

## 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)

<b>MC</b>	Measurement category
<b>EC</b>	Efficiency category
<b>VSD</b>	Variable Speed Drive
<b>SR</b>	Specific ratio

<b>[m³/h]</b>	Flow rate
<b>[Pa]</b>	Static pressure / Total pressure
<b>[RPM]</b>	Speed

<b>ηe [%]</b>	Efficiency
<b>N</b>	Efficiency grade
<b>[kw]</b>	Input power

Model	MC	EC	VSD	SR	ηe[%]	N	[kw]	[m³/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	$\eta_e$ [%]	N	[kW]	[m <sup>3</sup> /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