



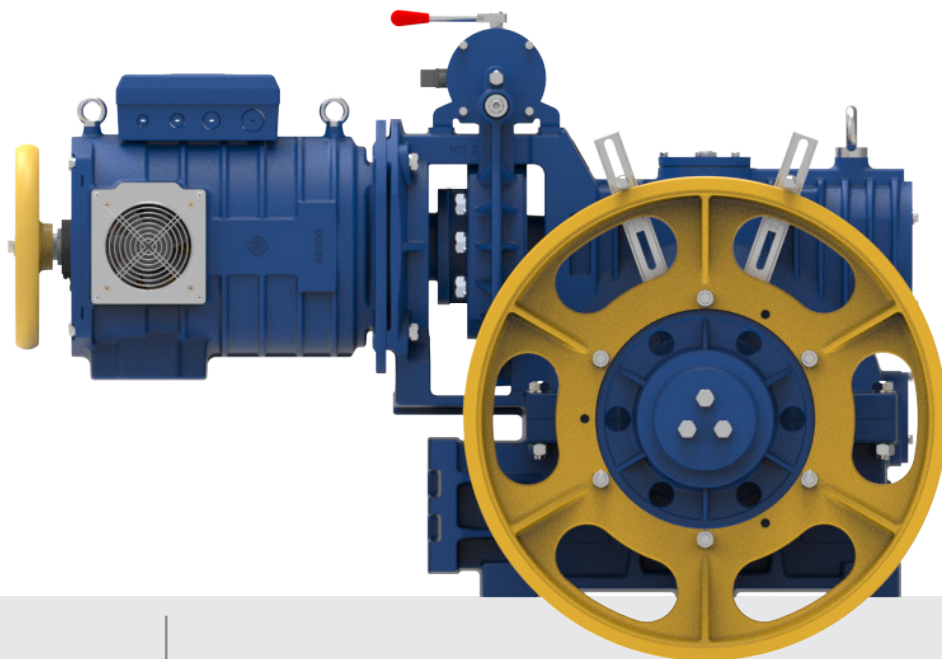
**Montanari Group**

GEARLESS&GEARBOX  
TRACTION MACHINES

ARGANO  
GEARBOX  
TREUIL  
GETRIEBE  
REDUCTOR

RANGE  
**M105**

TOP  
SELLER  
1600/2000 kg  
1 - 2,5 m/s  
T.S. 600/650 mm



Carico Statico  
Static Load  
Charge Statique  
Statische Belastung  
Carga Estática

**M105  
M105AL**

9800 kg

Motori  
Motor  
Moteurs  
Motoren  
Motores

**B9 - B3**

VVVF 4 - 6 P  
AC2 4/16 - 6/24 P

Capacità Olio  
Oil Capacity  
Capacité Huile  
Ölmenge  
Capacidad Aceite

16.50 l

Peso Riduttore  
Reductor Weight  
Poids Reducteur  
Getriebe Gewicht  
Peso Reductor

M105 = 520 kg  
M105AL = 620 kg  
M105B = 670 kg  
M105AL-B = 770 kg  
M105-B3 = 605 kg  
M105AL-B3 = 705 kg  
M105B-B3 = 705 kg  
M105ALB-B3 = 855 kg

Disponibile anche nella versione AtEx.  
Available also in AtEx version.  
Également disponible en version AtEx.  
Auch in der AtEx-Version erhältlich.  
Disponible también en versión AtEx.



| Rapporti<br>Ratio<br>Rapport<br>Übersetzung<br>Reducción | Momento torcente<br>Torque Moment<br>Moment de Torsion<br>Torsionsmoment<br>Par de Torsion | Rendimento<br>Efficiency<br>Rendement<br>Wirkungsgrad<br>Rendimiento |               |
|----------------------------------------------------------|--------------------------------------------------------------------------------------------|----------------------------------------------------------------------|---------------|
|                                                          | Nm                                                                                         | 1500/1800 RPM                                                        | 1000/1200 RPM |
| 1/71                                                     | 5250                                                                                       | 0.71                                                                 | 0.68          |
| 1/65                                                     | 5454                                                                                       | 0.73                                                                 | 0.70          |
| 1/49                                                     | 5550                                                                                       | 0.77                                                                 | 0.74          |
| 2/63                                                     | 4363                                                                                       | 0.85                                                                 | 0.83          |
| 2/53                                                     | 4446                                                                                       | 0.85                                                                 | 0.83          |
| 4/67                                                     | 3950                                                                                       | 0.89                                                                 | 0.87          |

Gestisci il tuo argano con:  
Manage your gearbox with:  
Gérez votre treuil avec :  
Verwalten Sie Ihre Getriebe mit:  
Gestiona tu reductor con:

**montanariapp**

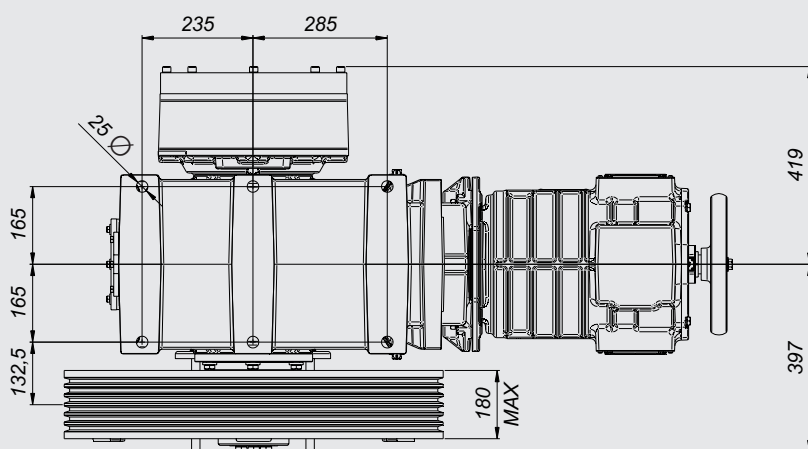
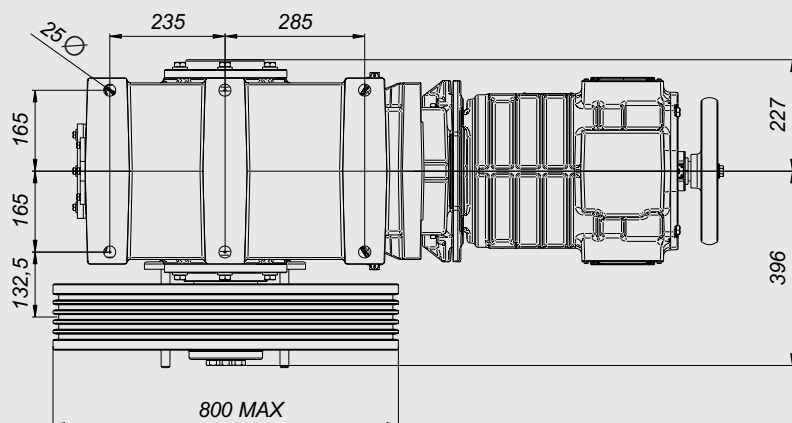
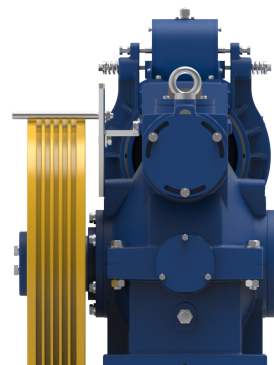
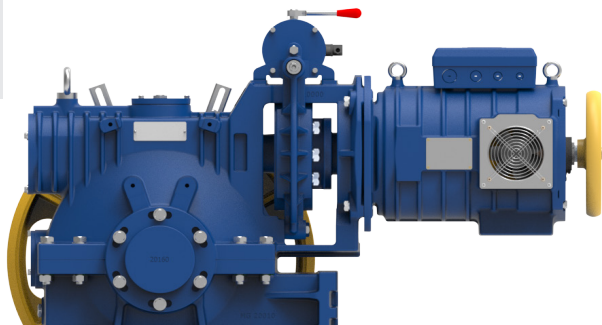
Telaio & Protezioni  
Bedplate & Safety guards  
Bati & Protections  
Maschinenrahmen & Seilschutzbügel  
Bancada & Protecciones

#106  
109

MORE ON  
OUR WEBSITE

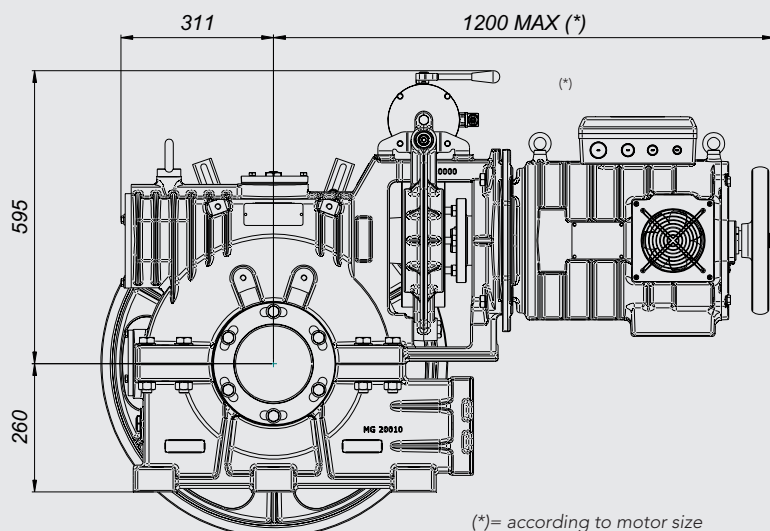


## M105



## M105B

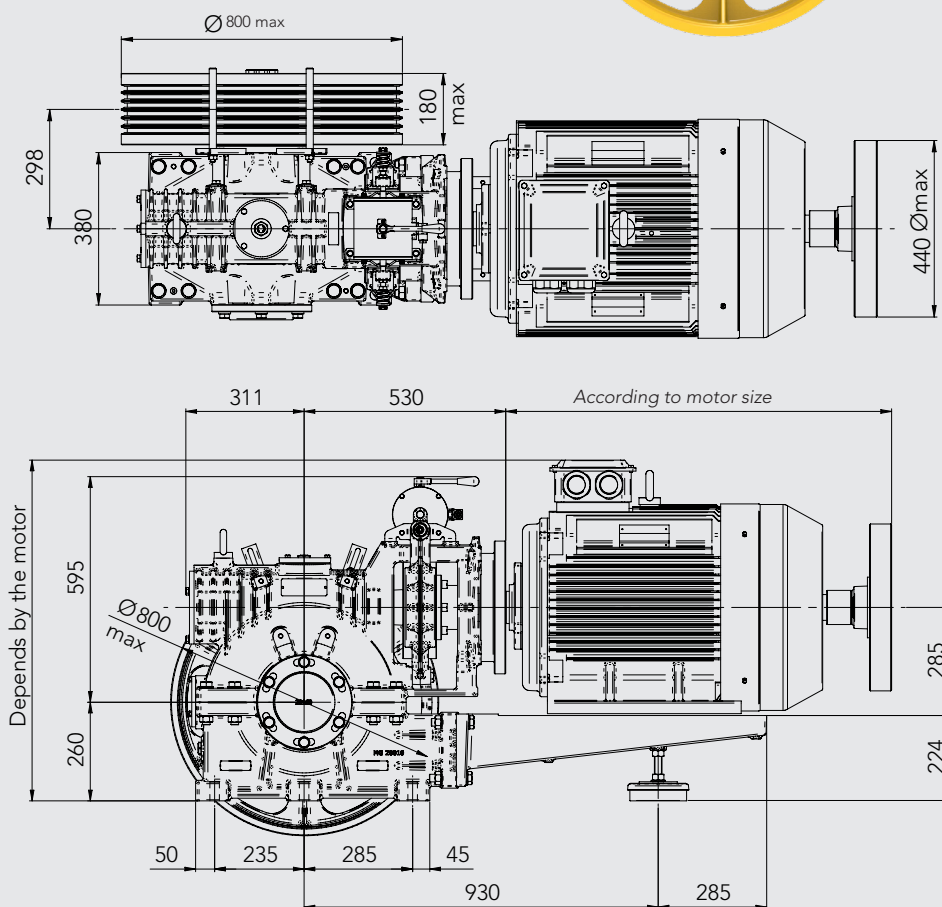
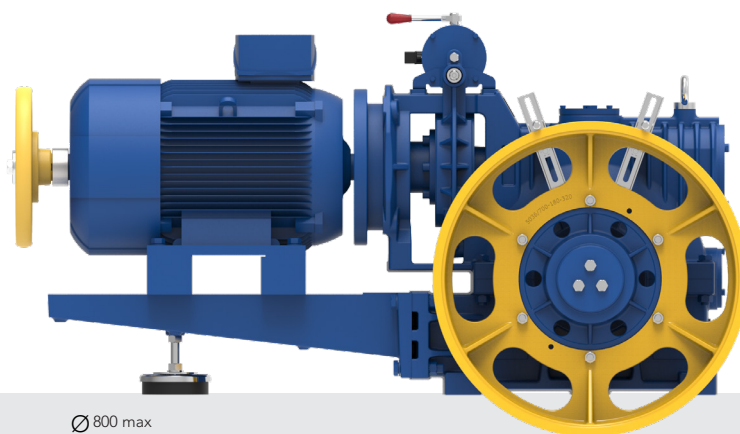
Auxiliary brake on slow shaft  
Freno ausiliario sull'albero lento  
**EN81 - 20: Compliant - Conforme**



