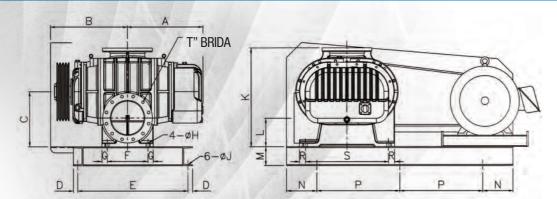
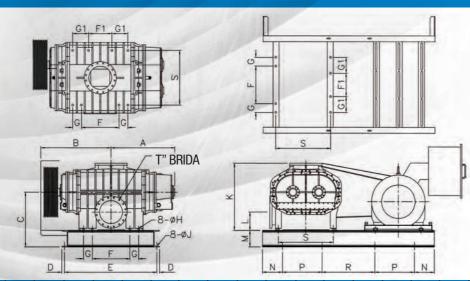
### DS 2800/9000



| MODELO  | A   | В   | C   | D  | Е    | F   | G  | н  | J  | K   | L   | М   | N   | P   | R  | S   | Т  | Peso |
|---------|-----|-----|-----|----|------|-----|----|----|----|-----|-----|-----|-----|-----|----|-----|----|------|
| DS 2800 | 515 | 495 | 363 | 30 | 730  | 270 | 35 | 23 | 19 | 650 | 190 | 125 | 200 | 550 | 40 | 550 | 8  | 720  |
| DS 4500 | 605 | 595 | 388 | 30 | 730  | 460 | 35 | 23 | 19 | 675 | 225 | 125 | 200 | 550 | 40 | 550 | 10 | 913  |
| DS 9000 | 900 | 805 | 500 | 40 | 1120 | 650 | 65 | 27 | 24 | 875 | 250 | 200 | 200 | 800 | 55 | 620 | 12 | 2010 |

Dimensiones: mm / Peso: kg

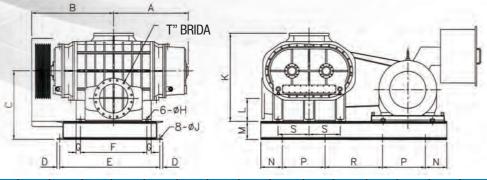
### DS 17000



| ı | MODELO   | A   | В    | C   | D  | Е    | F   | F1  | G   | G1 | н   | J  | K    | L   | М   | N   | Р   | R   | S   | Т  | Peso |
|---|----------|-----|------|-----|----|------|-----|-----|-----|----|-----|----|------|-----|-----|-----|-----|-----|-----|----|------|
|   | DS 17000 | 965 | 1065 | 830 | 40 | 1400 | 570 | 354 | 133 | 35 | 241 | 24 | 1020 | 278 | 250 | 300 | 600 | 800 | 830 | 14 | 4100 |

Dimensiones: mm / Peso: kg

#### **DS 22000**



| MODELO   | A    | В    | С   | D  | Е    | F   | G  | н  | J  | K    | П   | М   | N   | Р   | R   | S   | Т  | Peso |
|----------|------|------|-----|----|------|-----|----|----|----|------|-----|-----|-----|-----|-----|-----|----|------|
| DS 22000 | 1043 | 1147 | 945 | 40 | 1400 | 930 | 60 | 35 | 24 | 1215 | 315 | 250 | 300 | 600 | 800 | 435 | 16 | 4650 |

Dimensiones: mm / Peso: kg





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# SOPLADORES TRILOBULARES TIPO ROOTS



DOSIAC

Vacío: -100 a -500 mbarDiámetro: 1.5" a 16"

### SOPLADORES DE AIRE Y BOMBAS DE VACÍO - TIPO ROOTS TRILOBULARES ROTATIVOS

Sopladores DOSIVAC tipo root de desplazamiento positivo trilobulares, logrando con innovador desarrollo un equipo de alta eficiencia que prolonga la vida útil de rodamientos, bajando el nivel de ruido, vibraciones y consumo energético. Apoyados en nuestra experiencia desarrollada desde 1982 con productos de alta calidad, tecnología de última generación y servicio de asesoramiento y post venta.

#### **CARACTERÍSTICAS**

Trilobular: brindando mayor rigidez de rotores, disminuye las vibraciones y los esfuerzos sobre la instalación en comparación con un soplador bilobular. Además del diseño de descarga horizontal que baja aún más el nivel de ruido.

Aire limpio libre de aceite

02

Flujo de aire y presión estable

Construcción simple y de fácil mantenimiento

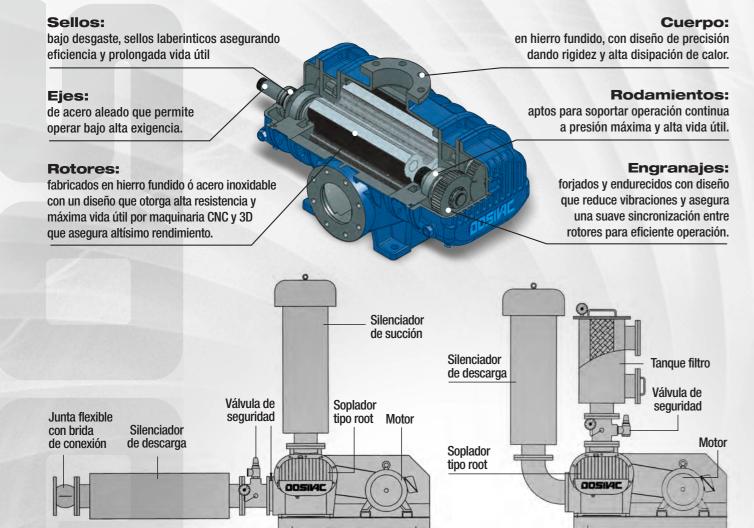
Rodamientos y engranajes lubricados por aceite en ambos lados del soplador.

### **ALGUNAS APLICACIONES:**

- Aireación en tratamiento de aguas y efluentes
- Agitación por aire
- Transporte neumático por presión y vacío.
- Metalización, empacadoras por vacío.

#### **UTILIZADOS EN INDUSTRIA:**

- Alimenticia
- Construcción
- Petroquímica
- Textil
- Química
- Metalúrgica
- Minera entre otras



### TABLA DE SELECCIÓN DE SOPLADORES TRABAJANDO POR PRESIÓN

Los valores indicados corresponden a presión atmosférica normal P: 1013 mbar y temperatura de admisión de aire T: 20 °C con una tolerancia de +/- 5%

