

ECODESIGN INFORMATION

According to Regulation EU No 327/2011 of the European Commission, implementing Directive 2009/125/CE of European Parliament
Apply to fans

SODECA, S.L.U.

www.sodeca.com

ERP: Performance at the best efficiency point (BEP)

| | |
|-----|----------------------|
| MC | Measurement category |
| EC | Efficiency category |
| VSD | Variable Speed Drive |
| SR | Specific ratio |

| | |
|---------------------|----------------------------------|
| [m ³ /h] | Flow rate |
| [Pa] | Static pressure / Total pressure |
| [RPM] | Speed |

| | |
|--------|------------------|
| ηe [%] | Efficiency |
| N | Efficiency grade |
| [kw] | Input power |

| Model | MC | EC | VSD | SR | ηe[%] | N | [kw] | [m ³ /h] | [Pa] | [RPM] |
|----------------------|----|--------|-------------------|------|-------|------|--------|---------------------|------|-------|
| HGT-125-4T/6-20 IE3 | C | Static | VSD not necessary | 1.01 | 56.9 | 56.7 | 14.209 | 52757 | 552 | 1469 |
| HGT-125-4T/6-25 IE3 | C | Static | VSD not necessary | 1.01 | 58.3 | 57.9 | 18.443 | 63848 | 606 | 1472 |
| HGT-125-4T/6-30 IE3 | C | Static | VSD not necessary | 1.01 | 57.3 | 56.8 | 21.375 | 68837 | 640 | 1473 |
| HGT-125-4T/6-40 IE3 | C | Static | VSD not necessary | 1.01 | 57.3 | 56.7 | 26.853 | 80997 | 684 | 1483 |
| HGT-125-4T/6-50 IE3 | C | Static | VSD not necessary | 1.01 | 52.8 | 51.9 | 38.277 | 93638 | 777 | 1481 |
| HGT-125-4T/6-60 IE3 | C | Static | VSD not necessary | 1.01 | 50.1 | 49.0 | 43.592 | 102039 | 770 | 1477 |
| HGT-125-4T/6-75 IE3 | C | Static | VSD not necessary | 1.01 | 45.1 | 43.9 | 52.610 | 110910 | 770 | 1482 |
| HGT-125-4T/6-100 IE4 | B | Total | VSD not necessary | 1.01 | 70.9 | 69.5 | 68.294 | 142236 | 1226 | 1487 |
| HGT-125-4T/9-25 IE3 | C | Static | VSD not necessary | 1.01 | 62.6 | 62.1 | 20.171 | 41359 | 1099 | 1470 |
| HGT-125-4T/9-30 IE3 | C | Static | VSD not necessary | 1.01 | 56.6 | 56.0 | 23.348 | 73859 | 644 | 1470 |
| HGT-125-4T/9-40 IE3 | C | Static | VSD not necessary | 1.01 | 54.2 | 53.5 | 28.045 | 80439 | 680 | 1482 |
| HGT-125-4T/9-50 IE3 | C | Static | VSD not necessary | 1.01 | 52.5 | 51.5 | 37.988 | 94456 | 760 | 1481 |
| HGT-125-4T/9-60 IE3 | C | Static | VSD not necessary | 1.01 | 50.6 | 49.5 | 47.350 | 101406 | 850 | 1475 |
| HGT-125-4T/9-75 IE3 | C | Static | VSD not necessary | 1.01 | 50.2 | 48.9 | 57.229 | 112236 | 921 | 1480 |
| HGT-125-4T/9-100 IE4 | B | Total | VSD not necessary | 1.01 | 74.6 | 73.1 | 76.037 | 140668 | 1450 | 1486 |
| HGT-125-6T/6-5.5 IE3 | C | Static | VSD not necessary | 1.00 | 53.8 | 56.2 | 4.226 | 34565 | 237 | 963 |
| HGT-125-6T/6-7.5 IE3 | C | Static | VSD not necessary | 1.00 | 55.8 | 57.5 | 5.420 | 41832 | 260 | 974 |
| HGT-125-6T/6-10 IE3 | C | Static | VSD not necessary | 1.00 | 54.3 | 54.9 | 7.976 | 53067 | 294 | 976 |
| HGT-125-6T/6-15 IE3 | C | Static | VSD not necessary | 1.00 | 51.1 | 51.1 | 11.120 | 61349 | 334 | 977 |
| HGT-125-6T/6-20 IE3 | C | Static | VSD not necessary | 1.00 | 43.2 | 43.0 | 15.446 | 72665 | 331 | 977 |
| HGT-125-6T/6-25 IE3 | B | Total | VSD not necessary | 1.01 | 68.7 | 68.2 | 19.833 | 93189 | 526 | 980 |
| HGT-125-6T/9-10 IE3 | C | Static | VSD not necessary | 1.00 | 51.3 | 51.9 | 8.330 | 52702 | 292 | 975 |
| HGT-125-6T/9-15 IE3 | C | Static | VSD not necessary | 1.00 | 50.8 | 50.8 | 11.036 | 61885 | 326 | 977 |
| HGT-125-6T/9-20 IE3 | C | Static | VSD not necessary | 1.01 | 49.4 | 49.1 | 15.123 | 69606 | 386 | 977 |
| HGT-125-6T/9-25 IE3 | C | Static | VSD not necessary | 1.01 | 47.2 | 46.8 | 19.883 | 82063 | 412 | 980 |