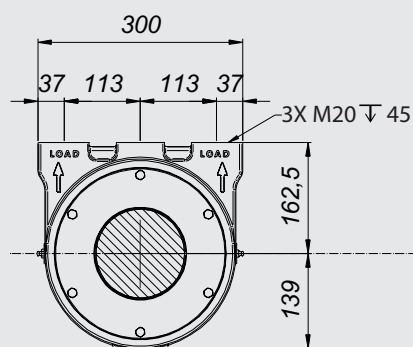
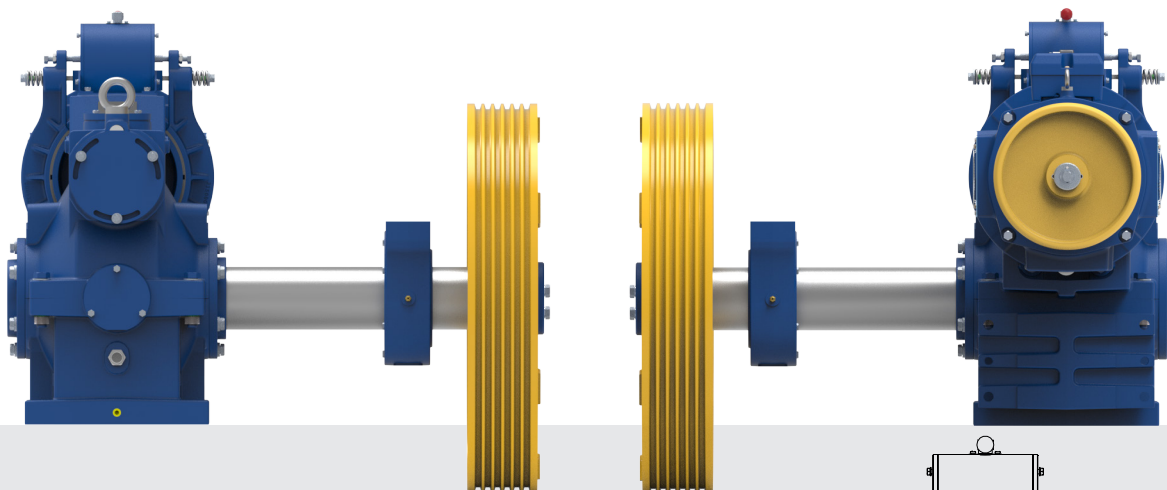
### Freno ausiliario - Auxiliary brake - Frein auxiliaire Notbremse - Freno auxiliar

| Momento Torcente<br>Torque Moment<br>Moment de Torsion<br>Torsionsmoment<br>Par de torsión | Voltaggio<br>Voltage<br>Tension<br>Spannung<br>Voltaje | Potenza<br>Power<br>Puissance<br>Leistungen<br>Potencia |
|--------------------------------------------------------------------------------------------|--------------------------------------------------------|---------------------------------------------------------|
| Nm                                                                                         | V DC                                                   | W                                                       |
| 5000                                                                                       | 180/90                                                 | 324/91                                                  |

Conforme a / Complies with / Conforme à /  
Entspricht / Conforme con: EN 81-20 ed EN 81-50

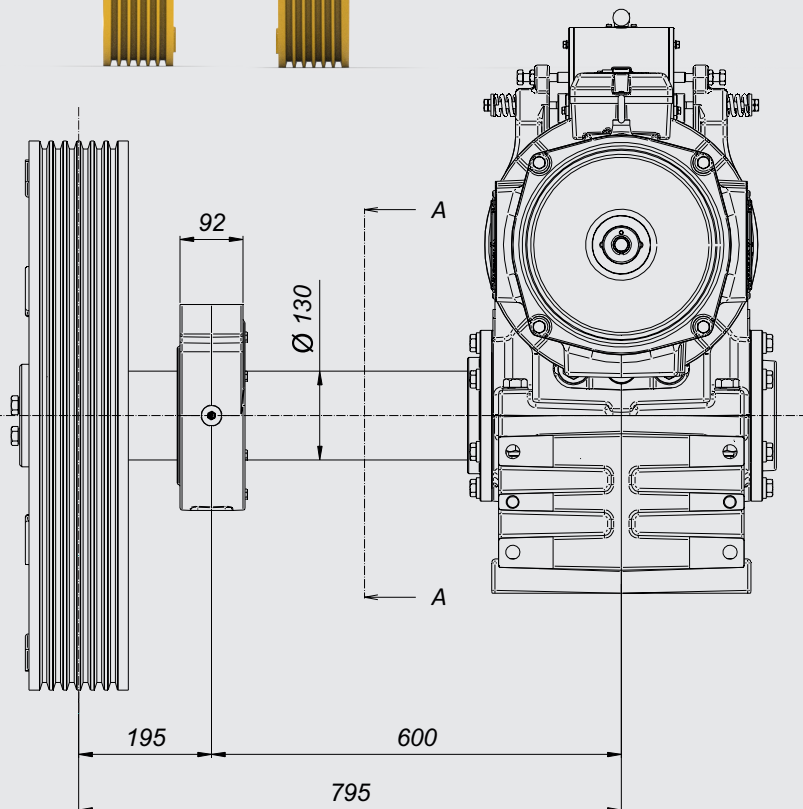


**M105AL**



Sez. A-A

**M105AL**

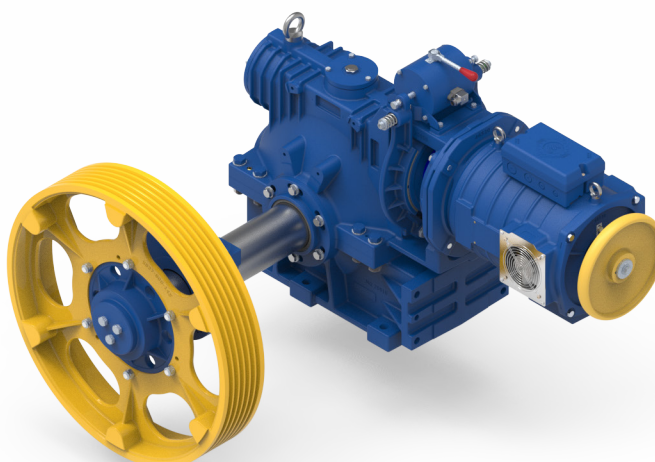


**Freno ausiliario - Auxiliary brake - Frein auxiliaire  
Notbremse - Freno auxiliar**

|                                                                                            |                                                        |                                                         |
|--------------------------------------------------------------------------------------------|--------------------------------------------------------|---------------------------------------------------------|
| Momento Torcente<br>Torque Moment<br>Moment de Torsion<br>Torsionsmoment<br>Par de torsión | Voltaggio<br>Voltage<br>Tension<br>Spannung<br>Voltaje | Potenza<br>Power<br>Puissance<br>Leistungen<br>Potencia |
|--------------------------------------------------------------------------------------------|--------------------------------------------------------|---------------------------------------------------------|

|      |        |        |
|------|--------|--------|
| Nm   | V DC   | W      |
| 5000 | 180/90 | 324/91 |

Confome a / Complies with / Conforme à /  
Entspricht / Conforme con: EN 81-20 ed EN 81-50