| MOD     | RPM  | 100(  | mbar)  | 200(   | mbar)   | 300(   | mbar)   | 400(   | mbar)  | 500(   | mbar)  | 600(  | mbar)  | 700(  | mbar)  | 800(  | mbar)  |
|---------|--|---|--|--|---|--|---|--|--|--|--|---|--|---|--|---|--|
|         |  | Qs (m³/h)   | P (HP)   | Qs (m³/h)  | P (HP)  | Qs (m³/h)  | P (HP)  | Qs (m³/h)  | P (HP)   | Qs (m³/h)  | P (HP)   | Qs (m³/h)                                       | P (HP)   | Qs (m³/h)                                       | P (HP)   | Qs (m³/h)                                       | P (HP)   |
| DS 60   | 1650<br>1800<br>1950<br>2100<br>2250<br>2400<br>2550 | 36<br>41<br>45<br>50<br>54<br>58<br>63            | 0.3<br>0.3<br>0.3<br>0.3<br>0.3<br>0.3<br>0.4<br>0.4 | 34<br>38<br>43<br>47<br>52<br>56<br>61           | 0.5<br>0.5<br>0.6<br>0.6<br>0.7<br>0.7            | 32<br>37<br>41<br>46<br>50<br>55<br>59           | 0.7<br>0.8<br>0.8<br>0.9<br>1.0<br>1.0              | 31<br>35<br>40<br>44<br>49<br>53<br>58           | 0.9<br>1.0<br>1.1<br>1.2<br>1.2<br>1.3<br>1.4        | 29<br>34<br>38<br>43<br>47<br>52<br>56           | 1.1<br>1.2<br>1.3<br>1.4<br>1.5<br>1.6<br>1.7        | 29<br>33<br>37<br>42<br>46<br>51<br>55          | 1.3<br>1.4<br>1.5<br>1.6<br>1.7<br>1.8<br>1.9        |   |  |   |  |
| DS 150  | 850<br>1000<br>1150<br>1300<br>1450<br>1600<br>1750  | 59<br>79<br>98<br>117<br>136<br>156<br>175        | 0.5<br>0.6<br>0.8<br>0.8<br>0.9<br>1.0               | 47<br>67<br>86<br>106<br>125<br>144<br>163       | 1.1<br>1.3<br>1.4<br>1.6<br>1.8<br>2.0<br>2.2     | 38<br>58<br>77<br>97<br>116<br>135<br>154        | 1.6<br>1.8<br>2.1<br>2.4<br>2.7<br>2.9<br>3.2       | 30<br>49<br>69<br>88<br>107<br>127<br>146        | 2.0<br>2.4<br>2.7<br>3.1<br>3.4<br>3.8<br>4.2        | 23<br>42<br>61<br>80<br>100<br>119<br>139        | 2.5<br>2.9<br>3.3<br>3.8<br>4.2<br>4.6<br>5.1        | 17<br>37<br>56<br>75<br>95<br>114<br>133        | 2.9<br>3.4<br>3.9<br>4.4<br>4.9<br>5.4<br>5.9        | 13<br>32<br>52<br>71<br>90<br>109<br>128        | 3.3<br>3.9<br>4.5<br>5.0<br>5.6<br>6.2<br>6.8        | 9<br>28<br>47<br>67<br>86<br>106<br>125         | 3.7<br>4.3<br>5.0<br>5.6<br>6.3<br>6.9<br>7.6        |
| DS 300  | 850<br>1000<br>1150                                  | 124<br>155<br>186<br>217<br>248<br>279<br>310     | 0.8<br>1.0<br>1.1<br>1.3<br>1.4<br>1.6<br>1.7        | 113<br>145<br>176<br>207<br>238<br>269<br>300    | 1.6<br>1.9<br>2.2<br>2.5<br>2.8<br>3.1<br>3.3     | 103<br>133<br>164<br>196<br>226<br>257<br>289    | 2.4<br>2.8<br>3.2<br>3.6<br>4.0<br>4.5<br>4.9       | 93<br>124<br>155<br>186<br>217<br>248<br>279     | 3.1<br>3.6<br>4.1<br>4.7<br>5.2<br>5.8<br>6.3        | 85<br>116<br>147<br>178<br>209<br>240<br>271     | 3.7<br>4.4<br>5.1<br>5.7<br>6.4<br>7.0<br>7.7        | 77<br>109<br>140<br>170<br>202<br>233<br>263    | 4.4<br>5.1<br>5.9<br>6.7<br>7.5<br>8.2<br>9.0        | 71<br>103<br>133<br>164<br>196<br>226<br>257    | 5.0<br>5.9<br>6.7<br>7.6<br>8.5<br>9.4<br>10.3       | 65<br>96<br>127<br>158<br>189<br>220<br>251     | 5.6<br>6.5<br>7.5<br>8.5<br>9.5<br>10.5<br>11.5      |
| DS 500  | 850<br>1000<br>1150                                  | 194<br>248<br>302<br>356<br>410<br>464<br>518     | 1.5<br>1.8<br>2.0<br>2.3<br>2.6<br>2.8<br>3.1        | 172<br>226<br>280<br>334<br>388<br>464<br>496    | 2.9<br>3.4<br>3.9<br>4.4<br>4.9<br>5.4<br>5.9     | 152<br>206<br>260<br>314<br>368<br>422<br>476    | 4.1<br>4.9<br>5.6<br>6.3<br>7.0<br>7.8<br>8.5       | 134<br>188<br>242<br>296<br>350<br>404<br>458    | 5.3<br>6.2<br>7.1<br>8.1<br>9.0<br>9.9<br>10.9       | 117<br>171<br>225<br>279<br>333<br>387<br>441    | 6.3<br>7.5<br>8.6<br>9.7<br>10.8<br>11.9<br>13.1     | 102<br>156<br>210<br>264<br>318<br>372<br>426   | 7.3<br>8.6<br>9.9<br>11.2<br>12.5<br>13.8<br>15.1    | 89<br>143<br>197<br>251<br>305<br>359<br>413    | 8.2<br>9.7<br>11.2<br>12.6<br>14.1<br>15.5<br>17.0   | 77<br>131<br>185<br>239<br>293<br>347<br>401    | 9.1<br>10.7<br>12.3<br>13.9<br>15.5<br>17.1<br>18.7  |
| DS 700  | 850<br>1000<br>1150                                  | 348<br>424<br>499<br>575<br>650<br>726<br>802     | 2.1<br>2.5<br>2.8<br>3.2<br>3.6<br>4.0<br>4.3        | 311<br>387<br>463<br>538<br>614<br>689<br>765    | 4.0<br>4.7<br>5.4<br>6.1<br>6.9<br>7.6<br>8.3     | 279<br>355<br>430<br>506<br>581<br>657<br>733    | 5.8<br>6.8<br>7.8<br>8.8<br>9.9<br>10.9<br>11.9     | 250<br>325<br>401<br>476<br>552<br>628<br>703    | 7.4<br>8.7<br>10.0<br>11.3<br>12.6<br>13.9<br>15.2   | 224<br>300<br>376<br>451<br>527<br>602<br>678    | 8.9<br>10.5<br>12.0<br>13.6<br>15.2<br>16.7<br>18.3  | 202<br>277<br>353<br>428<br>504<br>580<br>655   | 10.3<br>12.1<br>13.9<br>15.7<br>17.5<br>19.3<br>21.1 | 182<br>257<br>333<br>409<br>484<br>560<br>635   | 11.6<br>13.6<br>15.6<br>17.7<br>19.7<br>21.8<br>23.8 | 164<br>240<br>316<br>391<br>467<br>542<br>618   | 12.8<br>15.0<br>17.2<br>19.5<br>21.8<br>24.0<br>26.2 |
| DS 1300 | 750<br>900<br>1050<br>1200<br>1350<br>1500<br>1650   | 617<br>761<br>905<br>1049<br>1192<br>1336<br>1480 | 3.5<br>4.2<br>4.9<br>5.6<br>6.2<br>6.9<br>7.6        | 565<br>709<br>852<br>996<br>1139<br>1283<br>1427 | 6.7<br>8.0<br>9.3<br>10.6<br>12.0<br>13.3<br>14.6 | 517<br>661<br>805<br>948<br>1091<br>1235<br>1379 | 9.6<br>11.5<br>13.4<br>15.3<br>17.2<br>19.1<br>21.0 | 473<br>617<br>760<br>904<br>1048<br>1191<br>1335 | 12.2<br>14.7<br>17.1<br>19.6<br>22.0<br>24.5<br>26.9 | 435<br>578<br>722<br>866<br>1009<br>1153<br>1297 | 14.7<br>17.6<br>20.6<br>23.5<br>26.5<br>29.4<br>32.4 | 400<br>543<br>686<br>830<br>974<br>1118<br>1261 | 17.0<br>20.4<br>23.8<br>27.2<br>30.6<br>34.0<br>37.4 | 367<br>511<br>654<br>797<br>941<br>1085<br>1229 | 19.1<br>22.9<br>26.8<br>30.6<br>34.4<br>38.2<br>42.1 | 339<br>482<br>626<br>770<br>914<br>1057<br>1201 | 21.1<br>25.3<br>29.6<br>33.8<br>38.0<br>42.2<br>46.4 |

