

MARINE GEARBOX SELECTION GUIDE

Model	Engine speed range (r/min)	Reduction Ratio (i)	Transfer ability (kW/rpm)	Rated thrust (KN)	Center Distance (mm)	Size (mm)	Net Weight (kg)	Manipulation form	Flywheel Size	Flywheel housing size
HC138	1000-2500	2.00 2.52 3.00 3.57 4.05 4.45	0.11	30	225	520*792*760	360	Push-pull flexible shaft, Electronic control	6135Ca SAE 14 11.5	6135Ca SAE 1 2 3
HCD138	1000-2500	5.05 5.63 6.06 6.47	0.110 0.099 0.093	40	296	494*800*870	415	Push-pull flexible shaft, Electronic control	6135Ca SAE 14 11.5	6135Ca SAE 1 2
MB242	1000-2500	2.00 2.54 3.04 3.52 3.95 4.53 5.12 5.56 5.88	0.103 0.100 0.094 0.074	30	242	422*744*763	385	Push-pull flexible shaft, Electronic control	SAE 14 11.5 6135	SAE 1 2 3 6135
MB270A	1000-2500	3.00 4.05 4.53 5.12 5.50 5.95 6.39 6.82	0.147 0.134 0.110 0.088	39.2	270	594*810*868	675	Push-pull flexible shaft, Electronic control	SAE 18 16 14	SAE 0 1
300	750-2500	1.87 2.04 2.54 3.00 3.53 4.10 4.47 4.61 4.94 5.44	0.257 0.243 0.221 0.184 0.147 0.125	50	264	786*930*864	740	Push-pull flexible shaft, Electronic control	12V135 12V150 SAE 18 16 14	12V135 12V150 SAE 0 1
HC300	700-2500	1.50 1.87 2.04 2.23 2.54 3.00 3.53 4.10 4.47 4.61 4.94 5.44	0.257 0.2 0.184 0.147 0.13	50	264	680*930*880	680	Push-pull flexible shaft, Electronic control	12V135 12V150 SAE 18 16 14	12V135 12V150 SAE 0 1
J300	700-2500	2.04 2.54 3.00 3.47 3.95	0.280 0.257	60	264	786*930*864	740	Push-pull flexible shaft, Electronic control	12V135 12V150 SAE 18 16 14	12V135 12V150 SAE 0 1
D300A	1000-2500	4.00 4.48 5.05 5.52 5.90 6.56 7.06 7.63	0.257 0.243 0.221 0.184 0.147 0.125	60	355	786*1010*1041	940	Push-pull flexible shaft, Electronic control	12V135 SAE 18 16 14	12V135 SAE 0 1
HCD300	1000-2500	4.00 4.48 5.05 5.52 5.90 6.56 7.06 7.63	0.257 0.221 0.200 0.184 0.147 0.130	60	355	680*1010*1041	880	Push-pull flexible shaft, Electronic control	12V135 SAE 18 16 14	12V135 SAE 0 1
T300	1000-2300	4.73 4.95 6.03 6.65 7.04 7.54 8.02 8.47	0.243 0.221 0.200	70	355	772*980*1106	1120	Push-pull flexible shaft, Electronic control	SAE 18 16 14	SAE 0 1
T300/1	1000-2300	8.94 9.45	0.196	70	355	772*980*1106	1120	Push-pull flexible shaft, Electronic control	SAE 18 16 14	SAE 0 1
HC400	1000-1800	1.50 1.77 2.04 2.50 2.86 3.00 3.25 3.33 3.42 4.06 4.61 4.94	0.331 0.279 0.190	82	264	641*1010*890	820	Push-pull flexible shaft, Electronic control	SAE 18 16 14	SAE 0 1
HCD400A	1000-1800	3.96 4.33 4.33 4.70 5.00 n 5.53 5.71 5.89	0.331 0.293 0.272	82	355	641*1010*988	1100	Push-pull flexible shaft, Electronic control	SAE 18 16 14	SAE 0 1
HCT400A	1000-2100	6.09 6.49 6.93 7.42 7.96 8.40 9.00 9.47	0.331 0.309 0.287 0.265 0.243	82	375	784*992*1130	1450	Push-pull flexible shaft, Electronic control	SAE 18 16 14	SAE 0 1
HCT400A/1	1000-2100	8.15 8.69 9.27 9.94 10.60 11.37 12.00 12.50 13.96	0.331 0.316 0.297 0.274 0.262 0.204	120	465	869*1100*1275	1500	Push-pull flexible shaft, Electronic control	SAE 18 16 14	SAE 0 1