## 4P - VVVF 1500 RPM

## 6P - VVVF 1000 RPM

|  |  |  | kW Async. |      |      |      |      |      |      |      |      |  | kW Async. |      |      |      |      |      |      |      |      |      |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------|------|------|------|------|------|------|------|------|------------------------------------------------------------------------------------|-----------|------|------|------|------|------|------|------|------|------|
|                                                                                   |                                                                                   |                                                                                   | 11        | 13   | 15   | 18,5 | 22   | 26   | 30   | 37   | 45   |                                                                                    | 7,5       | 9    | 11   | 13   | 15   | 18,5 | 22   | 26   | 30   |      |
| ø mm                                                                              |                                                                                   | m/s                                                                               | kg        |      |      |      |      |      |      |      |      |                                                                                    |           |      |      |      |      |      |      |      |      |      |
| 450                                                                               | 1/71                                                                              | 0,50                                                                              | 2665      | 3150 | 3635 | 3806 |      |      |      |      |      |                                                                                    | 0,33      | 2611 | 3133 | 3806 |      |      |      |      |      |      |
| 480                                                                               | 1/71                                                                              | 0,53                                                                              | 2499      | 2953 | 3407 | 3568 |      |      |      |      |      |                                                                                    | 0,35      | 2448 | 2937 | 3568 |      |      |      |      |      |      |
| 450                                                                               | 1/65                                                                              | 0,54                                                                              | 2509      | 2965 | 3421 | 3953 |      |      |      |      |      |                                                                                    | 0,36      | 2460 | 2953 | 3609 | 3953 |      |      |      |      |      |
| 520                                                                               | 1/71                                                                              | 0,58                                                                              | 2307      | 2726 | 3145 | 3293 |      |      |      |      |      |                                                                                    | 0,38      | 2259 | 2711 | 3293 |      |      |      |      |      |      |
| 480                                                                               | 1/65                                                                              | 0,58                                                                              | 2352      | 2780 | 3207 | 3706 |      |      |      |      |      |                                                                                    | 0,39      | 2307 | 2768 | 3383 | 3706 |      |      |      |      |      |
| 550                                                                               | 1/71                                                                              | 0,61                                                                              | 2181      | 2577 | 2974 | 3114 |      |      |      |      |      |                                                                                    | 0,41      | 2136 | 2563 | 3114 |      |      |      |      |      |      |
| 520                                                                               | 1/65                                                                              | 0,63                                                                              | 2171      | 2566 | 2961 | 3421 |      |      |      |      |      |                                                                                    | 0,42      | 2129 | 2555 | 3123 | 3421 |      |      |      |      |      |
| 580                                                                               | 1/71                                                                              | 0,64                                                                              | 2068      | 2444 | 2820 | 2953 |      |      |      |      |      |                                                                                    | 0,43      | 2026 | 2431 | 2953 |      |      |      |      |      |      |
| 600                                                                               | 1/71                                                                              | 0,66                                                                              | 1999      | 2363 | 2726 | 2854 |      |      |      |      |      |                                                                                    | 0,44      | 1958 | 2350 | 2854 |      |      |      |      |      |      |
| 550                                                                               | 1/65                                                                              | 0,66                                                                              | 2053      | 2426 | 2799 | 3235 |      |      |      |      |      |                                                                                    | 0,44      | 2013 | 2416 | 2953 | 3235 |      |      |      |      |      |
| 580                                                                               | 1/65                                                                              | 0,70                                                                              | 1947      | 2300 | 2654 | 3067 |      |      |      |      |      |                                                                                    | 0,47      | 1909 | 2291 | 2800 | 3067 |      |      |      |      |      |
| 650                                                                               | 1/71                                                                              | 0,72                                                                              | 1845      | 2181 | 2516 | 2635 |      |      |      |      |      |                                                                                    | 0,48      | 1807 | 2169 | 2635 |      |      |      |      |      |      |
| 600                                                                               | 1/65                                                                              | 0,72                                                                              | 1882      | 2224 | 2566 | 2965 |      |      |      |      |      |                                                                                    | 0,48      | 1845 | 2214 | 2707 | 2965 |      |      |      |      |      |
| 450                                                                               | 1/49                                                                              | 0,72                                                                              | 1969      | 2327 | 2685 | 3312 | 3745 |      |      |      |      |                                                                                    | 0,48      | 1961 | 2353 | 2876 | 3399 | 3736 |      |      |      |      |
| 700                                                                               | 1/71                                                                              | 0,77                                                                              | 1713      | 2025 | 2337 | 2446 |      |      |      |      |      |                                                                                    | 0,52      | 1678 | 2014 | 2446 |      |      |      |      |      |      |
| 480                                                                               | 1/49                                                                              | 0,77                                                                              | 1846      | 2182 | 2517 | 3105 | 3511 |      |      |      |      |                                                                                    | 0,51      | 1838 | 2206 | 2696 | 3186 | 3502 |      |      |      |      |
| 650                                                                               | 1/65                                                                              | 0,79                                                                              | 1737      | 2053 | 2369 | 2737 |      |      |      |      |      |                                                                                    | 0,52      | 1703 | 2044 | 2498 | 2737 |      |      |      |      |      |
| 750                                                                               | 1/71                                                                              | 0,83                                                                              | 1599      | 1890 | 2181 | 2283 |      |      |      |      |      |                                                                                    | 0,55      | 1566 | 1880 | 2283 |      |      |      |      |      |      |
| 520                                                                               | 1/49                                                                              | 0,83                                                                              | 1704      | 2014 | 2324 | 2866 | 3241 |      |      |      |      |                                                                                    | 0,56      | 1697 | 2036 | 2489 | 2941 | 3233 |      |      |      |      |
| 700                                                                               | 1/65                                                                              | 0,85                                                                              | 1613      | 1906 | 2199 | 2542 |      |      |      |      |      |                                                                                    | 0,56      | 1582 | 1898 | 2320 | 2542 |      |      |      |      |      |
| 800                                                                               | 1/71                                                                              | 0,88                                                                              | 1499      | 1772 | 2044 | 2141 |      |      |      |      |      |                                                                                    | 0,59      | 1469 | 1762 | 2141 |      |      |      |      |      |      |
| 550                                                                               | 1/49                                                                              | 0,88                                                                              | 1611      | 1904 | 2197 | 2709 | 3064 |      |      |      |      |                                                                                    | 0,59      | 1604 | 1925 | 2353 | 2781 | 3056 |      |      |      |      |
| 750                                                                               | 1/65                                                                              | 0,91                                                                              | 1505      | 1779 | 2053 | 2372 |      |      |      |      |      |                                                                                    | 0,60      | 1476 | 1772 | 2165 | 2372 |      |      |      |      |      |
| 580                                                                               | 1/49                                                                              | 0,93                                                                              | 1528      | 1805 | 2083 | 2569 | 2905 |      |      |      |      |                                                                                    | 0,62      | 1521 | 1826 | 2231 | 2637 | 2898 |      |      |      |      |
| 600                                                                               | 1/49                                                                              | 0,96                                                                              | 1477      | 1745 | 2014 | 2484 | 2809 |      |      |      |      |                                                                                    | 0,64      | 1471 | 1765 | 2157 | 2549 | 2802 |      |      |      |      |
| 800                                                                               | 1/65                                                                              | 0,97                                                                              | 1411      | 1668 | 1924 | 2224 |      |      |      |      |      |                                                                                    | 0,64      | 1384 | 1661 | 2030 | 2224 |      |      |      |      |      |
| 650                                                                               | 1/49                                                                              | 1,04                                                                              | 1363      | 1611 | 1859 | 2293 | 2592 |      |      |      |      |                                                                                    | 0,69      | 1357 | 1629 | 1991 | 2353 | 2586 |      |      |      |      |
| 700                                                                               | 1/49                                                                              | 1,12                                                                              | 1266      | 1496 | 1726 | 2129 | 2407 |      |      |      |      |                                                                                    | 0,75      | 1261 | 1513 | 1849 | 2185 | 2401 |      |      |      |      |
| 450                                                                               | 2/63                                                                              | 1,12                                                                              | 1416      | 1673 | 1931 | 2381 | 2831 | 3163 |      |      |      |                                                                                    | 0,75      | 1414 | 1697 | 2074 | 2451 | 2828 | 3163 |      |      |      |
| 750                                                                               | 1/49                                                                              | 1,20                                                                              | 1181      | 1396 | 1611 | 1987 | 2247 |      |      |      |      |                                                                                    | 0,80      | 1176 | 1412 | 1726 | 2039 | 2241 |      |      |      |      |
| 480                                                                               | 2/63                                                                              | 1,20                                                                              | 1327      | 1569 | 1810 | 2232 | 2654 | 2965 |      |      |      |                                                                                    | 0,80      | 1325 | 1591 | 1944 | 2297 | 2651 | 2965 |      |      |      |
| 800                                                                               | 1/49                                                                              | 1,28                                                                              | 1108      | 1309 | 1510 | 1863 | 2106 |      |      |      |      |                                                                                    | 0,85      | 1103 | 1324 | 1618 | 1912 | 2101 |      |      |      |      |
| 520                                                                               | 2/63                                                                              | 1,30                                                                              | 1225      | 1448 | 1671 | 2060 | 2450 | 2737 |      |      |      |                                                                                    | 0,86      | 1224 | 1468 | 1794 | 2121 | 2447 | 2737 |      |      |      |
| 450                                                                               | 2/53                                                                              | 1,33                                                                              | 1065      | 1259 | 1452 | 1791 | 2130 | 2517 | 2904 | 3223 |      |                                                                                    | 0,89      | 1060 | 1273 | 1555 | 1838 | 2121 | 2616 | 3111 | 3223 |      |
| 550                                                                               | 2/63                                                                              | 1,37                                                                              | 1158      | 1369 | 1580 | 1948 | 2317 | 2588 |      |      |      |                                                                                    | 0,91      | 1157 | 1388 | 1697 | 2005 | 2314 | 2588 |      |      |      |
| 480                                                                               | 2/53                                                                              | 1,42                                                                              | 998       | 1180 | 1361 | 1679 | 1997 | 2360 | 2723 | 3021 |      |                                                                                    | 0,95      | 994  | 1193 | 1458 | 1723 | 1988 | 2452 | 2916 | 3021 |      |
| 580                                                                               | 2/63                                                                              | 1,45                                                                              | 1098      | 1298 | 1498 | 1847 | 2197 | 2454 |      |      |      |                                                                                    | 0,96      | 1097 | 1316 | 1609 | 1901 | 2194 | 2454 |      |      |      |
| 600                                                                               | 2/63                                                                              | 1,50                                                                              | 1062      | 1255 | 1448 | 1786 | 2124 | 2372 |      |      |      |                                                                                    | 1,00      | 1060 | 1272 | 1555 | 1838 | 2121 | 2372 |      |      |      |
| 520                                                                               | 2/53                                                                              | 1,54                                                                              | 922       | 1089 | 1257 | 1550 | 1843 | 2178 | 2513 | 2789 |      |                                                                                    | 1,03      | 918  | 1101 | 1346 | 1591 | 1835 | 2264 | 2692 | 2789 |      |
| 650                                                                               | 2/63                                                                              | 1,62                                                                              | 980       | 1158 | 1337 | 1648 | 1960 | 2190 |      |      |      |                                                                                    | 1,08      | 979  | 1175 | 1436 | 1697 | 1958 | 2190 |      |      |      |
| 550                                                                               | 2/53                                                                              | 1,63                                                                              | 871       | 1030 | 1188 | 1465 | 1743 | 2059 | 2376 | 2637 |      |                                                                                    | 1,09      | 868  | 1041 | 1273 | 1504 | 1735 | 2140 | 2545 | 2637 |      |
| 580                                                                               | 2/53                                                                              | 1,72                                                                              | 826       | 976  | 1127 | 1390 | 1652 | 1953 | 2253 | 2500 |      |                                                                                    | 1,15      | 823  | 987  | 1207 | 1426 | 1646 | 2029 | 2413 | 2500 |      |
| 700                                                                               | 2/63                                                                              | 1,75                                                                              | 910       | 1076 | 1241 | 1531 | 1820 | 2033 |      |      |      |                                                                                    | 1,16      | 909  | 1091 | 1333 | 1575 | 1818 | 2033 |      |      |      |
| 600                                                                               | 2/53                                                                              | 1,78                                                                              | 799       | 944  | 1089 | 1343 | 1597 | 1888 | 2178 | 2417 |      |                                                                                    | 1,19      | 795  | 954  | 1166 | 1379 | 1591 | 1962 | 2333 | 2417 |      |
| 750                                                                               | 2/63                                                                              | 1,87                                                                              | 849       | 1004 | 1158 | 1429 | 1699 | 1898 |      |      |      |                                                                                    | 1,25      | 848  | 1018 | 1244 | 1470 | 1697 | 1898 |      |      |      |
| 650                                                                               | 2/53                                                                              | 1,93                                                                              | 737       | 871  | 1005 | 1240 | 1474 | 1743 | 2011 | 2231 |      |                                                                                    | 1,28      | 734  | 881  | 1077 | 1273 | 1468 | 1811 | 2154 | 2231 |      |
| 800                                                                               | 2/63                                                                              | 1,99                                                                              | 796       | 941  | 1086 | 1339 | 1593 | 1779 |      |      |      |                                                                                    | 1,33      | 795  | 954  | 1166 | 1378 | 1591 | 1779 |      |      |      |
| 700                                                                               | 2/53                                                                              | 2,07                                                                              | 685       | 809  | 934  | 1151 | 1369 | 1618 | 1867 | 2072 |      |                                                                                    | 1,38      | 682  | 818  | 1000 | 1182 | 1363 | 1682 | 2000 | 2072 |      |
| 450                                                                               | 4/67                                                                              | 2,11                                                                              | 788       | 932  | 1075 | 1326 | 1576 | 1863 | 2150 | 2651 | 2915 |                                                                                    | 1,41      | 797  | 957  | 1169 | 1382 | 1594 | 1966 | 2338 | 2763 | 2915 |
| 750                                                                               | 2/53                                                                              | 2,22                                                                              | 639       | 755  | 871  | 1075 | 1278 | 1510 | 1743 | 1934 |      |                                                                                    | 1,48      | 636  | 764  | 933  | 1103 | 1273 | 1569 | 1866 | 1934 |      |
| 480                                                                               | 4/67                                                                              | 2,25                                                                              | 739       | 873  | 1008 | 1243 | 1478 | 1747 | 2015 | 2486 | 2733 |                                                                                    | 1,50      | 747  | 897  | 1096 | 1295 | 1495 | 1843 | 2192 | 2591 | 2733 |
| 800                                                                               | 2/53                                                                              | 2,37                                                                              | 599       | 708  | 817  | 1007 | 1198 | 1416 | 1634 | 1813 |      |                                                                                    | 1,58      | 596  | 716  | 875  | 1034 | 1193 | 1471 | 1750 | 1813 |      |
| 520                                                                               | 4/67                                                                              | 2,44                                                                              | 682       | 806  | 930  | 1147 | 1364 | 1612 | 1860 | 2294 | 2523 |                                                                                    | 1,63      | 690  | 828  | 1012 | 1196 | 1380 | 1701 | 2023 | 2391 | 2523 |
| 550                                                                               | 4/67                                                                              | 2,58                                                                              | 645       | 762  | 879  | 1085 | 1290 | 1524 | 1759 | 2169 | 2385 |                                                                                    | 1,72      | 652  | 783  | 957  | 1130 | 1304 | 1609 | 1913 | 2261 | 2385 |
| 580                                                                               | 4/67                                                                              | 2,72                                                                              | 612       | 723  | 834  | 1029 | 1223 | 1446 | 1668 | 2057 | 2262 |                                                                                    | 1,81      | 618  | 742  | 907  | 1072 | 1237 | 1525 | 1814 | 2144 | 2262 |
| 600                                                                               | 4/67                                                                              | 2,81                                                                              | 591       | 699  | 806  | 994  | 1182 | 1397 | 1612 | 1988 | 2187 |                                                                                    | 1,88      | 598  | 717  | 877  | 1036 | 1196 | 1475 | 1754 | 2072 | 2187 |
| 650                                                                               | 4/67                                                                              | 3,05                                                                              | 546       | 645  | 744  | 918  | 1091 | 1290 | 1488 | 1836 | 2018 |                                                                                    | 2,03      | 552  | 662  | 809  | 957  | 1104 | 1361 | 1619 | 1913 | 2018 |
| 700                                                                               | 4/67                                                                              | 3,28                                                                              | 507       | 599  | 691  | 852  | 1013 | 1198 | 1382 | 1704 | 1874 |                                                                                    | 2,19      | 512  | 615  | 752  | 888  | 1025 | 1264 | 1503 | 1776 | 1874 |
| 750                                                                               | 4/67                                                                              | 3,52                                                                              | 473       | 559  | 645  | 795  | 946  | 1118 | 1290 | 1591 | 1749 |                                                                                    | 2,34      | 478  | 574  | 701  | 829  | 957  | 1180 | 1403 | 1658 | 1749 |
| 800                                                                               | 4/67                                                                              | 3,75                                                                              | 443       | 524  | 605  | 746  | 887  | 1048 | 1209 | 1491 | 1640 |                                                                                    | 2,50      | 448  | 538  | 658  | 777  | 897  | 1106 | 1315 | 1554 | 1640 |

