

# S 8090

## 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/m<sup>3</sup> 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/m<sup>3</sup> 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/m<sup>3</sup> Diamètre des particules solides: Max 2mm

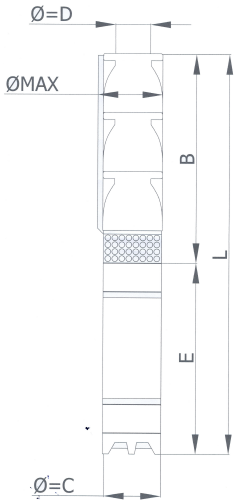
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| 2900 RPM'de çalışma aralığı:<br>Operating range at 2900 RPM:<br>Gamme de fonctionnement à 2900 RPM: | HP= 10 - 150<br>Qmax= 165 m <sup>3</sup> / h | En verimli noktada:<br>At the best efficiency point:<br>Au point du meilleur rendement: | Q= 105 m <sup>3</sup> / h<br>H= 237 m |
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| 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): | 205 mm | Çıkış Çapı:<br>Outlet diameter:<br>Diametre d'orifice de refoulement: | 5" |
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| Maximum uygulama derinliği: Su seviyesinin 250 m altına kadar.<br>Maximum depth of application: Up to 250 m below the water level<br>Profondeur maximum d'utilisation: Jusqu'à 250 m sous le niveau de l'eau | Maksimum çalışma basıncı:<br>Maximum working pressure:<br>Pression de fonctionnement maxi.: | 25 atm |
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| Minimum sıvı seviyesi: Emiş süzgecinin altından itibaren 1200 mm.<br>Minimum liquid level: 1200 mm from bottom of suction grid<br>Niveau minimum du liquide: 1200 mm au-dessus de la crépine d'aspiration | Maksimum basma yüksekliği:<br>Maximum head:<br>Hauteur manométrique maximal: | 309 m |
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| Fan tipi:<br>Impeller type:<br>Type de roue: | Semiaksiyel<br>Semiaxial<br>Demiaxiale | İmalat ve güvenlik standartları:<br>Construction and safety standards:<br>Normes de construction et de sécurité: | TS 11146:1993<br>TS EN 809:2000<br>98/37/EC | TS EN ISO 12100-1:2007<br>TS EN ISO 12100-2:2006 |
|--|--|--|---|--|



| POMPA TİPİ<br>PUMP TYPE<br>TYPE DE POMPE | MOTOR<br>MOTEUR |     |     | ÖLÇÜLER / DIMENSIONS ( mm ) |       |       |       |      |      |     |     |       |     | AĞIRLIK / WEIGHT / POIDS ( kg ) |     |                        |         |                 |            |
|--|-----------------|-----|-----|-----------------------------|-------|-------|-------|------|------|-----|-----|-------|-----|---------------------------------|-----|------------------------|---------|-----------------|------------|
|  |                 |     |     | 8"-6"                       | 8"-8" | 8"-6" | 8"-8" | 6"   | 8"   | 6"  | 8"  | Ø MAX | Ø=D | MOTOR<br>MOTEUR                 |     | POMPA<br>PUMP<br>POMPE |         | TOPLAM<br>TOTAL |            |
|  |                 |     |     | 6" HP                       | 8" HP | kW    | L     | L    | B    | B   | E   |       |     | E                               | Ø=C | Ø=C                    | 6" (kg) | 8" (kg)         | 8"-6" (kg) |
| S 8090 / 01                              | 10              | -   | 7,5 | 1251                        | -     | 560   | -     | 691  | -    | 145 | -   | 200   | 5"  | 55                              | -   | 35                     | -       | 90              | -          |
| S 8090 / 02                              | 20              | -   | 15  | 1581                        | -     | 700   | -     | 881  | -    | 145 | -   | 200   | 5"  | 77                              | -   | 46                     | -       | 123             | -          |
| S 8090 / 03                              | 30              | 30  | 22  | 1871                        | 1831  | 840   | 970   | 1031 | 861  | 145 | 195 | 205   | 5"  | 93                              | 121 | 57                     | 64      | 150             | 185        |
| S 8090 / 04                              | 40              | 40  | 30  | 2171                        | 2185  | 980   | 1110  | 1191 | 1075 | 145 | 195 | 205   | 5"  | 112                             | 142 | 68                     | 75      | 180             | 217        |
| S 8090 / 05                              | 50              | 50  | 37  | 2391                        | 2352  | 1120  | 1250  | 1271 | 1102 | 145 | 195 | 205   | 5"  | 114                             | 148 | 79                     | 86      | 193             | 234        |
| S 8090 / 06                              | 60              | 60  | 45  | 2531                        | 2550  | 1260  | 1390  | 1271 | 1160 | 145 | 195 | 205   | 5"  | 114                             | 159 | 90                     | 97      | 204             | 256        |
| S 8090 / 07                              | -               | 70  | 51  | -                           | 2682  | -     | 1530  | -    | 1152 | -   | 195 | 205   | 5"  | -                               | 178 | -                      | 108     | -               | 286        |
| S 8090 / 08                              | -               | 80  | 59  | -                           | 2985  | -     | 1670  | -    | 1315 | -   | 195 | 205   | 5"  | -                               | 188 | -                      | 119     | -               | 307        |
| S 8090 / 09                              | -               | 90  | 66  | -                           | 3203  | -     | 1810  | -    | 1393 | -   | 195 | 205   | 5"  | -                               | 203 | -                      | 130     | -               | 333        |
| S 8090 / 10                              | -               | 100 | 75  | -                           | 3414  | -     | 1950  | -    | 1464 | -   | 195 | 205   | 5"  | -                               | 217 | -                      | 141     | -               | 358        |
| S 8090 / 11                              | -               | 110 | 81  | -                           | 3625  | -     | 2090  | -    | 1535 | -   | 195 | 205   | 5"  | -                               | 232 | -                      | 152     | -               | 384        |
| S 8090 / 12                              | -               | 110 | 81  | -                           | 3765  | -     | 2230  | -    | 1535 | -   | 195 | 205   | 5"  | -                               | 232 | -                      | 163     | -               | 395        |
| S 8090 / 13                              | -               | 125 | 92  | -                           | 4020  | -     | 2370  | -    | 1650 | -   | 195 | 205   | 5"  | -                               | 256 | -                      | 174     | -               | 430        |
| S 8090 / 14                              | -               | 150 | 110 | -                           | 4354  | -     | 2510  | -    | 1844 | -   | 195 | 205   | 5"  | -                               | 295 | -                      | 185     | -               | 480        |