03

### TABLA DE SELECCIÓN DE SOPLADORES TRABAJANDO POR PRESIÓN

Los valores indicados corresponden a presión atmosférica normal P: 1013 mbar y temperatura de admisión de aire T: 20 °C con una tolerancia de +/- 5%

| MOD      | RPM   | 100(   | (mbar)   | 200(   | (mbar)   | 300(   | mbar)  | 400(   | mbar)  | 500(   | mbar)   | 600(   | mbar)  | 700(   | mbar)   | 800(   | mbar)  |
|----------|---|--|--|--|--|--|--|--|--|--|---|--|--|--|---|--|--|
|          |   | Qs (m³/h)  | P (HP)   | Qs (m³/h)  | P (HP)   | Qs (m³/h)  | P (HP)   | Qs (m³/h)  | P (HP)   | Qs (m³/h)  | P (HP)  | Qs (m³/h)  | P (HP)   | Qs (m³/h)  | P (HP)  | Qs (m³/h)  | P (HP)   |
| DS 1800  | 750<br>900<br>1050<br>1200<br>1350<br>1500                | 799<br>984<br>1169<br>1355<br>1540<br>1725                   | 4.5<br>5.4<br>6.3<br>7.2<br>8.1<br>9.0               | 757<br>942<br>1127<br>1313<br>1498<br>1683                   | 8.6<br>10.3<br>12.0<br>13.7<br>15.4<br>17.1                  | 719<br>904<br>1089<br>1274<br>1460<br>1645                   | 12.3<br>14.8<br>17.2<br>19.7<br>22.2<br>24.6                 | 684<br>869<br>1055<br>1240<br>1425<br>1610                   | 15.8<br>18.9<br>22.1<br>25.2<br>28.4<br>31.5                 | 652<br>837<br>1022<br>1208<br>1393<br>1578                   | 19.0<br>22.8<br>26.6<br>30.3<br>34.1<br>37.9                  | 623<br>809<br>994<br>1179<br>1364<br>1550                    | 21.9<br>26.3<br>30.7<br>35.1<br>39.5<br>43.8                   | 600<br>785<br>971<br>1156<br>1341<br>1526                    | 24.7<br>29.6<br>34.5<br>39.5<br>44.4<br>49.3                    | 577<br>762<br>947<br>1132<br>1318<br>1503                    | 27.2<br>32.7<br>38.1<br>43.5<br>49.0<br>54.4                     |
| DS 2800  | 600<br>750<br>900<br>1050<br>1200<br>1350                 | 1910<br>1021<br>1361<br>1701<br>2041<br>2381<br>2722         | 9.9<br>6.5<br>8.1<br>9.7<br>11.4<br>13.0<br>14.6     | 957<br>1297<br>1637<br>1978<br>2318<br>2658                  | 18.9<br>12.4<br>15.5<br>18.6<br>21.8<br>24.8<br>28.0         | 902<br>1243<br>1583<br>1923<br>2263<br>2603                  | 27.1<br>17.9<br>22.3<br>26.8<br>31.3<br>35.7<br>40.2         | 1795<br>853<br>1193<br>1533<br>1873<br>2213<br>2554          | 34.7<br>22.9<br>28.6<br>34.3<br>40.0<br>45.8<br>51.5         | 1763<br>812<br>1152<br>1492<br>1832<br>2173<br>2513          | 41.7<br>27.5<br>34.4<br>41.3<br>48.1<br>55.0<br>61.9          | 1735<br>776<br>1116<br>1456<br>1796<br>2137<br>2477          | 48.2<br>31.8<br>39.7<br>47.7<br>55.6<br>63.6<br>71.5           | 1711<br>744<br>1084<br>1424<br>1765<br>2105<br>2445          | 54.3<br>35.8<br>44.7<br>53.7<br>62.6<br>71.6<br>80.5            | 719<br>1059<br>1399<br>1739<br>2080<br>2420                  | 59.9<br>39.5<br>49.4<br>59.2<br>69.1<br>79.0<br>88.9             |
| DS 4500  | 1500<br>600<br>750<br>900<br>1050<br>1200<br>1350<br>1500 | 3062<br>1663<br>2183<br>2703<br>3223<br>3742<br>4262<br>4782 | 9.9<br>12.4<br>14.9<br>17.4<br>19.8<br>22.3<br>24.8  | 2998<br>1573<br>2093<br>2612<br>3133<br>3652<br>4172<br>4691 | 31.1<br>19.0<br>23.7<br>28.5<br>33.2<br>38.0<br>42.7<br>47.5 | 2944<br>1493<br>2133<br>2533<br>3053<br>3572<br>4092<br>4612 | 44.7<br>27.3<br>34.1<br>40.9<br>47.8<br>54.6<br>61.4<br>68.2 | 2894<br>1421<br>1940<br>2460<br>2980<br>3500<br>4019<br>4539 | 57.2<br>34.9<br>43.7<br>52.4<br>61.2<br>69.9<br>78.6<br>87.4 | 2853<br>1355<br>1874<br>2395<br>2914<br>3434<br>3953<br>4474 | 68.8<br>42.0<br>52.5<br>63.0<br>73.5<br>84.0<br>94.6<br>105.1 | 2817<br>1296<br>1816<br>2335<br>2855<br>3375<br>3895<br>4414 | 79.5<br>48.6<br>60.7<br>72.9<br>85.0<br>97.2<br>109.3<br>121.4 | 2785<br>1244<br>1763<br>2284<br>2803<br>3323<br>3842<br>4363 | 89.5<br>54.7<br>68.3<br>82.0<br>95.7<br>109.3<br>123.0<br>136.6 | 2760<br>1199<br>1718<br>2239<br>2758<br>3278<br>3797<br>4318 | 98.8<br>60.3<br>75.4<br>90.5<br>105.6<br>120.7<br>135.7<br>150.9 |
| DS 9000  | 600<br>750<br>900<br>1050<br>1200<br>1350<br>1500         | 3536<br>4537<br>5538<br>6540<br>7542<br>8538<br>9540         | 19.4<br>24.2<br>29.1<br>33.9<br>37.9<br>43.6<br>48.4 | 3329<br>4330<br>5331<br>6330<br>7332<br>8334<br>9336         | 34.7<br>43.4<br>52.1<br>60.7<br>69.4<br>78.1<br>86.8         | 3223<br>4223<br>5224<br>6222<br>7202<br>8226<br>9228         | 49.9<br>62.4<br>74.9<br>87.4<br>99.9<br>112.3<br>124.8       | 3122<br>4123<br>5124<br>6126<br>7128<br>8124<br>9126         | 64.0<br>80.0<br>95.9<br>111.9<br>127.9<br>143.9<br>160.0     | 3029<br>4030<br>5030<br>6030<br>7032<br>8034<br>9036         | 78.9<br>98.6<br>118.3<br>138.0<br>157.8<br>177.5<br>197.3     | 2956<br>3956   | 92.4<br>115.5<br>138.5<br>161.6<br>184.8<br>207.9<br>230.9     | 2855<br>3856   | 106.6<br>133.2  | 2802<br>3828<br>4804<br>5804<br>6804<br>7806<br>8808         | 119.1<br>148.9<br>178.8<br>208.5<br>238.3<br>268.1<br>297.8      |
| DS 17000 | 600<br>700<br>800<br>900<br>1000<br>1100<br>1200          | 8298<br>9828<br>11358<br>12888<br>14418                      | 43.3<br>50.6<br>57.8<br>65.0<br>72.2<br>79.4         | 7986<br>9516<br>11046<br>12576<br>14106<br>15636<br>17166    | 77.8<br>90.7<br>104.2<br>116.7<br>129.6                      | 7740<br>9270<br>10800<br>12330<br>13860<br>15390<br>16920    | 111.9<br>130.6<br>149.3<br>167.9<br>186.5<br>205.2<br>223.9  | 7512<br>9042<br>10572<br>12102<br>13632<br>15162<br>16692    | 147.0<br>171.5<br>196.1<br>220.6<br>245.0                    | 7314<br>8844<br>10374<br>11904<br>13434<br>14964<br>16494    | 179.8<br>209.7<br>239.8<br>269.7<br>299.6                     | 7146<br>8676<br>10206<br>11736<br>13266<br>14796<br>16326    | 215.0<br>250.9<br>286.7<br>322.5<br>358.3<br>394.3<br>430.1    | 6978<br>8508<br>10038<br>11568<br>13098<br>14628<br>16158    | 245.0<br>285.9<br>326.8<br>367.6<br>408.5<br>449.2<br>490.1     | 6810<br>8340<br>9870<br>11400<br>12930<br>14460<br>15990     | 284.7<br>332.2<br>379.6<br>427.1<br>474.6<br>521.9<br>569.4      |
| DS 22000 | 600<br>650<br>700<br>750<br>800<br>850<br>900             |  |  | 13818<br>15084<br>16344<br>17604<br>18864<br>20130<br>21390  |  | 13530<br>14790<br>16050<br>17316<br>18576<br>19836<br>21096  |  | 13278<br>14538<br>15798<br>17064<br>18324<br>19584<br>20844  | 242.5<br>262.7<br>282.8<br>303.1<br>323.3<br>343.4<br>363.7  | 13056<br>14316<br>15576<br>16842<br>18102<br>19362<br>20622  | 345.8<br>370.7<br>395.3<br>420.0                              | 17892<br>19158   | 354.6<br>384.2<br>413.7<br>443.2<br>472.8<br>502.3<br>532.0    |  | 404.2<br>437.8<br>471.5<br>505.2<br>538.8<br>572.5<br>606.1     | 12528<br>13788<br>15048<br>16314<br>17574<br>18834<br>20100  |  |