## 4/16P - AC2 1500/375 RPM

## 6/24P - AC2 1000/250 RPM

|  |  | kW Async. |      |      |      |      |      |      |      |           |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------|------|------|------|------|------|------|------|-----------|
|                                                                                   |                                                                                   | 13        | 15   | 18,5 | 22   | 26   | 30   | 37   | 45   | 55        |
| ø mm                                                                              |                                                                                   | m/s       | kg   |      |      |      |      |      |      |           |
| 450                                                                               | 1/71                                                                              | 0,50      | 2739 | 3161 | 3806 |      |      |      |      |           |
| 480                                                                               | 1/71                                                                              | 0,53      | 2568 | 2963 | 3568 |      |      |      |      |           |
| 450                                                                               | 1/65                                                                              | 0,54      | 2578 | 2975 | 3669 | 3953 |      |      |      |           |
| 520                                                                               | 1/71                                                                              | 0,58      | 2370 | 2735 | 3293 |      |      |      |      |           |
| 480                                                                               | 1/65                                                                              | 0,58      | 2417 | 2789 | 3440 | 3706 |      |      |      |           |
| 550                                                                               | 1/71                                                                              | 0,61      | 2241 | 2586 | 3114 |      |      |      |      |           |
| 520                                                                               | 1/65                                                                              | 0,63      | 2231 | 2575 | 3175 | 3421 |      |      |      |           |
| 580                                                                               | 1/71                                                                              | 0,64      | 2125 | 2452 | 2953 |      |      |      |      |           |
| 600                                                                               | 1/71                                                                              | 0,66      | 2054 | 2370 | 2854 |      |      |      |      |           |
| 550                                                                               | 1/65                                                                              | 0,66      | 2110 | 2434 | 3002 | 3235 |      |      |      |           |
| 580                                                                               | 1/65                                                                              | 0,70      | 2000 | 2308 | 2847 | 3067 |      |      |      |           |
| 650                                                                               | 1/71                                                                              | 0,72      | 1896 | 2188 | 2635 |      |      |      |      |           |
| 600                                                                               | 1/65                                                                              | 0,72      | 1934 | 2231 | 2752 | 2965 |      |      |      |           |
| 450                                                                               | 1/49                                                                              | 0,72      | 2024 | 2335 | 2880 | 3424 | 3745 |      |      |           |
| 700                                                                               | 1/71                                                                              | 0,77      | 1761 | 2032 | 2446 |      |      |      |      |           |
| 480                                                                               | 1/49                                                                              | 0,77      | 1897 | 2189 | 2700 | 3210 | 3511 |      |      |           |
| 650                                                                               | 1/65                                                                              | 0,79      | 1785 | 2060 | 2540 | 2737 |      |      |      |           |
| 750                                                                               | 1/71                                                                              | 0,83      | 1643 | 1896 | 2283 |      |      |      |      |           |
| 520                                                                               | 1/49                                                                              | 0,83      | 1751 | 2021 | 2492 | 2963 | 3241 |      |      |           |
| 700                                                                               | 1/65                                                                              | 0,85      | 1657 | 1912 | 2359 | 2542 |      |      |      |           |
| 800                                                                               | 1/71                                                                              | 0,88      | 1541 | 1778 | 2141 |      |      |      |      |           |
| 550                                                                               | 1/49                                                                              | 0,88      | 1656 | 1910 | 2356 | 2802 | 3064 |      |      |           |
| 750                                                                               | 1/65                                                                              | 0,91      | 1547 | 1785 | 2201 | 2372 |      |      |      |           |
| 580                                                                               | 1/49                                                                              | 0,93      | 1570 | 1812 | 2234 | 2657 | 2905 |      |      |           |
| 600                                                                               | 1/49                                                                              | 0,96      | 1518 | 1751 | 2160 | 2568 | 2809 |      |      |           |
| 800                                                                               | 1/65                                                                              | 0,97      | 1450 | 1673 | 2064 | 2224 |      |      |      |           |
| 650                                                                               | 1/49                                                                              | 1,04      | 1401 | 1616 | 1994 | 2371 | 2592 |      |      |           |
| 700                                                                               | 1/49                                                                              | 1,12      | 1455 | 1679 | 2070 | 2462 | 2910 | 3163 |      |           |
| 450                                                                               | 2/63                                                                              | 1,12      | 1301 | 1501 | 1851 | 2201 | 2407 |      |      |           |
| 750                                                                               | 1/49                                                                              | 1,20      | 1364 | 1574 | 1941 | 2308 | 2728 | 2965 |      |           |
| 480                                                                               | 2/63                                                                              | 1,20      | 1214 | 1401 | 1728 | 2055 | 2247 |      |      |           |
| 800                                                                               | 1/49                                                                              | 1,28      | 1138 | 1313 | 1620 | 1926 | 2106 |      |      |           |
| 520                                                                               | 2/63                                                                              | 1,30      | 1259 | 1453 | 1792 | 2131 | 2518 | 2737 |      |           |
| 450                                                                               | 2/53                                                                              | 1,33      | 1094 | 1263 | 1557 | 1852 | 2189 | 2525 | 3115 | 3223      |
| 550                                                                               | 2/63                                                                              | 1,37      | 1190 | 1374 | 1694 | 2014 | 2381 | 2588 |      |           |
| 480                                                                               | 2/53                                                                              | 1,42      | 1026 | 1184 | 1460 | 1736 | 2052 | 2368 | 2920 | 3021      |
| 580                                                                               | 2/63                                                                              | 1,45      | 1129 | 1302 | 1606 | 1910 | 2258 | 2454 |      |           |
| 600                                                                               | 2/63                                                                              | 1,50      | 1091 | 1259 | 1553 | 1847 | 2182 | 2372 |      |           |
| 520                                                                               | 2/53                                                                              | 1,54      | 947  | 1093 | 1348 | 1603 | 1894 | 2185 | 2695 | 2789      |
| 650                                                                               | 2/63                                                                              | 1,62      | 1007 | 1162 | 1433 | 1705 | 2014 | 2190 |      |           |
| 550                                                                               | 2/53                                                                              | 1,63      | 895  | 1033 | 1274 | 1515 | 1791 | 2066 | 2548 | 2637      |
| 580                                                                               | 2/53                                                                              | 1,72      | 849  | 980  | 1208 | 1437 | 1698 | 1959 | 2417 | 2500      |
| 700                                                                               | 2/63                                                                              | 1,75      | 935  | 1079 | 1331 | 1583 | 1871 | 2033 |      |           |
| 600                                                                               | 2/53                                                                              | 1,78      | 821  | 947  | 1168 | 1389 | 1642 | 1894 | 2336 | 2417      |
| 750                                                                               | 2/63                                                                              | 1,87      | 873  | 1007 | 1242 | 1477 | 1746 | 1898 |      |           |
| 650                                                                               | 2/53                                                                              | 1,93      | 758  | 874  | 1078 | 1282 | 1515 | 1748 | 2156 | 2231      |
| 800                                                                               | 2/63                                                                              | 1,99      | 818  | 944  | 1165 | 1385 | 1637 | 1779 |      |           |
| 700                                                                               | 2/53                                                                              | 2,07      | 704  | 812  | 1001 | 1191 | 1407 | 1624 | 2002 | 2072      |
| 450                                                                               | 4/67                                                                              | 2,11      | 810  | 935  | 1153 | 1371 | 1620 | 1869 | 2305 | 2804 2915 |
| 750                                                                               | 2/53                                                                              | 2,22      | 657  | 758  | 934  | 1111 | 1313 | 1515 | 1869 | 1934      |
| 480                                                                               | 4/67                                                                              | 2,25      | 759  | 876  | 1081 | 1285 | 1519 | 1752 | 2161 | 2629 2733 |
| 800                                                                               | 2/53                                                                              | 2,37      | 616  | 710  | 876  | 1042 | 1231 | 1421 | 1752 | 1813      |
| 520                                                                               | 4/67                                                                              | 2,44      | 701  | 809  | 998  | 1186 | 1402 | 1618 | 1995 | 2427 2523 |
| 550                                                                               | 4/67                                                                              | 2,58      | 663  | 765  | 943  | 1122 | 1326 | 1529 | 1886 | 2294 2385 |
| 580                                                                               | 4/67                                                                              | 2,72      | 628  | 725  | 894  | 1064 | 1257 | 1450 | 1789 | 2176 2262 |
| 600                                                                               | 4/67                                                                              | 2,81      | 608  | 701  | 865  | 1028 | 1215 | 1402 | 1729 | 2103 2187 |
| 650                                                                               | 4/67                                                                              | 3,05      | 561  | 647  | 798  | 949  | 1122 | 1294 | 1596 | 1941 2018 |
| 700                                                                               | 4/67                                                                              | 3,28      | 521  | 601  | 741  | 881  | 1041 | 1202 | 1482 | 1803 1874 |
| 750                                                                               | 4/67                                                                              | 3,52      | 486  | 561  | 692  | 823  | 972  | 1122 | 1383 | 1682 1749 |
| 800                                                                               | 4/67                                                                              | 3,75      | 456  | 526  | 648  | 771  | 911  | 1051 | 1297 | 1577 1640 |