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HC600A	1000-2100	2.00 2.48 3.00 3.58 3.89	0.48 0.44 0.40	90	320	745*1214*1126	1300	Push-pull flexible shaft, Electronic control	SAE 18 16 14	SAE 0 1
HCD600A	1000-2100	4.18 4.43 4.70 5.00 5.44 5.71	0.48 0.46 0.44 0.40	90	415	745*1214*1271	1550	Push-pull flexible shaft, Electronic control	SAE 21 18 16 14	SAE 00 0 1 no housing
HCT600A	1000-2100	6.06 6.49 6.97 7.51 8.04 8.66 9.35	0.44 0.40 0.37 0.33 0.29 0.28	90	415	805*1094*1271	1600	Push-pull flexible shaft, Electronic control	SAE 21 18 16 14	SAE 00 0 1 no housing
HCT600A/1	1000-2100	7.04 7.69 8.23 8.82 9.47 10.10 10.80 11.65 12.57 13.64 14.44 15.91	0.441 0.412 0.400 0.375 0.353 0.331 0.272 0.257 0.204	140	500	878*1224*1346	1700	Push-pull flexible shaft, Electronic control	SAE 21 18 16 14	SAE 00 0 1 no housing
HCD800	600-1800	3.00 3.43 3.96 4.17 4.39 4.90 5.47 5.89	0.625 0.588 0.551 0.515	110	450	1056*1280*1341	2200	Push-pull flexible shaft, Electronic control	SAE 21 18 16	SAE 00 0
HCT800	600-1800	4.95 5.57 5.68 5.93 6.43 6.86 7.33 7.84 8.40	0.625 0.588 0.551 0.515 0.480	140	450	1056*1280*1425	2700	Push-pull flexible shaft, Electronic control	SAE 21 18 16	SAE 00 0
HCT800/1	600-1800	6.91 7.28 7.69 8.13 8.6 9.12 9.68 10.3 10.98 11.76 12.43 13.17 13.97 14.85 15.82 16.58 17.91 20.12	0.625 0.609 0.575 0.549 0.520 0.491 0.463 0.435 0.408 0.382 0.378 0.278	220	582	1152*1360*1557	3200	Push-pull flexible shaft, Electronic control	SAE 21 18 16	SAE 00 0
HCT800/2	800-1800	11.52 12.21 12.97 14.08 14.48 14.88 15.48 15.76 16.72 17.77 18.94	0.6 0.553 0.549 0.52 0.503 0.491 0.463 0.435 0.382	220	666	1190*1490*1707	3600	Push-pull flexible shaft, Electronic control	SAE 21 18 16	SAE 00 0 no housing
HCT800/2A	600-1800	13.12 13.81 14.55 15.33 16.16 17.04 17.99 20.27 22.18	0.6816 0.6474 0.6147 0.5834 0.5534 0.5250 0.497 0.441 0.435	220	666	1190*1490*2040	4000	Push-pull flexible shaft, Electronic control	SAE 21 18 16	SAE 00 0