| HGT-125-6T/9-30 IE3 | B | Total | VSD not necessary | 1.01 | 71.8 | 71.2 | 23.531 | 95166 | 639 | 980 |
| HGT-125-8T/6-3 | C | Static | VSD not necessary | 1.00 | 46.8 | 50.7 | 2.450 | 28914 | 143 | 712 |
| HGT-125-8T/6-4 | C | Static | VSD not necessary | 1.00 | 47.4 | 50.3 | 3.530 | 38680 | 156 | 709 |
| HGT-125-8T/6-5.5 | C | Static | VSD not necessary | 1.00 | 46.8 | 49.1 | 4.420 | 42659 | 175 | 715 |
| HGT-125-8T/6-7.5 | C | Static | VSD not necessary | 1.00 | 45.5 | 47.0 | 5.870 | 50667 | 190 | 727 |
| HGT-125-8T/6-10 | B | Total | VSD not necessary | 1.00 | 65.4 | 66.1 | 7.790 | 65294 | 281 | 727 |
| HGT-125-8T/9-4 | C | Static | VSD not necessary | 1.00 | 47.4 | 50.4 | 3.410 | 36675 | 159 | 710 |
| HGT-125-8T/9-5.5 | C | Static | VSD not necessary | 1.00 | 44.6 | 46.7 | 4.790 | 43462 | 177 | 712 |
| HGT-125-8T/9-7.5 | C | Static | VSD not necessary | 1.00 | 46.5 | 48.0 | 5.750 | 48507 | 199 | 728 |
| HGT-125-8T/9-10 | C | Static | VSD not necessary | 1.00 | 45.9 | 46.7 | 7.650 | 55731 | 227 | 728 |
| HGT-125-8T/9-15 | B | Total | VSD not necessary | 1.00 | 67.6 | 67.6 | 10.900 | 72088 | 368 | 728 |
| HGT-140-6T/6-5.5 IE3 | C | Static | VSD not necessary | 1.00 | 48.8 | 50.2 | 6.147 | 42524 | 254 | 947 |
| HGT-140-6T/6-7.5 IE3 | C | Static | VSD not necessary | 1.00 | 50.0 | 51.4 | 6.009 | 42524 | 254 | 971 |
| HGT-140-6T/6-10 IE3 | C | Static | VSD not necessary | 1.00 | 48.9 | 49.4 | 8.417 | 51047 | 290 | 975 |
| HGT-140-6T/6-15 IE3 | C | Static | VSD not necessary | 1.00 | 49.7 | 49.7 | 10.827 | 60345 | 321 | 978 |
| HGT-140-6T/6-20 IE3 | C | Static | VSD not necessary | 1.00 | 47.6 | 47.4 | 15.579 | 75312 | 355 | 976 |
| HGT-140-6T/6-25 IE3 | C | Static | VSD not necessary | 1.01 | 45.3 | 44.9 | 19.450 | 84172 | 377 | 981 |
| HGT-140-6T/6-30 IE3 | C | Static | VSD not necessary | 1.01 | 43.4 | 42.9 | 22.079 | 89450 | 386 | 982 |
| HGT-140-6T/9-10 IE3 | C | Static | VSD not necessary | 1.00 | 49.5 | 49.5 | 11.426 | 44228 | 460 | 966 |
| HGT-140-6T/9-15 IE3 | C | Static | VSD not necessary | 1.00 | 49.1 | 49.0 | 11.826 | 64747 | 323 | 976 |
| HGT-140-6T/9-20 IE3 | C | Static | VSD not necessary | 1.00 | 46.5 | 46.3 | 14.358 | 70516 | 341 | 978 |
| HGT-140-6T/9-25 IE3 | C | Static | VSD not necessary | 1.01 | 45.5 | 45.1 | 19.237 | 82803 | 380 | 981 |
| HGT-140-6T/9-30 IE3 | C | Static | VSD not necessary | 1.01 | 43.9 | 43.3 | 23.978 | 88897 | 426 | 980 |
| HGT-140-6T/9-40 IE3 | C | Static | VSD not necessary | 1.01 | 43.1 | 42.3 | 31.884 | 105521 | 469 | 985 |
| HGT-140-6T/9-50 IE3 | B | Total | VSD not necessary | 1.01 | 65.0 | 64.0 | 37.899 | 123167 | 720 | 986 |
| HGT-140-8T/6-3 | C | Static | VSD not necessary | 1.00 | 42.7 | 45.9 | 3.064 | 32229 | 146 | 702 |
| HGT-140-8T/6-4 | C | Static | VSD not necessary | 1.00 | 42.7 | 45.5 | 3.620 | 35052 | 159 | 708 |
| HGT-140-8T/6-5.5 | C | Static | VSD not necessary | 1.00 | 43.6 | 46.0 | 4.110 | 38688 | 167 | 717 |
| HGT-140-8T/6-7.5 | C | Static | VSD not necessary | 1.00 | 46.2 | 47.4 | 6.370 | 53815 | 197 | 725 |
| HGT-140-8T/6-10 | C | Static | VSD not necessary | 1.00 | 44.1 | 44.7 | 8.060 | 58997 | 217 | 727 |
| HGT-140-8T/6-15 | B | Total | VSD not necessary | 1.00 | 58.7 | 58.6 | 12.370 | 83648 | 313 | 725 |
| HGT-140-8T/9-4 | C | Static | VSD not necessary | 1.00 | 52.6 | 54.8 | 4.469 | 24785 | 341 | 698 |
| HGT-140-8T/9-5.5 | C | Static | VSD not necessary | 1.00 | 46.0 | 48.0 | 4.804 | 37488 | 212 | 712 |
| HGT-140-8T/9-7.5 | C | Static | VSD not necessary | 1.00 | 46.1 | 47.7 | 5.480 | 49072 | 185 | 729 |