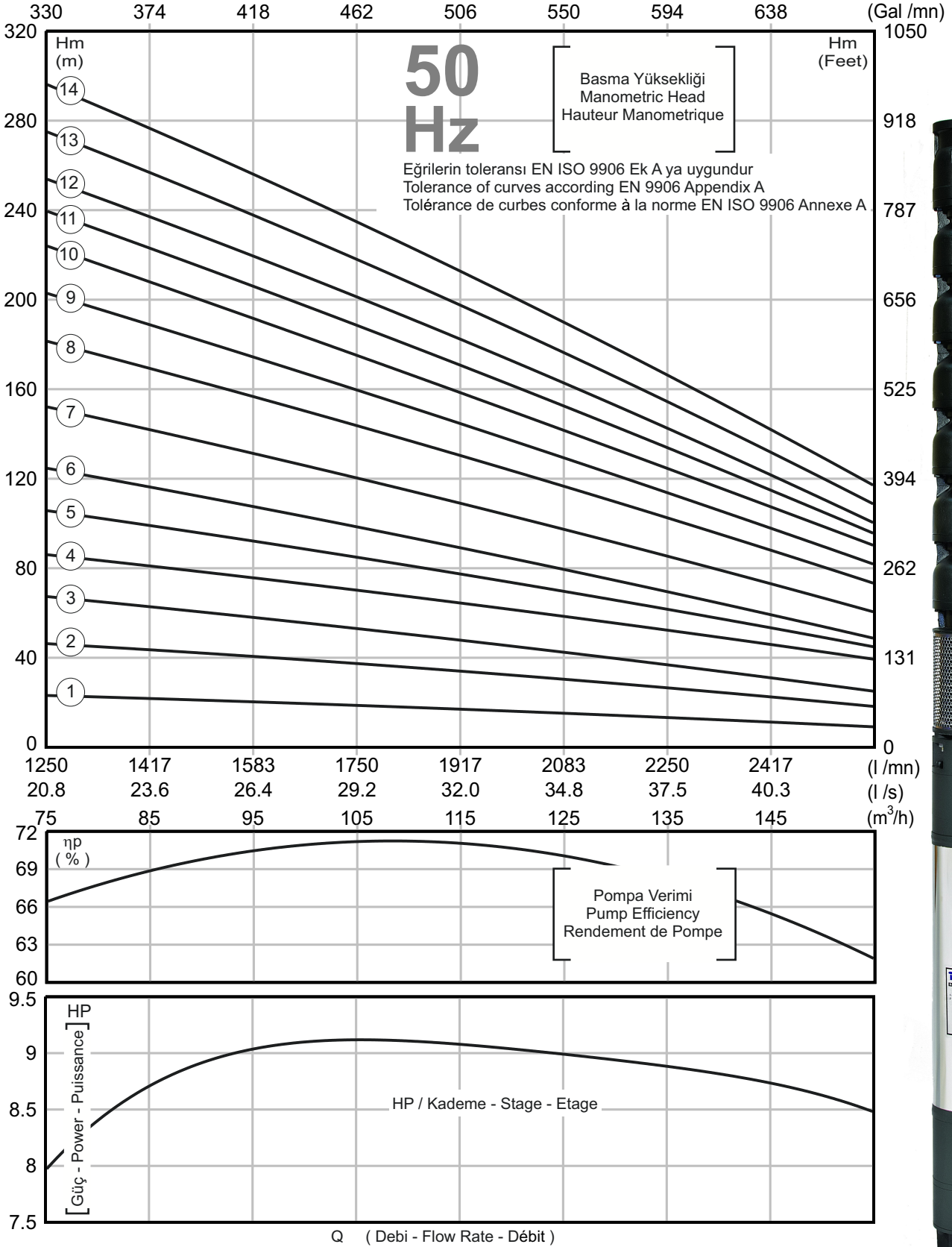
| POMPA TİPİ<br>PUMP TYPE<br>TYPE DE POMPE | MOTOR<br>MOTEUR |     |     | m <sup>3</sup> /h |       |     |      |      |       |       |       |       |       |       |       |       |
|--|-----------------|-----|-----|-------------------|-------|-----|------|------|-------|-------|-------|-------|-------|-------|-------|-------|
|  |                 |     |     | 0                 | 73    | 75  | 84   | 90   | 96    | 105   | 108   | 120   | 135   | 150   | 165   |       |
|  |                 |     |     | 6" HP             | 8" HP | kW  | l/sn | 0,00 | 20,16 | 20,83 | 23,33 | 25,00 | 26,67 | 29,17 | 30,00 | 33,33 |
| S 8090 / 01                              | 10              | -   | 7,5 | 27                | 24    | 23  | 22   | 21   | 20    | 19    | 18    | 16    | 14    | 10    | 7     |       |
| S 8090 / 02                              | 20              | -   | 15  | 54                | 49    | 46  | 43   | 41   | 40    | 38    | 37    | 33    | 28    | 20    | 13    |       |
| S 8090 / 03                              | 30              | 30  | 22  | 80                | 71    | 66  | 62   | 59   | 57    | 53    | 51    | 46    | 38    | 30    | 17    |       |
| S 8090 / 04                              | 40              | 40  | 30  | 105               | 88    | 87  | 82   | 79   | 75    | 70    | 68    | 61    | 51    | 45    | 32    |       |
| S 8090 / 05                              | 50              | 50  | 37  | 130               | 107   | 106 | 100  | 96   | 92    | 85    | 83    | 73    | 61    | 50    | 36    |       |
| S 8090 / 06                              | 60              | 60  | 45  | 154               | 126   | 124 | 117  | 112  | 107   | 99    | 96    | 85    | 69    | 52    | 39    |       |
| S 8090 / 07                              | -               | 70  | 51  | 180               | 157   | 152 | 141  | 136  | 130   | 121   | 117   | 105   | 85    | 66    | 48    |       |