### TABLA DE SELECCIÓN DE SOPLADORES TRABAJANDO POR VACÍO

Los valores indicados corresponden a presión atmosférica normal P: 1013 mbar y temperatura de admisión de aire T: 20 °C con una tolerancia de +/- 5%

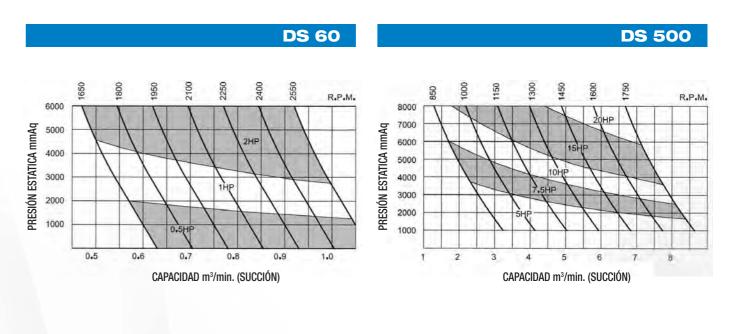
| MOD      | RPM  | -100(   | mbar)   | -200   | (mbar)  | -250(  | mbar)  | -300(  | mbar)   | -350(  | (mbar)   | -400  | (mbar)   | -500(   | (mbar)   |
|----------|--|---|---|--|---|--|--|--|---|--|--|---|--|---|--|
|          |  | Qs (m³/h)   | P (HP)  | Qs (m³/h)  | P (HP)  | Qs (m³/h)  | P (HP)   | Qs (m³/h)  | P (HP)  | Qs (m³/h)  | P (HP)   | Qs (m³/h)                                       | P (HP)   | Qs (m³/h)                                       | P (HP)   |
| DSV 60   | 1650<br>1800<br>1950<br>2100<br>2250<br>2400<br>2550 | 36<br>41<br>45<br>50<br>54<br>58<br>63            | 0.3<br>0.3<br>0.3<br>0.3<br>0.3<br>0.4<br>0.4 | 35<br>39<br>43<br>48<br>52<br>57<br>61           | 0.5<br>0.5<br>0.6<br>0.6<br>0.7<br>0.7            | 33<br>37<br>42<br>46<br>51<br>55<br>59           | 0.6<br>0.6<br>0.7<br>0.7<br>0.8<br>0.8<br>0.9      | 31<br>35<br>40<br>44<br>49<br>53<br>58           | 0.7<br>0.7<br>0.8<br>0.9<br>0.9<br>1.0              | 30<br>35<br>39<br>43<br>48<br>52<br>57           | 0.8<br>0.8<br>0.9<br>1.0<br>1.1<br>1.1               | 29<br>33<br>37<br>42<br>46<br>51<br>55          | 0.8<br>0.9<br>1.0<br>1.1<br>1.1<br>1.2               |   |  |
| DSV 150  | 850<br>1000<br>1150<br>1300<br>1450<br>1600<br>1750  | 59<br>79<br>98<br>117<br>136<br>156<br>175        | 0.5<br>0.6<br>0.8<br>0.8<br>0.9<br>1.0        | 49<br>68<br>88<br>107<br>127<br>146<br>165       | 1.1<br>1.3<br>1.4<br>1.6<br>1.8<br>2.0<br>2.2     | 43<br>62<br>82<br>101<br>121<br>140<br>159       | 1.3<br>1.6<br>1.8<br>2.0<br>2.3<br>2.5<br>2.7      | 37<br>56<br>75<br>95<br>114<br>133<br>152        | 1.6<br>1.8<br>2.1<br>2.4<br>2.7<br>2.9<br>3.2       | 31<br>50<br>69<br>89<br>108<br>127<br>146        | 1.8<br>2.1<br>2.4<br>2.7<br>3.1<br>3.4<br>3.7        | 22<br>41<br>61<br>80<br>99<br>118<br>137        | 2.0<br>2.4<br>2.7<br>3.1<br>3.4<br>3.8<br>4.2        | 16<br>35<br>55<br>74<br>94<br>113               | 2.2<br>2.6<br>3.0<br>3.4<br>3.8<br>4.2<br>4.6        |
| DSV 300  | 850<br>1000<br>1150<br>1300<br>1450<br>1600<br>1750  | 125<br>156<br>187<br>218<br>249<br>280<br>311     | 0.9<br>1.0<br>1.2<br>1.4<br>1.5<br>1.7        | 115<br>146<br>177<br>208<br>239<br>270<br>301    | 1.7<br>2.0<br>2.3<br>2.6<br>2.9<br>3.2<br>3.5     | 108<br>139<br>170<br>201<br>232<br>263<br>294    | 2.1<br>2.5<br>2.9<br>3.2<br>3.6<br>4.0<br>4.4      | 101<br>131<br>163<br>194<br>224<br>256<br>287    | 2.5<br>3.0<br>3.4<br>3.8<br>4.3<br>4.7<br>5.2       | 93<br>124<br>155<br>186<br>217<br>248<br>279     | 2.9<br>3.4<br>3.9<br>4.4<br>4.9<br>5.4<br>5.9        | 85<br>115<br>146<br>178<br>208<br>239<br>271    | 3.2<br>3.8<br>4.4<br>5.0<br>5.5<br>6.1<br>6.7        | 76<br>106<br>133<br>169<br>199<br>230<br>262    | 3.6<br>4.2<br>4.9<br>5.5<br>6.2<br>6.8<br>7.4        |