|  | kW Async. |      |      |      |      |      |      |      |      |  |
|------------------------------------------------------------------------------------|-----------|------|------|------|------|------|------|------|------|--|
|                                                                                    | 9         | 11   | 13   | 15   | 18,5 | 22   | 26   | 30   | 37   |  |
| m/s                                                                                | kg        |      |      |      |      |      |      |      |      |  |
| 0,33                                                                               | 2724      | 3330 | 3806 |      |      |      |      |      |      |  |
| 0,35                                                                               | 2554      | 3122 | 3568 |      |      |      |      |      |      |  |
| 0,36                                                                               | 2567      | 3138 | 3709 | 3953 |      |      |      |      |      |  |
| 0,38                                                                               | 2358      | 2882 | 3293 |      |      |      |      |      |      |  |
| 0,39                                                                               | 2407      | 2942 | 3477 | 3706 |      |      |      |      |      |  |
| 0,41                                                                               | 2229      | 2724 | 3114 |      |      |      |      |      |      |  |
| 0,42                                                                               | 2222      | 2716 | 3209 | 3421 |      |      |      |      |      |  |
| 0,43                                                                               | 2114      | 2583 | 2953 |      |      |      |      |      |      |  |
| 0,44                                                                               | 2043      | 2497 | 2854 |      |      |      |      |      |      |  |
| 0,44                                                                               | 2101      | 2567 | 3034 | 3235 |      |      |      |      |      |  |
| 0,47                                                                               | 1992      | 2435 | 2877 | 3067 |      |      |      |      |      |  |
| 0,48                                                                               | 1886      | 2305 | 2635 |      |      |      |      |      |      |  |
| 0,48                                                                               | 1926      | 2354 | 2781 | 2965 |      |      |      |      |      |  |
| 0,48                                                                               | 2046      | 2501 | 2955 | 3410 | 3745 |      |      |      |      |  |
| 0,52                                                                               | 1751      | 2141 | 2446 |      |      |      |      |      |      |  |
| 0,51                                                                               | 1918      | 2344 | 2771 | 3197 | 3511 |      |      |      |      |  |
| 0,52                                                                               | 1777      | 2172 | 2567 | 2737 |      |      |      |      |      |  |
| 0,55                                                                               | 1635      | 1998 | 2283 |      |      |      |      |      |      |  |
| 0,56                                                                               | 1771      | 2164 | 2558 | 2951 | 3241 |      |      |      |      |  |
| 0,56                                                                               | 1651      | 2017 | 2384 | 2542 |      |      |      |      |      |  |
| 0,59                                                                               | 1532      | 1873 | 2141 |      |      |      |      |      |      |  |
| 0,59                                                                               | 1674      | 2046 | 2418 | 2790 | 3064 |      |      |      |      |  |
| 0,60                                                                               | 1540      | 1883 | 2225 | 2372 |      |      |      |      |      |  |
| 0,62                                                                               | 1587      | 1940 | 2293 | 2646 | 2905 |      |      |      |      |  |
| 0,64                                                                               | 1535      | 1876 | 2217 | 2558 | 2809 |      |      |      |      |  |
| 0,64                                                                               | 1444      | 1765 | 2086 | 2224 |      |      |      |      |      |  |
| 0,69                                                                               | 1417      | 1731 | 2046 | 2361 | 2592 |      |      |      |      |  |
| 0,75                                                                               | 1475      | 1803 | 2131 | 2459 | 3033 | 3163 |      |      |      |  |
| 0,75                                                                               | 1315      | 1608 | 1900 | 2192 | 2407 |      |      |      |      |  |
| 0,80                                                                               | 1383      | 1690 | 1998 | 2305 | 2843 | 2965 |      |      |      |  |
| 0,80                                                                               | 1228      | 1500 | 1773 | 2046 | 2247 |      |      |      |      |  |
| 0,85                                                                               | 1151      | 1407 | 1662 | 1918 | 2106 |      |      |      |      |  |
| 0,86                                                                               | 1277      | 1560 | 1844 | 2128 | 2624 | 2737 |      |      |      |  |
| 0,89                                                                               | 1107      | 1352 | 1598 | 1844 | 2275 | 2705 | 3197 | 3223 |      |  |
| 0,91                                                                               | 1207      | 1475 | 1744 | 2012 | 2481 | 2588 |      |      |      |  |
| 0,95                                                                               | 1037      | 1268 | 1498 | 1729 | 2132 | 2536 | 2997 | 3021 |      |  |
| 0,96                                                                               | 1145      | 1399 | 1653 | 1908 | 2353 | 2454 |      |      |      |  |
| 1,00                                                                               | 1106      | 1352 | 1598 | 1844 | 2274 | 2372 |      |      |      |  |
| 1,03                                                                               | 958       | 1170 | 1383 | 1596 | 1968 | 2341 | 2766 | 2789 |      |  |
| 1,08                                                                               | 1021      | 1248 | 1475 | 1702 | 2099 | 2190 |      |      |      |  |
| 1,09                                                                               | 905       | 1107 | 1308 | 1509 | 1861 | 2213 | 2615 | 2637 |      |  |
| 1,15                                                                               | 859       | 1049 | 1240 | 1431 | 1765 | 2099 | 2480 | 2500 |      |  |
| 1,16                                                                               | 948       | 1159 | 1370 | 1581 | 1950 | 2033 |      |      |      |  |
| 1,19                                                                               | 830       | 1014 | 1199 | 1383 | 1706 | 2029 | 2398 | 2417 |      |  |
| 1,25                                                                               | 885       | 1082 | 1279 | 1475 | 1820 | 1898 |      |      |      |  |
| 1,28                                                                               | 766       | 936  | 1107 | 1277 | 1575 | 1873 | 2213 | 2231 |      |  |
| 1,33                                                                               | 830       | 1014 | 1199 | 1383 | 1706 | 1779 |      |      |      |  |
| 1,38                                                                               | 711       | 869  | 1028 | 1186 | 1462 | 1739 | 2055 | 2072 |      |  |
| 1,41                                                                               | 832       | 1017 | 1201 | 1386 | 1710 | 2033 | 2403 | 2772 | 2915 |  |
| 1,48                                                                               | 664       | 811  | 959  | 1107 | 1365 | 1623 | 1918 | 1934 |      |  |
| 1,50                                                                               | 780       | 953  | 1126 | 1300 | 1603 | 1906 | 2253 | 2599 | 2733 |  |
| 1,58                                                                               | 622       | 761  | 899  | 1037 | 1279 | 1522 | 1798 | 1813 |      |  |
| 1,63                                                                               | 720       | 880  | 1040 | 1200 | 1480 | 1759 | 2079 | 2399 | 2523 |  |
| 1,72                                                                               | 681       | 832  | 983  | 1134 | 1399 | 1663 | 1966 | 2268 | 2385 |  |
| 1,81                                                                               | 645       | 789  | 932  | 1076 | 1326 | 1577 | 1864 | 2151 | 2262 |  |
| 1,88                                                                               | 624       | 762  | 901  | 1040 | 1282 | 1525 | 1802 | 2079 | 2187 |  |
| 2,03                                                                               | 576       | 704  | 832  | 960  | 1184 | 1408 | 1663 | 1919 | 2018 |  |
| 2,19                                                                               | 535       | 654  | 772  | 891  | 1099 | 1307 | 1545 | 1782 | 1874 |  |
| 2,34                                                                               | 499       | 610  | 721  | 832  | 1026 | 1220 | 1442 | 1663 | 1749 |  |
| 2,50                                                                               | 468       | 572  | 676  | 780  | 962  | 1144 | 1352 | 1560 | 1640 |  |