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HCT800/3	800-1800	16.56 17.95 20.19	0.597 0.551 0.491	240	736	1235*1570*1789	4200	Push-pull flexible shaft, Electronic control	SAE 21 18 16	SAE 00 0
HC1000	600-1900	200217250264304348359 4.06	0.735 0.650	110	335	1082*1120*990	1700	Push-pull flexible shaft, Electronic control	based on the engine flywheel	no housing
HCD1000	600-1900	343396439445490506 5.47 5.83	0.735 0.68 0.65	140	450	1082*1280*1345	2200	Push-pull flexible shaft, Electronic control	SAE 21 18	SAE 00 0
HCT1100	700-1800	505560598639 6.85 7.35 7.90 8.53 8.90	0.846 0.835 0.772 0.736 0.682 0.653	150	500	1150*1350*1547	3000	Push-pull flexible shaft, Electronic control	based on the engine flywheel	no housing
HC1200	600-1900	160203248250296318333355 3.79 4.06 4.20 4.47	0.93 0.88 0.80 0.695 0.650	120	380	1082*1200*1130	2000	Push-pull flexible shaft, Electronic control	based on the engine flywheel	no housing
HC1200/1	600-1800	370374395414445500525558	0.930 0.833 0.695 0.650	140	450	1096*1260*1270	2500	Push-pull flexible shaft, Electronic control	based on the engine flywheel	no housing
HCT1200	700-1800	505560598639685735790 8.53 8.90	0.93 0.80 0.768	150	500	1188*1350*1547	3050	Push-pull flexible shaft, Electronic control	based on the engine flywheel	no housing
HCT1200/1	600-1600	8559169571008 10.74 11.05 11.45 12.17 12.53 12.92 13.65 13.96 14.54	0.93 0.83 0.82 0.78 0.74 0.72 0.7 0.65 0.625 0.6	220	580	1056*1430*1670	3600	Push-pull flexible shaft, Electronic control	based on the engine flywheel	no housing
HC1250	400-1800	203248304348 3.95	0.919 0.850	140	390	1155*1330*1435	2200	Push-pull flexible shaft, Electronic control	based on the engine flywheel	no housing
HCD1400	600-1800	38340442743245248505550 5.86	1.03 0.778	175	485	1260*1380*1360	2800	Push-pull flexible shaft, Electronic control	based on the engine flywheel	no housing
HCT1400	600-1800	406451503552597648703750801 8.47 8.60 9.00 9.12 9.55	0.13 1.00 0.96 0.93 0.90 0.85	220	550	1306*1380*1750	3700	Push-pull flexible shaft, Electronic control	based on the engine flywheel	no housing
HC1600	500-1650	203254300350400	1.213	170	415	1345*1500*1300	3000	Push-pull flexible shaft, Electronic control	based on the engine flywheel	no housing
HCD1600	500-1650	297350396448495 5.25	1.213 1.164	200	520	1291*1620*1590	3600	Push-pull flexible shaft, Electronic control	based on the engine flywheel	no housing
HCT1600	500-1900	555597659699744792 8.46900 9.53	1.213 1.104 0.93	250	585	1246*1500*1750	4200	Push-pull flexible shaft, Electronic control	based on the engine flywheel	no housing
HC2000	600-1500	228252313352 3.91 4.40	1.48 1.42 1.23	190	450	1600*1500*1400	3500	Push-pull flexible shaft, Electronic control	based on the engine flywheel	no housing
HCD2000	600-1500	300.358396445495 5.26 5.43 5.75 6.05	1.48 1.42 1.34 1.23 1.19	220	560	1600*1620*1645	4000	Push-pull flexible shaft, Electronic control	based on the engine flywheel	no housing

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HCT2000	600-1500	5.19 5.49 5.94 6.58 7.01 7.48 7.76 8.00 8.57 8.84 9.43 10.04 11.00	1.48 1.42 1.34 1.23 1.21 1	270	625	1284*1600*1835	5600	Push-pull flexible shaft, Electronic control	based on the engine flywheel	no housing
HCT2000-1	600-1500	7.94 8.57 9.06 9.59 10.16 10.40 11.11 11.49 12.08 12.42 12.97 13.51 13.92	1.48 1.43 1.4 1.246 1.18	340	690	1500*1760*2010	7000	Push-pull flexible shaft, Electronic control	based on the engine flywheel	no housing
HC2700	500-1400	1.54 2.03 2.58 3.09 3.48 3.95 4.47	2.05 1.96 1.75	270	490	1670*1613*1650	5500	Push-pull flexible shaft, Electronic control	based on the engine flywheel	no housing
HCD2700	500-1400	3.65 4.04 4.50 5.05 5.48 6.11	2.05 1.96 1.70	280	630	1400*1780*1530	6000	Push-pull flexible shaft, Electronic control	based on the engine flywheel	no housing
HCT2700	500-1400	4.92 5.43 6.16 6.58 7.03 7.53 8.01 8.54 9.12 9.42 10.05	2.05 1.92 1.83 1.76 1.54	340	680	1900*2000*1970	7600	Push-pull flexible shaft, Electronic control	based on the engine flywheel	no housing
HCT2700-1	500-1400	7.91 8.44 8.84 9.47 9.89 10.55 11.26 11.64 12.41	2.05 1.96 1.86 1.78 1.70	450	800	1900*2250*1950	9000	Push-pull flexible shaft, Electronic control	based on the engine flywheel	no housing