| DSV 500  | 850<br>1000<br>1150<br>1300<br>1450<br>1600<br>1750  | 194<br>248<br>302<br>356<br>410<br>464<br>518     | 1.5<br>1.8<br>2.0<br>2.3<br>2.6<br>2.8<br>3.1 | 170<br>224<br>278<br>332<br>386<br>440<br>494    | 2.9<br>3.4<br>3.9<br>4.4<br>4.9<br>5.4<br>5.9     | 156<br>210<br>264<br>318<br>372<br>426<br>480    | 3.5<br>4.1<br>4.7<br>5.4<br>6.0<br>6.6<br>7.2      | 142<br>196<br>250<br>304<br>358<br>412<br>466    | 4.1<br>4.9<br>5.6<br>6.3<br>7.0<br>7.8<br>8.5       | 126<br>180<br>234<br>288<br>342<br>396<br>450    | 4.7<br>5.6<br>6.4<br>7.2<br>8.0<br>8.9<br>9.7        | 110<br>164<br>218<br>272<br>326<br>380<br>434   | 5.3<br>6.2<br>7.1<br>8.1<br>9.0<br>9.9<br>10.9       | 92<br>146<br>200<br>254<br>308<br>362<br>416    | 5.8<br>6.9<br>7.9<br>8.9<br>9.9<br>11.0<br>12.0      |
| DSV 700  | 850<br>1000<br>1150<br>1300<br>1450<br>1600<br>1750  | 348<br>424<br>499<br>575<br>650<br>726<br>802     | 2.1<br>2.5<br>2.8<br>3.2<br>3.6<br>4.0<br>4.3 | 311<br>387<br>463<br>538<br>614<br>689<br>765    | 4.0<br>4.7<br>5.4<br>6.1<br>6.9<br>7.6<br>8.3     | 291<br>367<br>442<br>518<br>593<br>669<br>745    | 4.9<br>5.8<br>6.7<br>7.5<br>8.4<br>9.3<br>10.1     | 269<br>344<br>420<br>496<br>571<br>647<br>722    | 5.8<br>6.8<br>7.8<br>8.8<br>9.9<br>10.9             | 245<br>321<br>397<br>472<br>548<br>623<br>699    | 6.6<br>7.8<br>8.9<br>10.1<br>11.3<br>12.4<br>13.6    | 220<br>296<br>371<br>447<br>523<br>598<br>674   | 7.4<br>8.7<br>10.0<br>11.3<br>12.6<br>13.9<br>15.2   | 193<br>269<br>344<br>420<br>496<br>571<br>647   | 8.2<br>9.6<br>11.0<br>12.5<br>13.9<br>15.4<br>16.8   |
| DSV 1300 | 750<br>900<br>1050<br>1200<br>1350<br>1500<br>1650   | 617<br>761<br>905<br>1049<br>1192<br>1336<br>1480 | 3.5<br>4.2<br>4.9<br>5.6<br>6.2<br>6.9<br>7.6 | 558<br>702<br>845<br>989<br>1133<br>1276<br>1420 | 6.7<br>8.0<br>9.3<br>10.6<br>12.0<br>13.3<br>14.6 | 527<br>670<br>814<br>958<br>1101<br>1245<br>1388 | 8.1<br>9.8<br>11.4<br>13.0<br>14.6<br>16.3<br>17.9 | 492<br>636<br>779<br>923<br>1067<br>1210<br>1354 | 9.6<br>11.5<br>13.4<br>15.3<br>17.2<br>19.1<br>21.0 | 457<br>601<br>744<br>887<br>1031<br>1175<br>1319 | 10.9<br>13.1<br>15.3<br>17.5<br>19.7<br>21.8<br>24.0 | 421<br>564<br>707<br>851<br>995<br>1139<br>1282 | 12.2<br>14.7<br>17.1<br>19.6<br>22.0<br>24.5<br>26.9 | 339<br>482<br>626<br>770<br>914<br>1057<br>1201 | 14.7<br>17.6<br>20.6<br>23.5<br>26.5<br>29.4<br>32.4 |

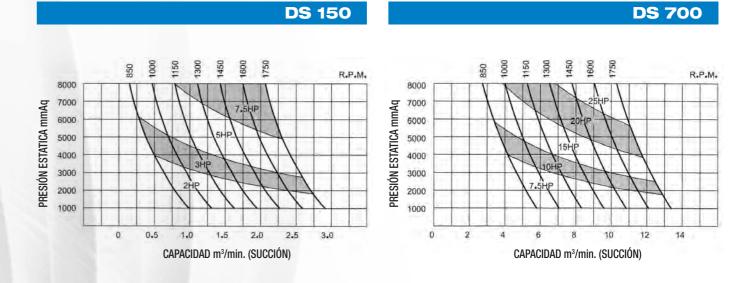
### TABLA DE SELECCIÓN DE SOPLADORES TRABAJANDO POR VACÍO

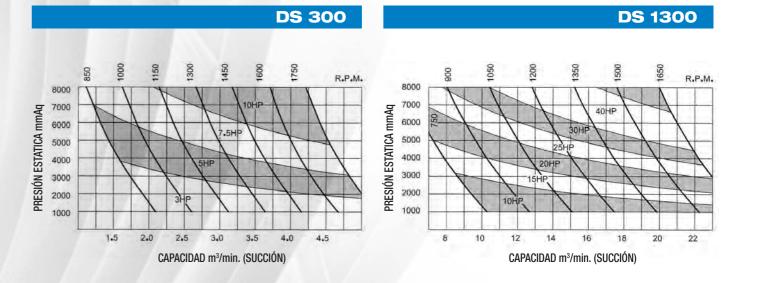
Los valores indicados corresponden a presión atmosférica normal P: 1013 mbar y temperatura de admisión de aire T: 20 °C con una tolerancia de +/- 5%