## 4P - VVVF 1800 RPM

## 6P - VVVF 1200 RPM

|  |  |  | kW Async. |      |      |      |      |      |      |      |      |      |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------|------|------|------|------|------|------|------|------|------|
|                                                                                   |                                                                                   |                                                                                   | 11        | 13   | 15   | 18,5 | 22   | 26   | 30   | 37   | 45   | 55   |
| ø mm                                                                              |                                                                                   | m/s                                                                               | kg        |      |      |      |      |      |      |      |      |      |
| 450                                                                               | 1/71                                                                              | 0,60                                                                              | 2221      | 2625 | 3029 | 3806 |      |      |      |      |      |      |
| 480                                                                               | 1/71                                                                              | 0,64                                                                              | 2082      | 2461 | 2840 | 3568 |      |      |      |      |      |      |
| 450                                                                               | 1/65                                                                              | 0,65                                                                              | 2091      | 2471 | 2851 | 3516 | 3953 |      |      |      |      |      |
| 520                                                                               | 1/71                                                                              | 0,69                                                                              | 1922      | 2272 | 2621 | 3293 |      |      |      |      |      |      |
| 480                                                                               | 1/65                                                                              | 0,70                                                                              | 1960      | 2316 | 2673 | 3297 | 3706 |      |      |      |      |      |
| 550                                                                               | 1/71                                                                              | 0,73                                                                              | 1817      | 2148 | 2478 | 3114 |      |      |      |      |      |      |
| 520                                                                               | 1/65                                                                              | 0,75                                                                              | 1809      | 2138 | 2467 | 3043 | 3421 |      |      |      |      |      |
| 580                                                                               | 1/71                                                                              | 0,77                                                                              | 1723      | 2037 | 2350 | 2953 |      |      |      |      |      |      |
| 600                                                                               | 1/71                                                                              | 0,80                                                                              | 1666      | 1969 | 2272 | 2854 |      |      |      |      |      |      |
| 550                                                                               | 1/65                                                                              | 0,80                                                                              | 1711      | 2022 | 2333 | 2877 | 3235 |      |      |      |      |      |
| 580                                                                               | 1/65                                                                              | 0,84                                                                              | 1622      | 1917 | 2212 | 2728 | 3067 |      |      |      |      |      |
| 650                                                                               | 1/71                                                                              | 0,86                                                                              | 1538      | 1817 | 2097 | 2635 |      |      |      |      |      |      |
| 600                                                                               | 1/65                                                                              | 0,87                                                                              | 1568      | 1853 | 2138 | 2637 | 2965 |      |      |      |      |      |
| 450                                                                               | 1/49                                                                              | 0,87                                                                              | 1641      | 1939 | 2238 | 2760 | 3282 | 3745 |      |      |      |      |
| 700                                                                               | 1/71                                                                              | 0,93                                                                              | 1428      | 1688 | 1947 | 2446 |      |      |      |      |      |      |
| 480                                                                               | 1/49                                                                              | 0,92                                                                              | 1538      | 1818 | 2098 | 2587 | 3077 | 3511 |      |      |      |      |
| 650                                                                               | 1/65                                                                              | 0,94                                                                              | 1447      | 1711 | 1974 | 2434 | 2737 |      |      |      |      |      |
| 750                                                                               | 1/71                                                                              | 1,00                                                                              | 1333      | 1575 | 1817 | 2283 |      |      |      |      |      |      |
| 520                                                                               | 1/49                                                                              | 1,00                                                                              | 1420      | 1678 | 1936 | 2388 | 2840 | 3241 |      |      |      |      |
| 700                                                                               | 1/65                                                                              | 1,01                                                                              | 1344      | 1588 | 1833 | 2260 | 2542 |      |      |      |      |      |
| 800                                                                               | 1/71                                                                              | 1,06                                                                              | 1249      | 1477 | 1704 | 2141 |      |      |      |      |      |      |
| 550                                                                               | 1/49                                                                              | 1,06                                                                              | 1343      | 1587 | 1831 | 2258 | 2685 | 3064 |      |      |      |      |
| 750                                                                               | 1/65                                                                              | 1,09                                                                              | 1254      | 1483 | 1711 | 2110 | 2372 |      |      |      |      |      |
| 580                                                                               | 1/49                                                                              | 1,12                                                                              | 1273      | 1505 | 1736 | 2141 | 2546 | 2905 |      |      |      |      |
| 600                                                                               | 1/49                                                                              | 1,15                                                                              | 1231      | 1454 | 1678 | 2070 | 2461 | 2809 |      |      |      |      |
| 800                                                                               | 1/65                                                                              | 1,16                                                                              | 1176      | 1390 | 1604 | 1978 | 2224 |      |      |      |      |      |
| 650                                                                               | 1/49                                                                              | 1,25                                                                              | 1136      | 1343 | 1549 | 1911 | 2272 | 2592 |      |      |      |      |
| 700                                                                               | 1/49                                                                              | 1,35                                                                              | 1055      | 1247 | 1438 | 1774 | 2110 | 2407 |      |      |      |      |
| 450                                                                               | 2/63                                                                              | 1,35                                                                              | 1180      | 1394 | 1609 | 1984 | 2360 | 2789 | 3163 |      |      |      |
| 750                                                                               | 1/49                                                                              | 1,44                                                                              | 985       | 1164 | 1343 | 1656 | 1969 | 2247 |      |      |      |      |
| 480                                                                               | 2/63                                                                              | 1,44                                                                              | 1106      | 1307 | 1508 | 1860 | 2212 | 2614 | 2965 |      |      |      |
| 800                                                                               | 1/49                                                                              | 1,54                                                                              | 923       | 1091 | 1259 | 1552 | 1846 | 2106 |      |      |      |      |
| 520                                                                               | 2/63                                                                              | 1,56                                                                              | 1021      | 1207 | 1392 | 1717 | 2042 | 2413 | 2737 |      |      |      |
| 450                                                                               | 2/53                                                                              | 1,60                                                                              | 887       | 1049 | 1210 | 1492 | 1775 | 2098 | 2420 | 2985 | 3223 |      |
| 550                                                                               | 2/63                                                                              | 1,65                                                                              | 965       | 1141 | 1316 | 1623 | 1931 | 2282 | 2588 |      |      |      |
| 480                                                                               | 2/53                                                                              | 1,71                                                                              | 832       | 983  | 1134 | 1399 | 1664 | 1966 | 2269 | 2798 | 3021 |      |
| 580                                                                               | 2/63                                                                              | 1,74                                                                              | 915       | 1082 | 1248 | 1539 | 1831 | 2164 | 2454 |      |      |      |
| 600                                                                               | 2/63                                                                              | 1,80                                                                              | 885       | 1046 | 1207 | 1488 | 1770 | 2091 | 2372 |      |      |      |
| 520                                                                               | 2/53                                                                              | 1,85                                                                              | 768       | 908  | 1047 | 1292 | 1536 | 1815 | 2094 | 2583 | 2789 |      |
| 650                                                                               | 2/63                                                                              | 1,94                                                                              | 817       | 965  | 1114 | 1374 | 1634 | 1931 | 2190 |      |      |      |
| 550                                                                               | 2/53                                                                              | 1,96                                                                              | 726       | 858  | 990  | 1221 | 1452 | 1716 | 1980 | 2442 | 2637 |      |
| 580                                                                               | 2/53                                                                              | 2,06                                                                              | 689       | 814  | 939  | 1158 | 1377 | 1627 | 1878 | 2316 | 2500 |      |
| 700                                                                               | 2/63                                                                              | 2,09                                                                              | 758       | 896  | 1034 | 1276 | 1517 | 1793 | 2033 |      |      |      |
| 600                                                                               | 2/53                                                                              | 2,13                                                                              | 666       | 787  | 908  | 1119 | 1331 | 1573 | 1815 | 2239 | 2417 |      |
| 750                                                                               | 2/63                                                                              | 2,24                                                                              | 708       | 837  | 965  | 1190 | 1416 | 1673 | 1898 |      |      |      |
| 650                                                                               | 2/53                                                                              | 2,31                                                                              | 614       | 726  | 838  | 1033 | 1229 | 1452 | 1676 | 2066 | 2231 |      |
| 800                                                                               | 2/63                                                                              | 2,39                                                                              | 664       | 784  | 905  | 1116 | 1327 | 1569 | 1779 |      |      |      |
| 700                                                                               | 2/53                                                                              | 2,49                                                                              | 570       | 674  | 778  | 959  | 1141 | 1348 | 1556 | 1919 | 2072 |      |
| 450                                                                               | 4/67                                                                              | 2,53                                                                              | 657       | 776  | 896  | 1105 | 1314 | 1553 | 1791 | 2209 | 2687 | 2915 |
| 750                                                                               | 2/53                                                                              | 2,67                                                                              | 532       | 629  | 726  | 895  | 1065 | 1259 | 1452 | 1791 | 1934 |      |
| 480                                                                               | 4/67                                                                              | 2,70                                                                              | 616       | 728  | 840  | 1036 | 1232 | 1456 | 1679 | 2071 | 2519 | 2733 |
| 800                                                                               | 2/53                                                                              | 2,85                                                                              | 499       | 590  | 681  | 840  | 998  | 1180 | 1361 | 1679 | 1813 |      |
| 520                                                                               | 4/67                                                                              | 2,93                                                                              | 568       | 672  | 775  | 956  | 1137 | 1344 | 1550 | 1912 | 2325 | 2523 |
| 550                                                                               | 4/67                                                                              | 3,09                                                                              | 537       | 635  | 733  | 904  | 1075 | 1270 | 1466 | 1808 | 2199 | 2385 |
| 580                                                                               | 4/67                                                                              | 3,26                                                                              | 510       | 602  | 695  | 857  | 1019 | 1205 | 1390 | 1714 | 2085 | 2262 |
| 600                                                                               | 4/67                                                                              | 3,38                                                                              | 493       | 582  | 672  | 829  | 985  | 1164 | 1344 | 1657 | 2015 | 2187 |
| 650                                                                               | 4/67                                                                              | 3,66                                                                              | 455       | 537  | 620  | 765  | 909  | 1075 | 1240 | 1530 | 1860 | 2018 |
| 700                                                                               | 4/67                                                                              | 3,94                                                                              | 422       | 499  | 576  | 710  | 845  | 998  | 1152 | 1420 | 1727 | 1874 |
| 750                                                                               | 4/67                                                                              | 4,22                                                                              | 394       | 466  | 537  | 663  | 788  | 932  | 1075 | 1326 | 1612 | 1749 |
| 800                                                                               | 4/67                                                                              | 4,50                                                                              | 369       | 437  | 504  | 621  | 739  | 873  | 1008 | 1243 | 1512 | 1640 |

|  | kW Async. |      |      |      |      |      |      |      |      |      |  |
|-----------------------------------------------------------------------------------|-----------|------|------|------|------|------|------|------|------|------|--|
|                                                                                   | 7,5       | 9    | 11   | 13   | 15   | 18,5 | 22   | 26   | 30   | 37   |  |
| m/s                                                                               | kg        |      |      |      |      |      |      |      |      |      |  |
| 0,40                                                                              | 2176      | 2611 | 3191 | 3806 |      |      |      |      |      |      |  |
| 0,42                                                                              | 2040      | 2448 | 2992 | 3568 |      |      |      |      |      |      |  |
| 0,43                                                                              | 2050      | 2460 | 3007 | 3554 | 3953 |      |      |      |      |      |  |
| 0,46                                                                              | 1883      | 2259 | 2761 | 3293 |      |      |      |      |      |      |  |
| 0,46                                                                              | 1922      | 2307 | 2819 | 3332 | 3706 |      |      |      |      |      |  |
| 0,49                                                                              | 1780      | 2136 | 2611 | 3114 |      |      |      |      |      |      |  |
| 0,50                                                                              | 1774      | 2129 | 2602 | 3076 | 3421 |      |      |      |      |      |  |
| 0,51                                                                              | 1688      | 2026 | 2476 | 2953 |      |      |      |      |      |      |  |
| 0,53                                                                              | 1632      | 1958 | 2393 | 2854 |      |      |      |      |      |      |  |
| 0,53                                                                              | 1678      | 2013 | 2460 | 2908 | 3235 |      |      |      |      |      |  |
| 0,56                                                                              | 1591      | 1909 | 2333 | 2757 | 3067 |      |      |      |      |      |  |
| 0,58                                                                              | 1506      | 1807 | 2209 | 2635 |      |      |      |      |      |      |  |
| 0,58                                                                              | 1538      | 1845 | 2255 | 2666 | 2965 |      |      |      |      |      |  |
| 0,58                                                                              | 1634      | 1961 | 2397 | 2832 | 3268 | 3736 |      |      |      |      |  |
| 0,62                                                                              | 1399      | 1678 | 2051 | 2446 |      |      |      |      |      |      |  |
| 0,62                                                                              | 1532      | 1838 | 2247 | 2655 | 3064 | 3502 |      |      |      |      |  |
| 0,63                                                                              | 1420      | 1703 | 2082 | 2460 | 2737 |      |      |      |      |      |  |
| 0,66                                                                              | 1305      | 1566 | 1915 | 2283 |      |      |      |      |      |      |  |
| 0,67                                                                              | 1414      | 1697 | 2074 | 2451 | 2828 | 3233 |      |      |      |      |  |
| 0,68                                                                              | 1318      | 1582 | 1933 | 2285 | 2542 |      |      |      |      |      |  |
| 0,71                                                                              | 1224      | 1469 | 1795 | 2141 |      |      |      |      |      |      |  |
| 0,71                                                                              | 1337      | 1604 | 1961 | 2317 | 2674 | 3056 |      |      |      |      |  |
| 0,72                                                                              | 1230      | 1476 | 1804 | 2132 | 2372 |      |      |      |      |      |  |
| 0,74                                                                              | 1268      | 1521 | 1859 | 2197 | 2536 | 2898 |      |      |      |      |  |
| 0,77                                                                              | 1226      | 1471 | 1797 | 2124 | 2451 | 2802 |      |      |      |      |  |
| 0,77                                                                              | 1153      | 1384 | 1692 | 1999 | 2224 |      |      |      |      |      |  |
| 0,83                                                                              | 1131      | 1357 | 1659 | 1961 | 2262 | 2586 |      |      |      |      |  |
| 0,90                                                                              | 1050      | 1261 | 1541 | 1821 | 2101 | 2401 |      |      |      |      |  |
| 0,90                                                                              | 1178      | 1414 | 1728 | 2042 | 2356 | 2906 | 3163 |      |      |      |  |
| 0,96                                                                              | 980       | 1176 | 1438 | 1699 | 1961 | 2241 |      |      |      |      |  |
| 0,96                                                                              | 1105      | 1325 | 1620 | 1915 | 2209 | 2725 | 2965 |      |      |      |  |
| 1,03                                                                              | 919       | 1103 | 1348 | 1593 | 1838 | 2101 |      |      |      |      |  |
| 1,04                                                                              | 1020      | 1224 | 1495 | 1767 | 2039 | 2515 | 2737 |      |      |      |  |
| 1,07                                                                              | 884       | 1060 | 1296 | 1532 | 1767 | 2180 | 2592 | 3063 | 3223 |      |  |
| 1,10                                                                              | 964       | 1157 | 1414 | 1671 | 1928 | 2378 | 2588 |      |      |      |  |
| 1,14                                                                              | 828       | 994  | 1215 | 1436 | 1657 | 2044 | 2430 | 2872 | 3021 |      |  |
| 1,16                                                                              | 914       | 1097 | 1341 | 1584 | 1828 | 2255 | 2454 |      |      |      |  |
| 1,20                                                                              | 884       | 1060 | 1296 | 1532 | 1767 | 2180 | 2372 |      |      |      |  |
| 1,23                                                                              | 765       | 918  | 1122 | 1326 | 1529 | 1886 | 2243 | 2651 | 2789 |      |  |
| 1,30                                                                              | 816       | 979  | 1196 | 1414 | 1631 | 2012 | 2190 |      |      |      |  |
| 1,30                                                                              | 723       | 868  | 1060 | 1253 | 1446 | 1783 | 2121 | 2506 | 2637 |      |  |
| 1,38                                                                              | 686       | 823  | 1006 | 1188 | 1371 | 1691 | 2011 | 2377 | 2500 |      |  |
| 1,40                                                                              | 757       | 909  | 1111 | 1313 | 1515 | 1868 | 2033 |      |      |      |  |
| 1,42                                                                              | 663       | 795  | 972  | 1149 | 1326 | 1635 | 1944 | 2298 | 2417 |      |  |
| 1,50                                                                              | 707       | 848  | 1037 | 1225 | 1414 | 1744 | 1898 |      |      |      |  |
| 1,54                                                                              | 612       | 734  | 897  | 1060 | 1224 | 1509 | 1795 | 2121 | 2231 |      |  |
| 1,60                                                                              | 663       | 795  | 972  | 1149 | 1325 | 1635 | 1779 |      |      |      |  |
| 1,66                                                                              | 568       | 682  | 833  | 985  | 1136 | 1401 | 1666 | 1969 | 2072 |      |  |
| 1,69                                                                              | 664       | 797  | 974  | 1151 | 1328 | 1638 | 1948 | 2303 | 2657 | 2915 |  |
| 1,78                                                                              | 530       | 636  | 778  | 919  | 1060 | 1308 | 1555 | 1838 | 1934 |      |  |
| 1,80                                                                              | 623       | 747  | 913  | 1079 | 1245 | 1536 | 1827 | 2159 | 2491 | 2733 |  |
| 1,90                                                                              | 497       | 596  | 729  | 862  | 994  | 1226 | 1458 | 1723 | 1813 |      |  |
| 1,95                                                                              | 575       | 690  | 843  | 996  | 1150 | 1418 | 1686 | 1993 | 2299 | 2523 |  |
| 2,06                                                                              | 543       | 652  | 797  | 942  | 1087 | 1341 | 1594 | 1884 | 2174 | 2385 |  |
| 2,18                                                                              | 515       | 618  | 756  | 893  | 1031 | 1271 | 1512 | 1787 | 2061 | 2262 |  |
| 2,25                                                                              | 498       | 598  | 731  | 864  | 996  | 1229 | 1461 | 1727 | 1993 | 2187 |  |
| 2,44                                                                              | 460       | 552  | 674  | 797  | 920  | 1134 | 1349 | 1594 | 1839 | 2018 |  |
| 2,63                                                                              | 427       | 512  | 626  | 740  | 854  | 1053 | 1253 | 1480 | 1708 | 1874 |  |
| 2,81                                                                              | 399       | 478  | 585  | 691  | 797  | 983  | 1169 | 1382 | 1594 | 1749 |  |
| 3,00                                                                              | 374       | 448  | 548  | 648  | 747  | 922  | 1096 | 1295 | 1495 | 1644 |  |