| Model | MC | EC | VSD | SR | η_e [%] | N | [kW] | [m³/h] | [Pa] | [RPM] |
|----------------------|----|--------|-------------------|------|--------------|------|--------|--------|------|-------|
| HGT-140-8T/9-10 | C | Static | VSD not necessary | 1.00 | 43.4 | 44.1 | 7.690 | 58154 | 207 | 728 |
| HGT-140-8T/9-15 | C | Static | VSD not necessary | 1.00 | 42.2 | 42.2 | 12.000 | 70586 | 259 | 726 |
| HGT-140-8T/9-20 | B | Total | VSD not necessary | 1.00 | 63.8 | 63.6 | 15.620 | 90477 | 397 | 727 |
| HGT-160-6T/6-10 IE3 | C | Static | VSD not necessary | 1.00 | 50.0 | 49.9 | 11.716 | 63476 | 332 | 965 |
| HGT-160-6T/6-15 IE3 | C | Static | VSD not necessary | 1.00 | 49.9 | 49.7 | 13.881 | 69036 | 361 | 971 |
| HGT-160-6T/6-20 IE3 | C | Static | VSD not necessary | 1.00 | 50.0 | 49.8 | 16.050 | 76198 | 379 | 976 |
| HGT-160-6T/6-25 IE3 | C | Static | VSD not necessary | 1.00 | 51.1 | 50.8 | 18.015 | 83550 | 397 | 982 |
| HGT-160-6T/6-30 IE3 | C | Static | VSD not necessary | 1.01 | 49.6 | 49.0 | 23.626 | 101933 | 413 | 980 |
| HGT-160-6T/6-40 IE3 | C | Static | VSD not necessary | 1.01 | 48.7 | 47.9 | 29.721 | 112419 | 463 | 986 |
| HGT-160-6T/6-50 IE3 | C | Static | VSD not necessary | 1.01 | 45.8 | 44.9 | 37.083 | 124823 | 490 | 986 |
| HGT-160-6T/9-15 IE3 | C | Static | VSD not necessary | 1.01 | 61.3 | 61.0 | 17.155 | 48815 | 776 | 965 |
| HGT-160-6T/9-20 IE3 | C | Static | VSD not necessary | 1.01 | 61.3 | 61.0 | 17.155 | 48815 | 776 | 974 |
| HGT-160-6T/9-25 IE3 | C | Static | VSD not necessary | 1.01 | 54.9 | 54.4 | 19.703 | 54121 | 719 | 980 |
| HGT-160-6T/9-30 IE3 | C | Static | VSD not necessary | 1.01 | 49.6 | 49.1 | 22.807 | 96649 | 421 | 981 |
| HGT-160-6T/9-40 IE3 | C | Static | VSD not necessary | 1.01 | 46.4 | 45.6 | 32.226 | 114536 | 470 | 985 |
| HGT-160-6T/9-50 IE3 | C | Static | VSD not necessary | 1.01 | 46.5 | 45.6 | 36.708 | 123602 | 497 | 986 |
| HGT-160-6T/9-60 IE3 | C | Static | VSD not necessary | 1.01 | 44.8 | 43.7 | 45.763 | 136601 | 540 | 986 |
| HGT-160-6T/9-75 IE3 | C | Static | VSD not necessary | 1.01 | 44.6 | 43.3 | 55.970 | 150237 | 598 | 986 |