| S 8090 / 08                              | -               | 80  | 59  | 206               | 190   | 181 | 166  | 161  | 154   | 144   | 141   | 126   | 103   | 81    | 57    |       |
| S 8090 / 09                              | -               | 90  | 66  | 230               | 212   | 202 | 185  | 180  | 172   | 160   | 157   | 139   | 115   | 90    | 64    |       |
| S 8090 / 10                              | -               | 100 | 75  | 253               | 235   | 222 | 204  | 198  | 189   | 176   | 172   | 150   | 126   | 99    | 71    |       |
| S 8090 / 11                              | -               | 110 | 81  | 277               | 251   | 236 | 222  | 213  | 203   | 190   | 184   | 162   | 135   | 106   | 74    |       |
| S 8090 / 12                              | -               | 110 | 81  | 300               | 265   | 248 | 239  | 226  | 217   | 203   | 194   | 173   | 144   | 112   | 76    |       |
| S 8090 / 13                              | -               | 125 | 92  | 325               | 287   | 268 | 259  | 245  | 235   | 220   | 210   | 188   | 156   | 122   | 83    |       |
| S 8090 / 14                              | -               | 150 | 110 | 350               | 309   | 289 | 278  | 264  | 253   | 237   | 226   | 202   | 168   | 131   | 89    |       |

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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

|   |  |  |   |   |                                     |
|---|--|--|---|---|-------------------------------------|
| 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>5" İçten Pasolu 8 Diş<br>5" Inside Threaded 8 TPI<br>5" Fileté Interieur 8 TPI | Mil Ucu / Shaft End / Fin d'Arbre<br>NEMA Standardına Uygun<br>According to NEMA Standard<br>En Accord Norme NEMA | Mil Çapı<br>Shaft Diameter<br>Diamètre d'Arbre<br>30 mm | 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  $\rho = 1000 \text{ kg / m}^3$