## 4/16P - AC2 1800/450 RPM

## 6/24P - AC2 1200/300 RPM

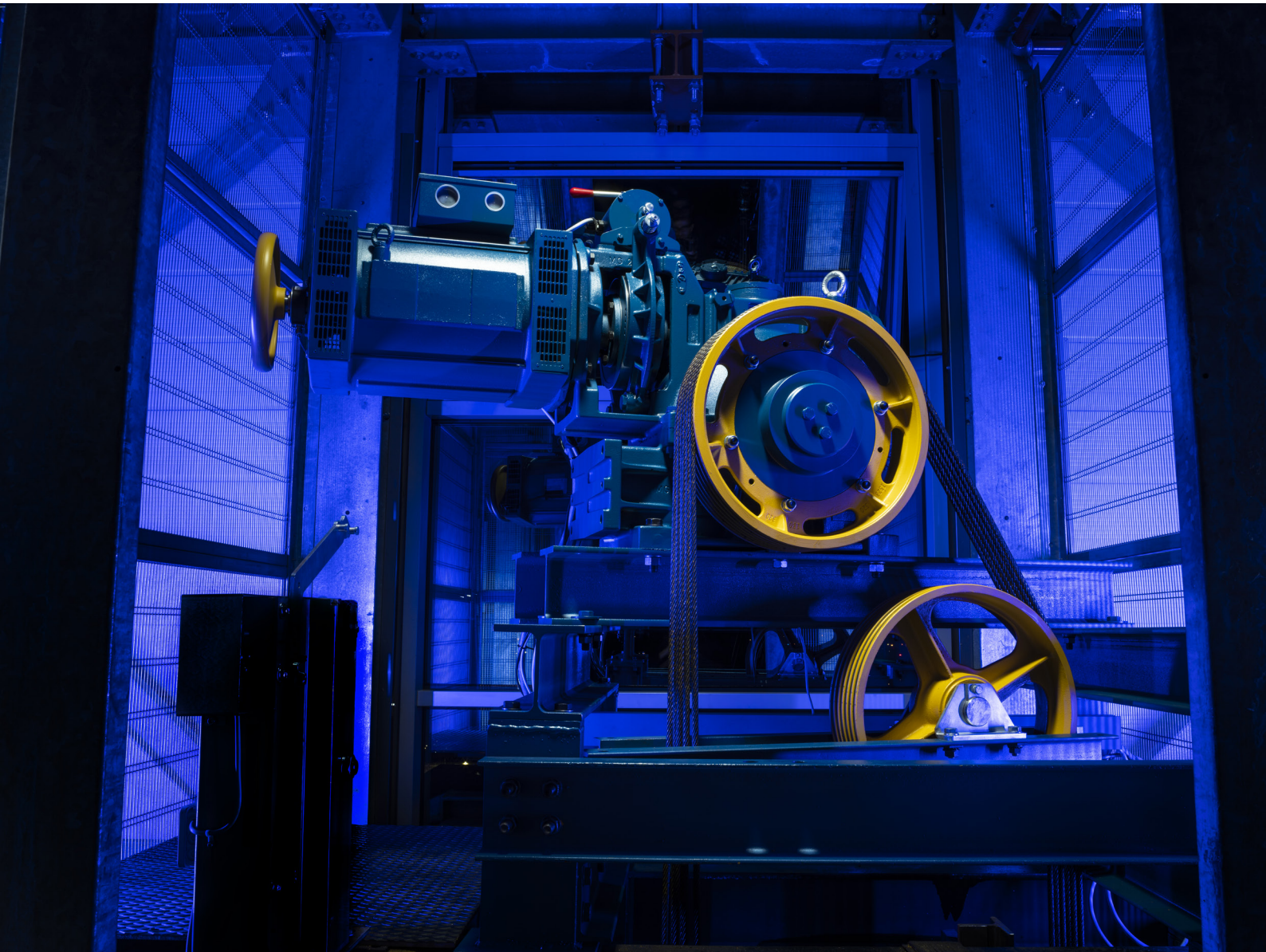
|  |  | kW Async.                                                                         |      |      |      |      |      |      |      |      |      |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|
|                                                                                   |                                                                                   |  | 13   | 15   | 18,5 | 22   | 26   | 30   | 37   | 45   | 55   |
| ø mm                                                                              |                                                                                   | m/s                                                                               | kg   |      |      |      |      |      |      |      |      |
| 450                                                                               | 1/71                                                                              | 0,60                                                                              | 2283 | 2634 | 3248 | 3806 |      |      |      |      |      |
| 480                                                                               | 1/71                                                                              | 0,64                                                                              | 2140 | 2469 | 3045 | 3568 |      |      |      |      |      |
| 450                                                                               | 1/65                                                                              | 0,65                                                                              | 2149 | 2479 | 3058 | 3636 | 3953 |      |      |      |      |
| 520                                                                               | 1/71                                                                              | 0,69                                                                              | 1975 | 2279 | 2811 | 3293 |      |      |      |      |      |
| 480                                                                               | 1/65                                                                              | 0,70                                                                              | 2014 | 2324 | 2867 | 3409 | 3706 |      |      |      |      |
| 550                                                                               | 1/71                                                                              | 0,73                                                                              | 1868 | 2155 | 2658 | 3114 |      |      |      |      |      |
| 520                                                                               | 1/65                                                                              | 0,75                                                                              | 1859 | 2145 | 2646 | 3147 | 3421 |      |      |      |      |
| 580                                                                               | 1/71                                                                              | 0,77                                                                              | 1771 | 2043 | 2520 | 2953 |      |      |      |      |      |
| 600                                                                               | 1/71                                                                              | 0,80                                                                              | 1712 | 1975 | 2436 | 2854 |      |      |      |      |      |
| 550                                                                               | 1/65                                                                              | 0,80                                                                              | 1758 | 2028 | 2502 | 2975 | 3235 |      |      |      |      |
| 580                                                                               | 1/65                                                                              | 0,84                                                                              | 1667 | 1923 | 2372 | 2821 | 3067 |      |      |      |      |
| 650                                                                               | 1/71                                                                              | 0,86                                                                              | 1580 | 1823 | 2249 | 2635 |      |      |      |      |      |
| 600                                                                               | 1/65                                                                              | 0,87                                                                              | 1611 | 1859 | 2293 | 2727 | 2965 |      |      |      |      |
| 450                                                                               | 1/49                                                                              | 0,87                                                                              | 1686 | 1946 | 2400 | 2854 | 3373 | 3745 |      |      |      |
| 700                                                                               | 1/71                                                                              | 0,93                                                                              | 1467 | 1693 | 2088 | 2446 |      |      |      |      |      |
| 480                                                                               | 1/49                                                                              | 0,92                                                                              | 1581 | 1824 | 2250 | 2675 | 3162 | 3511 |      |      |      |
| 650                                                                               | 1/65                                                                              | 0,94                                                                              | 1487 | 1716 | 2117 | 2517 | 2737 |      |      |      |      |
| 750                                                                               | 1/71                                                                              | 1,00                                                                              | 1370 | 1580 | 1949 | 2283 |      |      |      |      |      |
| 520                                                                               | 1/49                                                                              | 1,00                                                                              | 1459 | 1684 | 2077 | 2470 | 2919 | 3241 |      |      |      |
| 700                                                                               | 1/65                                                                              | 1,01                                                                              | 1381 | 1594 | 1966 | 2337 | 2542 |      |      |      |      |
| 800                                                                               | 1/71                                                                              | 1,06                                                                              | 1284 | 1482 | 1827 | 2141 |      |      |      |      |      |
| 550                                                                               | 1/49                                                                              | 1,06                                                                              | 1380 | 1592 | 1963 | 2335 | 2759 | 3064 |      |      |      |
| 750                                                                               | 1/65                                                                              | 1,09                                                                              | 1289 | 1487 | 1835 | 2182 | 2372 |      |      |      |      |
| 580                                                                               | 1/49                                                                              | 1,12                                                                              | 1308 | 1510 | 1862 | 2214 | 2617 | 2905 |      |      |      |
| 600                                                                               | 1/49                                                                              | 1,15                                                                              | 1265 | 1459 | 1800 | 2140 | 2529 | 2809 |      |      |      |
| 800                                                                               | 1/65                                                                              | 1,16                                                                              | 1209 | 1395 | 1720 | 2045 | 2224 |      |      |      |      |
| 650                                                                               | 1/49                                                                              | 1,25                                                                              | 1167 | 1347 | 1661 | 1976 | 2335 | 2592 |      |      |      |
| 700                                                                               | 1/49                                                                              | 1,35                                                                              | 1212 | 1399 | 1725 | 2052 | 2425 | 2798 | 3163 |      |      |
| 450                                                                               | 2/63                                                                              | 1,35                                                                              | 1084 | 1251 | 1543 | 1835 | 2168 | 2407 |      |      |      |
| 750                                                                               | 1/49                                                                              | 1,44                                                                              | 1137 | 1312 | 1618 | 1924 | 2273 | 2623 | 2965 |      |      |
| 480                                                                               | 2/63                                                                              | 1,44                                                                              | 1012 | 1167 | 1440 | 1712 | 2024 | 2247 |      |      |      |
| 800                                                                               | 1/49                                                                              | 1,54                                                                              | 949  | 1094 | 1350 | 1605 | 1897 | 2106 |      |      |      |
| 520                                                                               | 2/63                                                                              | 1,56                                                                              | 1049 | 1211 | 1493 | 1776 | 2098 | 2421 | 2737 |      |      |
| 450                                                                               | 2/53                                                                              | 1,60                                                                              | 912  | 1052 | 1298 | 1543 | 1824 | 2105 | 2596 | 3157 | 3223 |
| 550                                                                               | 2/63                                                                              | 1,65                                                                              | 992  | 1145 | 1412 | 1679 | 1984 | 2289 | 2588 |      |      |
| 480                                                                               | 2/53                                                                              | 1,71                                                                              | 855  | 987  | 1217 | 1447 | 1710 | 1973 | 2433 | 2960 | 3021 |
| 580                                                                               | 2/63                                                                              | 1,74                                                                              | 941  | 1085 | 1339 | 1592 | 1881 | 2171 | 2454 |      |      |
| 600                                                                               | 2/63                                                                              | 1,80                                                                              | 909  | 1049 | 1294 | 1539 | 1819 | 2098 | 2372 |      |      |
| 520                                                                               | 2/53                                                                              | 1,85                                                                              | 789  | 911  | 1123 | 1336 | 1578 | 1821 | 2246 | 2732 | 2789 |
| 650                                                                               | 2/63                                                                              | 1,94                                                                              | 839  | 968  | 1194 | 1420 | 1679 | 1937 | 2190 |      |      |
| 550                                                                               | 2/53                                                                              | 1,96                                                                              | 746  | 861  | 1062 | 1263 | 1492 | 1722 | 2124 | 2583 | 2637 |
| 580                                                                               | 2/53                                                                              | 2,06                                                                              | 708  | 816  | 1007 | 1197 | 1415 | 1633 | 2014 | 2449 | 2500 |
| 700                                                                               | 2/63                                                                              | 2,09                                                                              | 779  | 899  | 1109 | 1319 | 1559 | 1799 | 2033 |      |      |
| 600                                                                               | 2/53                                                                              | 2,13                                                                              | 684  | 789  | 973  | 1157 | 1368 | 1578 | 1947 | 2368 | 2417 |
| 750                                                                               | 2/63                                                                              | 2,24                                                                              | 727  | 839  | 1035 | 1231 | 1455 | 1679 | 1898 |      |      |
| 650                                                                               | 2/53                                                                              | 2,31                                                                              | 631  | 728  | 898  | 1068 | 1263 | 1457 | 1797 | 2185 | 2231 |
| 800                                                                               | 2/63                                                                              | 2,39                                                                              | 682  | 787  | 971  | 1154 | 1364 | 1574 | 1779 |      |      |
| 700                                                                               | 2/53                                                                              | 2,49                                                                              | 586  | 676  | 834  | 992  | 1173 | 1353 | 1669 | 2029 | 2072 |
| 450                                                                               | 4/67                                                                              | 2,53                                                                              | 675  | 779  | 961  | 1142 | 1350 | 1558 | 1921 | 2337 | 2856 |
| 750                                                                               | 2/53                                                                              | 2,67                                                                              | 547  | 631  | 779  | 926  | 1094 | 1263 | 1557 | 1894 | 1934 |
| 480                                                                               | 4/67                                                                              | 2,70                                                                              | 633  | 730  | 901  | 1071 | 1266 | 1460 | 1801 | 2191 | 2677 |
| 800                                                                               | 2/53                                                                              | 2,85                                                                              | 513  | 592  | 730  | 868  | 1026 | 1184 | 1460 | 1776 | 1813 |
| 520                                                                               | 4/67                                                                              | 2,93                                                                              | 584  | 674  | 831  | 989  | 1168 | 1348 | 1663 | 2022 | 2471 |
| 550                                                                               | 4/67                                                                              | 3,09                                                                              | 552  | 637  | 786  | 935  | 1105 | 1275 | 1572 | 1912 | 2337 |
| 580                                                                               | 4/67                                                                              | 3,26                                                                              | 524  | 604  | 745  | 886  | 1047 | 1209 | 1491 | 1813 | 2216 |
| 600                                                                               | 4/67                                                                              | 3,38                                                                              | 506  | 584  | 720  | 857  | 1013 | 1168 | 1441 | 1752 | 2142 |
| 650                                                                               | 4/67                                                                              | 3,66                                                                              | 467  | 539  | 665  | 791  | 935  | 1078 | 1330 | 1618 | 1977 |
| 700                                                                               | 4/67                                                                              | 3,94                                                                              | 434  | 501  | 618  | 734  | 868  | 1001 | 1235 | 1502 | 1836 |
| 750                                                                               | 4/67                                                                              | 4,22                                                                              | 405  | 467  | 576  | 685  | 810  | 935  | 1153 | 1402 | 1714 |
| 800                                                                               | 4/67                                                                              | 4,50                                                                              | 380  | 438  | 540  | 643  | 759  | 876  | 1081 | 1314 | 1606 |

