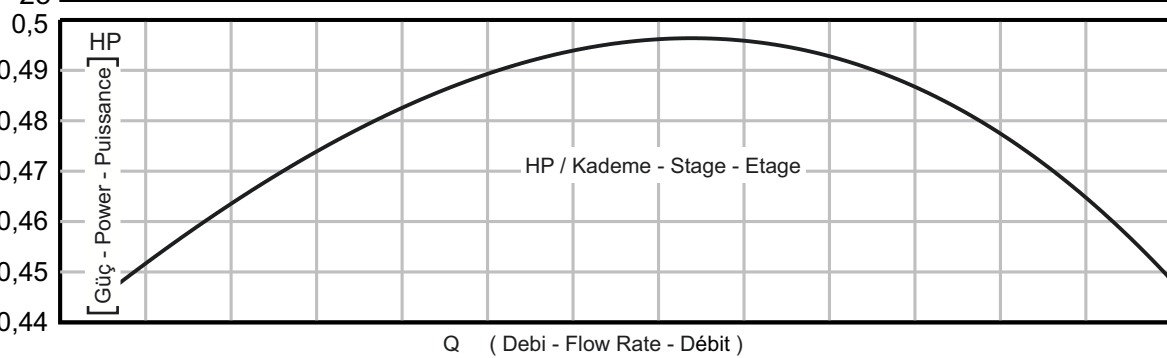
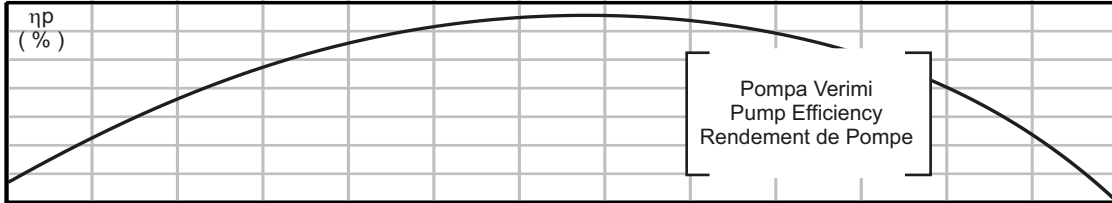
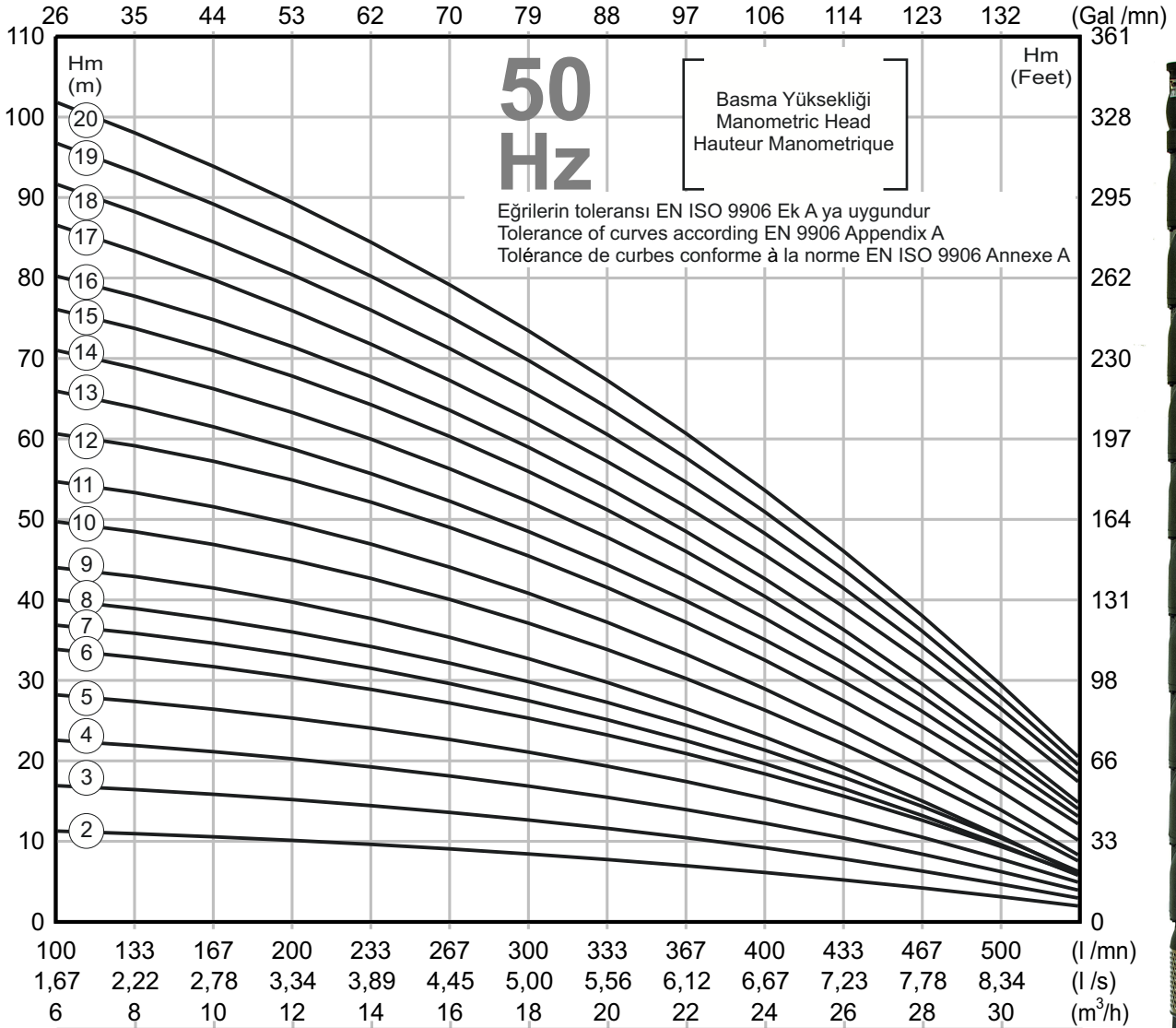