| MOD      | RPM   | -100  | (mbar)   | -200  | (mbar)  | -250(   | mbar)   | -300(   | mbar)   | -350  | (mbar)  | -400  | (mbar)  | -500  | mbar)   |
|----------|---|---|--|---|---|---|---|---|---|---|---|---|---|---|---|
|          |   | Qs (m³/h)   | P (HP)   | Qs (m³/h)   | P (HP)  | Qs (m³/h)   | P (HP)  | Qs (m³/h)   | P (HP)  | Qs (m³/h)   | P (HP)  | Qs (m³/h)   | P (HP)  | Qs (m³/h)   | P (HP)  |
| DSV 1800 | 750<br>900<br>1050<br>1200<br>1350<br>1500        | 799<br>984<br>1169<br>1355<br>1540<br>1725<br>1910          | 4.5<br>5.4<br>6.3<br>7.2<br>8.1<br>9.0<br>9.9          | 753<br>938<br>1124<br>1309<br>1494<br>1679<br>1865          | 8.6<br>10.3<br>12.0<br>13.7<br>15.4<br>17.1<br>18.9         | 728<br>914<br>1099<br>1284<br>1469<br>1655<br>1840          | 10.5<br>12.6<br>14.7<br>16.8<br>18.9<br>21.0<br>23.1        | 701<br>887<br>1072<br>1257<br>1442<br>1627<br>1813          | 12.3<br>14.8<br>17.2<br>19.7<br>22.2<br>24.6<br>27.1        | 672<br>857<br>1042<br>1228<br>1412<br>1598<br>1783          | 14.1<br>16.9<br>19.7<br>22.5<br>25.3<br>28.2<br>31.0        | 641<br>826<br>1012<br>1196<br>1382<br>1567<br>1752          | 15.8<br>18.9<br>22.1<br>25.2<br>28.4<br>31.5<br>34.7        | 573<br>758<br>943<br>1129<br>1314<br>1499<br>1684           | 19.0<br>22.8<br>26.6<br>30.3<br>34.1<br>37.9<br>41.7        |
| DSV 2800 | 600<br>750<br>900<br>1050<br>1200<br>1350<br>1500 | 1021<br>1361<br>1701<br>2041<br>2381<br>2722<br>3062        | 6.5<br>8.1<br>9.7<br>11.4<br>13.0<br>14.6<br>16.2      | 959<br>1300<br>1640<br>1980<br>2320<br>2660<br>3001         | 12.4<br>15.5<br>18.6<br>21.8<br>24.8<br>28.0<br>31.1        | 925<br>1265<br>1606<br>1947<br>2286<br>2626<br>2966         | 15.2<br>19.0<br>22.8<br>26.6<br>30.4<br>34.2<br>38.0        | 892<br>1232<br>1572<br>1912<br>2252<br>2593<br>2933         | 17.9<br>22.2<br>26.8<br>31.3<br>35.7<br>40.2<br>44.7        | 853<br>1193<br>1533<br>1879<br>2213<br>2554<br>2894         | 20.4<br>25.5<br>30.6<br>35.7<br>40.8<br>45.9<br>51.1        | 809<br>1150<br>1490<br>1830<br>2170<br>2510<br>2851         | 22.9<br>28.6<br>34.3<br>40.0<br>45.8<br>51.5<br>57.2        | 719<br>1059<br>1399<br>1739<br>2080<br>2420<br>2760         | 27.5<br>34.4<br>41.3<br>48.1<br>55.0<br>61.9<br>68.8        |
| DSV 4500 | 600<br>750<br>900<br>1050<br>1200<br>1350<br>1500 | 1663<br>2183<br>2703<br>3223<br>3742<br>4262<br>4782        | 9.9<br>12.4<br>14.9<br>17.4<br>19.8<br>22.3<br>24.8    | 1573<br>2093<br>2612<br>3133<br>3652<br>4172<br>4691        | 19.0<br>23.7<br>28.5<br>33.2<br>38.0<br>42.7<br>47.5        | 1521<br>2041<br>2561<br>3080<br>3600<br>4120<br>4640        | 23.2<br>29.0<br>34.8<br>40.6<br>46.5<br>52.3<br>58.1        | 1466<br>1985<br>2505<br>3025<br>3545<br>4064<br>4584        | 27.3<br>34.1<br>40.9<br>47.8<br>54.6<br>61.4<br>68.2        | 1407<br>1927<br>2446<br>2966<br>3486<br>4006<br>4525        | 31.2<br>39.0<br>46.8<br>54.6<br>62.4<br>70.2<br>78.0        | 1341<br>1861<br>2380<br>2900<br>3420<br>3940<br>4459        | 34.9<br>43.7<br>52.4<br>61.2<br>69.9<br>78.6<br>87.4        | 1199<br>1718<br>2239<br>2758<br>3278<br>3797<br>4318        | 42.0<br>52.5<br>63.0<br>73.5<br>84.0<br>94.6<br>105.1       |
| DSV 9000 | 600<br>750<br>900<br>1050<br>1200<br>1350<br>1500 | 3536<br>4537<br>5538<br>6540<br>7542<br>8538<br>9540        | 19.1<br>23.9<br>28.7<br>33.4<br>38.2<br>43.0<br>47.8   | 3376<br>4377<br>5378<br>6378<br>7380<br>8382<br>9378        | 36.6<br>45.7<br>54.8<br>64.0<br>73.1<br>82.2<br>91.4        | 3289<br>4290<br>5291<br>6294<br>7290<br>8292<br>9294        | 44.7<br>55.9<br>67.1<br>78.3<br>89.4<br>100.6<br>111.8      | 3189<br>4190<br>5191<br>6192<br>7194<br>8196<br>9192        | 52.6<br>65.7<br>78.8<br>92.0<br>105.1<br>118.2<br>131.4     | 3089<br>4090<br>5091<br>6090<br>7092<br>8094<br>9096        | 60.1<br>75.1<br>90.1<br>105.1<br>120.2<br>135.2<br>150.2    | 2983<br>3983<br>4984<br>5985<br>6984<br>7986<br>8988        | 67.3<br>84.1<br>100.9<br>117.8<br>134.6<br>151.4<br>168.2   | 2742<br>3803<br>4744<br>5744<br>6744<br>7746<br>8748        | 80.9<br>101.1<br>121.4<br>141.6<br>161.9<br>182.1<br>202.2  |
| DS 17000 | 600<br>700<br>800<br>900<br>1000<br>1100<br>1200  | 8298<br>9828<br>11346<br>12876<br>14406<br>15936<br>17466   | 43.9<br>51.9<br>58.5<br>65.8<br>73.1<br>80.4<br>87.8   | 7938<br>9468<br>10998<br>12528<br>14058<br>15588<br>17118   | 76.9<br>89.7<br>102.5<br>115.3<br>128.1<br>140.9<br>153.7   | 7710<br>9240<br>10770<br>12300<br>13830<br>15360<br>16890   | 92.7<br>108.2<br>123.6<br>139.1<br>154.5<br>170.0<br>185.5  | 7482<br>9012<br>10542<br>12072<br>13602<br>15132<br>16662   | 111.2<br>129.8<br>148.3<br>166.8<br>185.3<br>204.0<br>222.5 | 7284<br>8814<br>10344<br>11874<br>13404<br>14934<br>16464   | 126.3<br>147.4<br>168.4<br>189.3<br>210.4<br>231.5<br>252.5 | 7074<br>8604<br>10134<br>11664<br>13194<br>14724<br>16254   | 141.9<br>165.5<br>189.2<br>212.8<br>236.4<br>260.0<br>283.8 | 6474<br>8004<br>9534<br>11064<br>12594<br>14124<br>15654    | 176.6<br>206.1<br>235.6<br>265.0<br>294.5<br>323.9<br>353.4 |
| DS 22000 | 600<br>650<br>700<br>750<br>800<br>850<br>900     | 14178<br>15444<br>16704<br>17964<br>19224<br>20490<br>21750 | 71.1<br>77.0<br>82.9<br>88.8<br>94.7<br>100.7<br>106.6 | 13698<br>14964<br>16224<br>17484<br>18750<br>20010<br>21270 | 128.4<br>139.2<br>149.8<br>160.5<br>171.2<br>182.0<br>192.7 | 13476<br>14736<br>15996<br>17256<br>18522<br>19782<br>21042 | 157.3<br>170.4<br>183.4<br>196.6<br>209.7<br>222.9<br>235.9 | 13170<br>14430<br>15696<br>16956<br>18216<br>19476<br>20742 | 184.9<br>200.3<br>215.8<br>231.2<br>246.6<br>262.0<br>277.5 | 12996<br>14256<br>15516<br>16782<br>18042<br>19302<br>20562 | 213.2<br>231.1<br>248.8<br>266.6<br>284.3<br>302.1<br>319.8 | 12744<br>14004<br>15264<br>16524<br>17790<br>19050<br>20310 | 242.1<br>262.2<br>282.4<br>302.5<br>322.8<br>342.9<br>363.0 | 12210<br>13476<br>14736<br>15996<br>17256<br>18522<br>19782 | 299.0<br>324.0<br>348.9<br>373.9<br>398.7<br>423.6<br>448.6 |