|  | kW Async. |      |      |      |      |      |      |      |      |      |  |
|-----------------------------------------------------------------------------------|-----------|------|------|------|------|------|------|------|------|------|--|
|                                                                                   | 9         | 11   | 13   | 15   | 18,5 | 22   | 26   | 30   | 37   | 45   |  |
| m/s                                                                               | kg        |      |      |      |      |      |      |      |      |      |  |
| 0,40                                                                              | 2270      | 2775 | 3279 | 3806 |      |      |      |      |      |      |  |
| 0,42                                                                              | 2128      | 2601 | 3074 | 3568 |      |      |      |      |      |      |  |
| 0,43                                                                              | 2140      | 2615 | 3090 | 3566 | 3953 |      |      |      |      |      |  |
| 0,46                                                                              | 1965      | 2401 | 2838 | 3293 |      |      |      |      |      |      |  |
| 0,46                                                                              | 2006      | 2452 | 2897 | 3343 | 3706 |      |      |      |      |      |  |
| 0,49                                                                              | 1857      | 2270 | 2683 | 3114 |      |      |      |      |      |      |  |
| 0,50                                                                              | 1852      | 2263 | 2674 | 3086 | 3421 |      |      |      |      |      |  |
| 0,51                                                                              | 1761      | 2153 | 2544 | 2953 |      |      |      |      |      |      |  |
| 0,53                                                                              | 1703      | 2081 | 2459 | 2854 |      |      |      |      |      |      |  |
| 0,53                                                                              | 1751      | 2140 | 2529 | 2918 | 3235 |      |      |      |      |      |  |
| 0,56                                                                              | 1660      | 2029 | 2398 | 2767 | 3067 |      |      |      |      |      |  |
| 0,58                                                                              | 1572      | 1921 | 2270 | 2635 |      |      |      |      |      |      |  |
| 0,58                                                                              | 1605      | 1961 | 2318 | 2674 | 2965 |      |      |      |      |      |  |
| 0,58                                                                              | 1705      | 2084 | 2463 | 2842 | 3505 | 3745 |      |      |      |      |  |
| 0,62                                                                              | 1459      | 1784 | 2108 | 2446 |      |      |      |      |      |      |  |
| 0,62                                                                              | 1598      | 1954 | 2309 | 2664 | 3286 | 3511 |      |      |      |      |  |
| 0,63                                                                              | 1481      | 1810 | 2140 | 2469 | 2737 |      |      |      |      |      |  |
| 0,66                                                                              | 1362      | 1665 | 1968 | 2283 |      |      |      |      |      |      |  |
| 0,67                                                                              | 1476      | 1803 | 2131 | 2459 | 3033 | 3241 |      |      |      |      |  |
| 0,68                                                                              | 1375      | 1681 | 1987 | 2292 | 2542 |      |      |      |      |      |  |
| 0,71                                                                              | 1277      | 1561 | 1845 | 2141 |      |      |      |      |      |      |  |
| 0,71                                                                              | 1395      | 1705 | 2015 | 2325 | 2868 | 3064 |      |      |      |      |  |
| 0,72                                                                              | 1284      | 1569 | 1854 | 2140 | 2372 |      |      |      |      |      |  |
| 0,74                                                                              | 1323      | 1617 | 1911 | 2205 | 2719 | 2905 |      |      |      |      |  |
| 0,77                                                                              | 1279      | 1563 | 1847 | 2131 | 2629 | 2809 |      |      |      |      |  |
| 0,77                                                                              | 1203      | 1471 | 1738 | 2006 | 2224 |      |      |      |      |      |  |
| 0,83                                                                              | 1180      | 1443 | 1705 | 1967 | 2426 | 2592 |      |      |      |      |  |
| 0,90                                                                              | 1229      | 1503 | 1776 | 2049 | 2527 | 3005 | 3163 |      |      |      |  |
| 0,90                                                                              | 1096      | 1340 | 1583 | 1827 | 2253 | 2407 |      |      |      |      |  |
| 0,96                                                                              | 1153      | 1409 | 1665 | 1921 | 2369 | 2817 | 2965 |      |      |      |  |
| 0,96                                                                              | 1023      | 1250 | 1478 | 1705 | 2103 | 2247 |      |      |      |      |  |
| 1,03                                                                              | 959       | 1172 | 1385 | 1598 | 1971 | 2106 |      |      |      |      |  |
| 1,04                                                                              | 1064      | 1300 | 1537 | 1773 | 2187 | 2601 | 2737 |      |      |      |  |
| 1,07                                                                              | 922       | 1127 | 1332 | 1537 | 1895 | 2254 | 2664 | 3074 | 3223 |      |  |
| 1,10                                                                              | 1006      | 1229 | 1453 | 1676 | 2068 | 2459 | 2588 |      |      |      |  |
| 1,14                                                                              | 864       | 1057 | 1249 | 1441 | 1777 | 2113 | 2497 | 2882 | 3021 |      |  |
| 1,16                                                                              | 954       | 1166 | 1378 | 1590 | 1961 | 2332 | 2454 |      |      |      |  |
| 1,20                                                                              | 922       | 1127 | 1332 | 1537 | 1895 | 2254 | 2372 |      |      |      |  |
| 1,23                                                                              | 798       | 975  | 1153 | 1330 | 1640 | 1951 | 2305 | 2660 | 2789 |      |  |
| 1,30                                                                              | 851       | 1040 | 1229 | 1419 | 1750 | 2081 | 2190 |      |      |      |  |
| 1,30                                                                              | 754       | 922  | 1090 | 1257 | 1551 | 1844 | 2180 | 2515 | 2637 |      |  |
| 1,38                                                                              | 715       | 874  | 1033 | 1192 | 1471 | 1749 | 2067 | 2385 | 2500 |      |  |
| 1,40                                                                              | 790       | 966  | 1142 | 1317 | 1625 | 1932 | 2033 |      |      |      |  |
| 1,42                                                                              | 692       | 845  | 999  | 1153 | 1422 | 1691 | 1998 | 2305 | 2417 |      |  |
| 1,50                                                                              | 738       | 902  | 1065 | 1229 | 1516 | 1803 | 1898 |      |      |      |  |
| 1,54                                                                              | 638       | 780  | 922  | 1064 | 1312 | 1561 | 1844 | 2128 | 2231 |      |  |
| 1,60                                                                              | 692       | 845  | 999  | 1153 | 1422 | 1690 | 1779 |      |      |      |  |
| 1,66                                                                              | 593       | 725  | 856  | 988  | 1219 | 1449 | 1713 | 1976 | 2072 |      |  |
| 1,69                                                                              | 693       | 847  | 1001 | 1155 | 1425 | 1694 | 2002 | 2310 | 2849 | 2915 |  |
| 1,78                                                                              | 553       | 676  | 799  | 922  | 1137 | 1352 | 1598 | 1844 | 1934 |      |  |
| 1,80                                                                              | 650       | 794  | 939  | 1083 | 1336 | 1588 | 1877 | 2166 | 2671 | 2733 |  |
| 1,90                                                                              | 519       | 634  | 749  | 864  | 1066 | 1268 | 1498 | 1729 | 1813 |      |  |
| 1,95                                                                              | 600       | 733  | 866  | 1000 | 1233 | 1466 | 1733 | 1999 | 2466 | 2523 |  |
| 2,06                                                                              | 567       | 693  | 819  | 945  | 1166 | 1386 | 1638 | 1890 | 2331 | 2385 |  |
| 2,18                                                                              | 538       | 657  | 777  | 896  | 1105 | 1315 | 1554 | 1793 | 2211 | 2262 |  |
| 2,25                                                                              | 520       | 635  | 751  | 866  | 1069 | 1271 | 1502 | 1733 | 2137 | 2187 |  |
| 2,44                                                                              | 480       | 586  | 693  | 800  | 986  | 1173 | 1386 | 1600 | 1973 | 2018 |  |
| 2,63                                                                              | 446       | 545  | 644  | 743  | 916  | 1089 | 1287 | 1485 | 1832 | 1874 |  |
| 2,81                                                                              | 416       | 508  | 601  | 693  | 855  | 1017 | 1201 | 1386 | 1710 | 1749 |  |
| 3,00                                                                              | 390       | 477  | 563  | 650  | 801  | 953  | 1126 | 1300 | 1603 | 1640 |  |



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