| HGT-160-6T/9-100 IE4 | B | Total | VSD not necessary | 1.01 | 62.9 | 61.3 | 80.931 | 189565 | 966 | 990 |
| HGT-160-8T/6-4 | C | Static | VSD not necessary | 1.00 | 43.8 | 45.3 | 5.820 | 48108 | 191 | 682 |
| HGT-160-8T/6-5.5 | C | Static | VSD not necessary | 1.00 | 44.3 | 45.9 | 5.746 | 48108 | 191 | 705 |
| HGT-160-8T/6-7.5 | C | Static | VSD not necessary | 1.00 | 46.8 | 48.0 | 6.430 | 52322 | 207 | 725 |
| HGT-160-8T/6-10 | C | Static | VSD not necessary | 1.00 | 48.3 | 48.8 | 8.290 | 63322 | 228 | 726 |
| HGT-160-8T/6-15 | C | Static | VSD not necessary | 1.00 | 47.5 | 47.5 | 12.070 | 80330 | 257 | 726 |
| HGT-160-8T/6-20 | C | Static | VSD not necessary | 1.00 | 45.2 | 45.0 | 15.190 | 90276 | 274 | 727 |
| HGT-160-8T/6-25 | C | Static | VSD not necessary | 1.00 | 42.1 | 41.6 | 19.330 | 101197 | 289 | 727 |
| HGT-160-8T/9-7.5 | C | Static | VSD not necessary | 1.00 | 54.6 | 55.1 | 8.390 | 36997 | 446 | 701 |
| HGT-160-8T/9-10 | C | Static | VSD not necessary | 1.00 | 58.6 | 59.3 | 7.810 | 36997 | 446 | 727 |
| HGT-160-8T/9-15 | C | Static | VSD not necessary | 1.00 | 47.4 | 47.5 | 10.380 | 73250 | 242 | 729 |
| HGT-160-8T/9-20 | C | Static | VSD not necessary | 1.00 | 44.5 | 44.2 | 16.690 | 93677 | 285 | 725 |
| HGT-160-8T/9-25 | C | Static | VSD not necessary | 1.00 | 43.0 | 42.6 | 18.950 | 96883 | 303 | 727 |
| HGT-160-8T/9-30 | C | Static | VSD not necessary | 1.00 | 44.2 | 43.6 | 22.380 | 105365 | 338 | 736 |
| HGT-160-8T/9-40 | B | Total | VSD not necessary | 1.01 | 62.3 | 61.5 | 33.560 | 139362 | 541 | 730 |
| HGT-125-4T/6# | | | | | 0.0 | 0.0 | 0.000 | | | |
| HGT-125-4T/9# | | | | | 0.0 | 0.0 | 0.000 | | | |
| HGT-125-6T/6# | | | | | 0.0 | 0.0 | 0.000 | | | |
| HGT-125-6T/9# | | | | | 0.0 | 0.0 | 0.000 | | | |
| HGT-125-8T/9# | | | | | 0.0 | 0.0 | 0.000 | | | |
| HGT-140-6T/6# | | | | | 0.0 | 0.0 | 0.000 | | | |
| HGT-140-6T/9# | | | | | 0.0 | 0.0 | 0.000 | | | |
| HGT-140-8T/9# | | | | | 0.0 | 0.0 | 0.000 | | | |
| HGT-160-6T/6# | | | | | 0.0 | 0.0 | 0.000 | | | |
| HGT-160-6T/9# | | | | | 0.0 | 0.0 | 0.000 | | | |
| HGT-160-8T/6# | | | | | 0.0 | 0.0 | 0.000 | | | |
| HGT-160-8T/9# | | | | | 0.0 | 0.0 | 0.000 | | | |