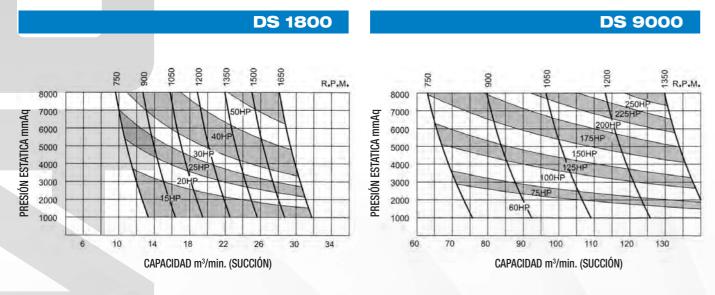
# curva de rendimiento de la **presión**

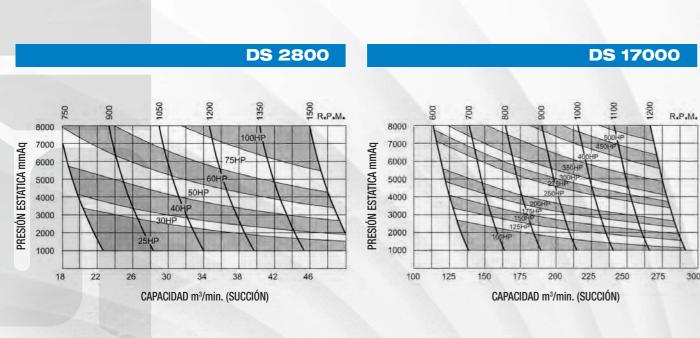


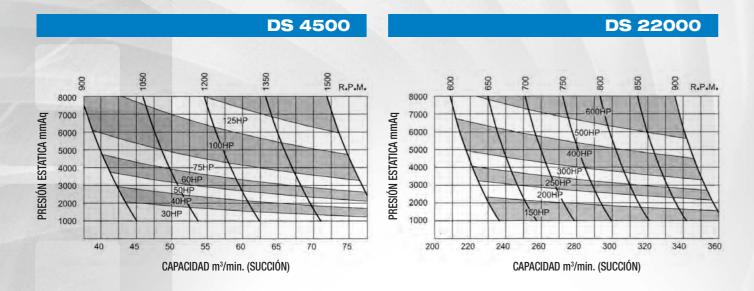




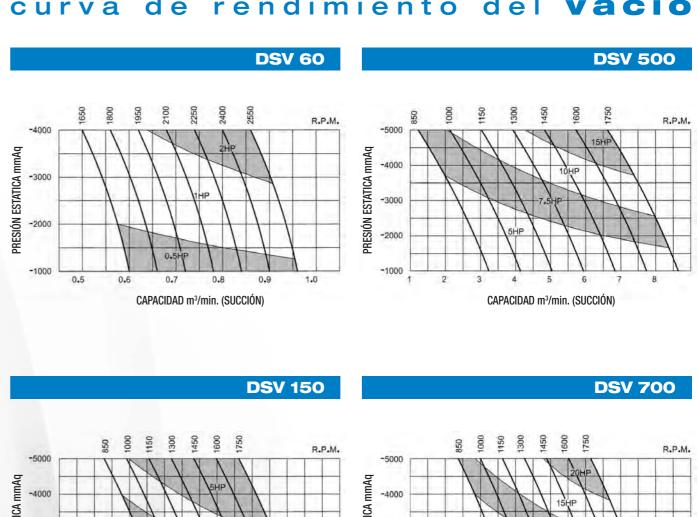
## curva de rendimiento de la **presión**