| POMPA TIPI PUMP TYPE TYPE DE POMPE | MOTOR MOTEUR | | | Başma Yüksekliği (m) Head in Meters Hauteur Manométrique Totale En Metres | | | | | | | | | | | | | | | | |
|--|-----------------|-------|------|---|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|--|--|
| | 4" HP | 5" HP | kW | m ³ /h | | | | | | | | | | | | | | | | |
| | | | | 0,0 | 6,0 | 8,0 | 10,0 | 12,0 | 14,0 | 16,0 | 18,0 | 20,0 | 22,0 | 24,0 | 26,0 | 28,0 | 30,0 | 32,0 | | |
| S 520 / 02 | 1 | - | 0,75 | 12 | 11 | 11 | 11 | 10 | 10 | 9 | 8 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | | |
| S 520 / 03 | 2 | - | 1,5 | 18 | 17 | 16 | 16 | 15 | 14 | 14 | 13 | 12 | 10 | 9 | 8 | 6 | 5 | 3 | | |
| S 520 / 04 | 3 | - | 2,2 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 15 | 14 | 12 | 10 | 8 | 6 | 4 | | |
| S 520 / 05 | 3 | - | 2,2 | 30 | 28 | 27 | 26 | 25 | 24 | 23 | 21 | 19 | 17 | 15 | 13 | 11 | 8 | 5 | | |
| S 520 / 06 | 3 | - | 2,2 | 36 | 34 | 33 | 32 | 30 | 29 | 27 | 25 | 23 | 21 | 18 | 16 | 13 | 9 | 6 | | |
| S 520 / 07 | 4 | - | 3 | 39 | 37 | 36 | 35 | 33 | 32 | 30 | 27 | 25 | 23 | 20 | 17 | 13 | 10 | 6 | | |
| S 520 / 08 | 4 | - | 3 | 42 | 40 | 39 | 38 | 36 | 34 | 32 | 30 | 27 | 24 | 21 | 18 | 14 | 10 | 6 | | |
| S 520 / 09 | 5,5 | - | 4 | 46 | 44 | 43 | 41 | 40 | 38 | 35 | 33 | 30 | 27 | 23 | 19 | 15 | 11 | 6 | | |
| S 520 / 10 | 5,5 | - | 4 | 51 | 50 | 48 | 47 | 45 | 43 | 40 | 37 | 34 | 30 | 26 | 22 | 18 | 13 | 7 | | |
| S 520 / 11 | 5,5 | - | 4 | 56 | 55 | 53 | 52 | 49 | 47 | 44 | 41 | 37 | 33 | 29 | 24 | 19 | 14 | 8 | | |
| S 520 / 12 | 7,5 | 7,5 | 5,5 | 63 | 61 | 59 | 57 | 55 | 52 | 49 | 45 | 42 | 37 | 33 | 27 | 22 | 16 | 10 | | |
| S 520 / 13 | 7,5 | 7,5 | 5,5 | 70 | 66 | 64 | 62 | 59 | 56 | 52 | 49 | 44 | 40 | 35 | 30 | 24 | 18 | 12 | | |
| S 520 / 14 | 7,5 | 7,5 | 5,5 | 76 | 71 | 69 | 66 | 63 | 60 | 56 | 52 | 48 | 43 | 38 | 32 | 26 | 20 | 13 | | |
| S 520 / 15 | 7,5 | 7,5 | 5,5 | 81 | 76 | 74 | 71 | 68 | 64 | 60 | 56 | 51 | 46 | 40 | 34 | 28 | 21 | 14 | | |
| S 520 / 16 | 10 | 10 | 7,5 | 85 | 80 | 78 | 75 | 71 | 68 | 64 | 59 | 54 | 49 | 43 | 36 | 30 | 22 | 15 | | |
| S 520 / 17 | 10 | 10 | 7,5 | 85 | 80 | 78 | 75 | 71 | 68 | 64 | 59 | 54 | 49 | 43 | 36 | 30 | 22 | 15 | | |
| S 520 / 18 | 10 | 10 | 7,5 | 100 | 92 | 88 | 84 | 80 | 76 | 71 | 66 | 61 | 55 | 48 | 41 | 34 | 26 | 18 | | |
| S 520 / 19 | 10 | 10 | 7,5 | 106 | 97 | 93 | 89 | 85 | 80 | 75 | 70 | 64 | 58 | 51 | 44 | 36 | 28 | 19 | | |
| S 520 / 20 | 10 | 10 | 7,5 | 111 | 102 | 98 | 94 | 89 | 84 | 79 | 73 | 67 | 61 | 54 | 46 | 38 | 29 | 20 | | |

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

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|---|--|--|---|---|-------------------------------------|
| Dönüş Hızı Rotation Speed Vitesse de Rotation 2900 RPM | Dönüş Yönü / Rotation Saatin Tersi Yönünde Counterclockwise Sens Anti - Horaire | Klepe Çıkışı / Outlet / Sortie 3" İçten Pasolu 8 Diş 3" Inside Threaded 8 TPI 3" Fileté Interieur 8 TPI | Mil Ucu / Shaft End / Fin d'Arbre NEMA Standardına Uygun According to NEMA Standard En Accord Norme NEMA | Mil Çapı Shaft Diameter Diamètre d'Arbre 20 mm | Tarih / Date 11 / 2010 Rev. 0 |
|---|--|--|---|---|-------------------------------------|



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 $\rho = 1000 \text{ kg / m}^3$

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