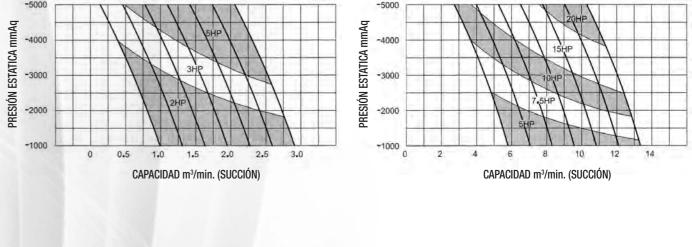


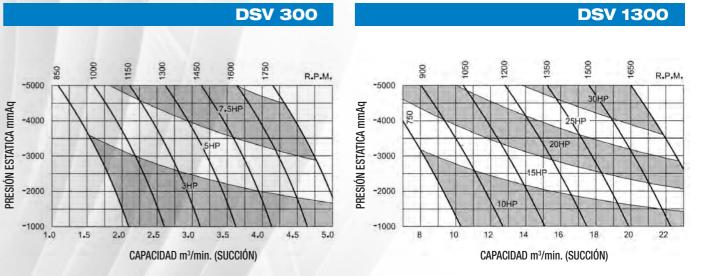




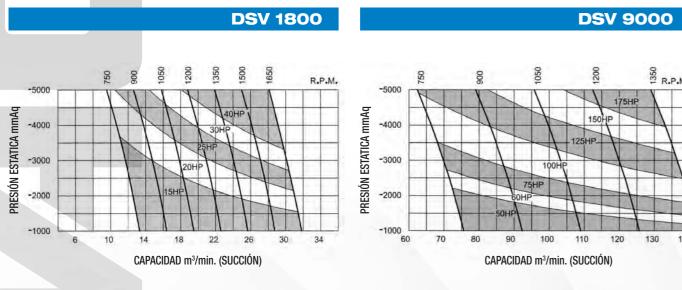
### curva de rendimiento del vacío

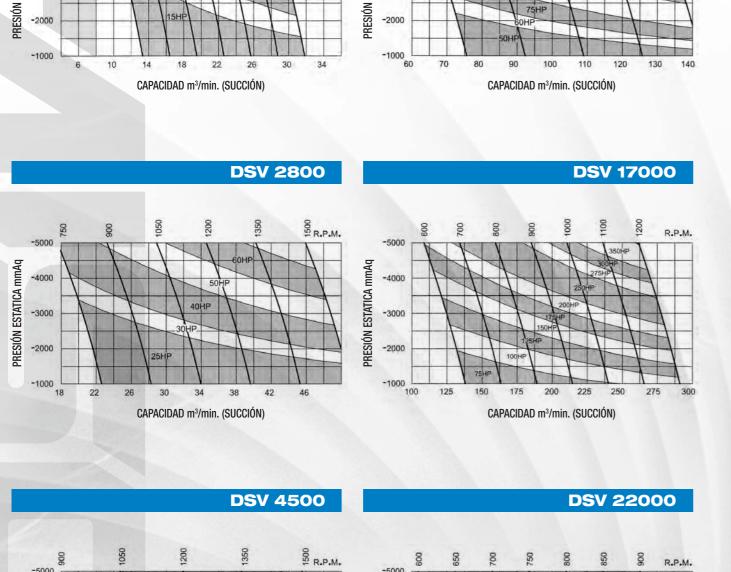


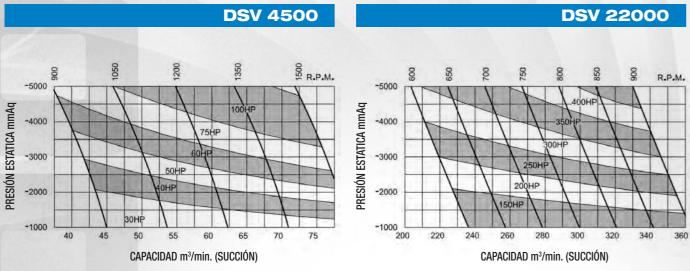




### curva de rendimiento del vacío





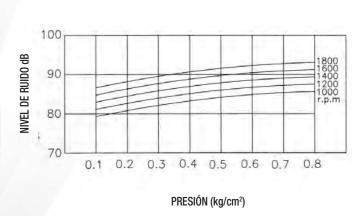


### especificaciones de rendimiento de ruido



0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8

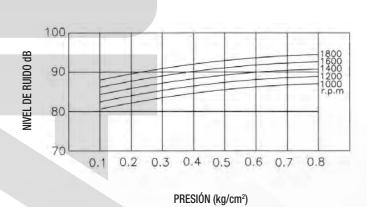
PRESIÓN (kg/cm²)

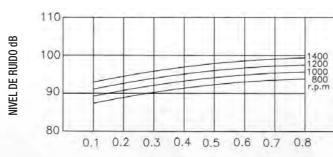


### especificaciones de rendimiento de ruido

### **DS-DSV 1800**

### **DS-DSV 9000**

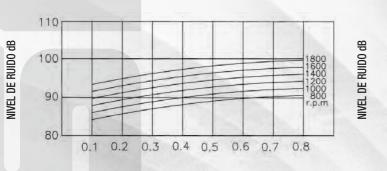




PRESIÓN (kg/cm²)

### **DS-DSV 2800**

### **DS-DSV 17000**



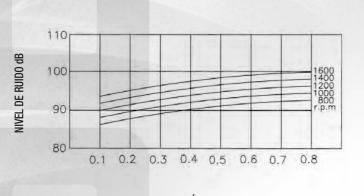


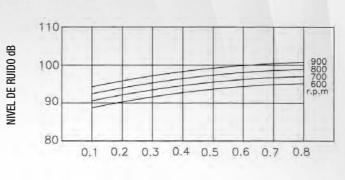
PRESIÓN (kg/cm²)

PRESIÓN (kg/cm²)

### **DS-DSV 4500**

### **DS-DSV 22000**



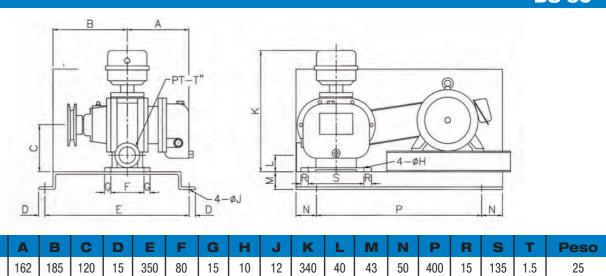


PRESIÓN (kg/cm²)

PRESIÓN (kg/cm²)

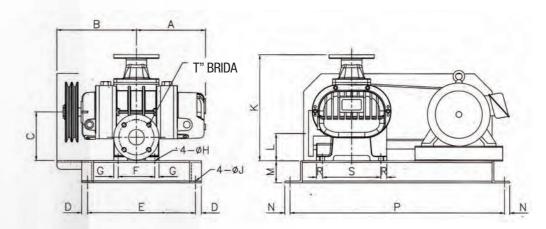
#### **DIMENSIONES Y PESOS**

### DS 60



Dimensiones: mm / Peso: kg

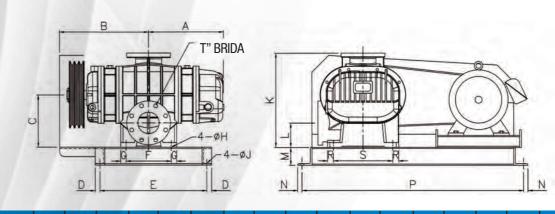
### **DS 150/300**



| MODELO | A   | В   | C   | D  | E   | F   | G  | н  | J  | K   | L  | М  | N  | P   | R  | S   | Т   | Peso |
|--------|-----|-----|-----|----|-----|-----|----|----|----|-----|----|----|----|-----|----|-----|-----|------|
| DS 150 | 240 | 270 | 168 | 20 | 370 | 125 | 15 | 15 | 15 | 356 | 90 | 75 | 18 | 734 | 15 | 200 | 2   | 76   |
| DS 300 | 280 | 290 | 173 | 20 | 370 | 210 | 15 | 15 | 15 | 356 | 95 | 75 | 18 | 734 | 15 | 200 | 2.5 | 94   |

Dimensiones: mm / Peso: kg

### **DS** 500/1800



| MODELO  | A   | В   | C   | D  | E   | F   | G  | н  | J  | K   | L   | M   | N  | Р    | R  | S   | Т | Peso |
|---------|-----|-----|-----|----|-----|-----|----|----|----|-----|-----|-----|----|------|----|-----|---|------|
| DS 500  | 315 | 375 | 220 | 20 | 450 | 190 | 25 | 19 | 15 | 395 | 102 | 75  | 18 | 934  | 25 | 250 | 3 | 167  |
| DS 700  | 365 | 425 | 220 | 20 | 450 | 290 | 25 | 19 | 15 | 395 | 115 | 75  | 18 | 934  | 25 | 250 | 4 | 193  |
| DS 1300 | 445 | 485 | 300 | 25 | 605 | 320 | 25 | 19 | 19 | 515 | 155 | 100 | 20 | 1190 | 25 | 350 | 5 | 353  |
| DS 1800 | 500 | 540 | 300 | 25 | 605 | 425 | 25 | 19 | 19 | 515 | 155 | 100 | 20 | 1190 | 25 | 350 | 6 | 418  |

Dimensiones: mm / Peso: kg

12