

Hallberg-Rassy 412 propeller measurements

	RPM	Knots	L/Hour	NM/L	L/NM	Theoretical range*
2 bladed folding	1000	2,90	1,30	2,23	0,45	736
	1300	4,10	1,60	2,56	0,39	845
	1500	4,90	2,20	2,23	0,45	736
	1800	5,75	2,80	2,05	0,49	676
	2000	6,40	3,50	1,83	0,55	604
	2300	7,05	5,10	1,38	0,72	455
	2500	7,40	6,30	1,17	0,85	386
	2800	7,75	8,50	0,91	1,10	300
	3000	7,80	11,10	0,70	1,42	231

3 bladed Gori in normal gear	700	2,70	0,80	3,38	0,30	1115
	1000	4,15	1,30	3,19	0,31	1053
	1300	5,40	2,00	2,70	0,37	891
	1500	5,90	2,60	2,27	0,44	749
	1800	6,90	4,20	1,64	0,61	541
	2000	7,45	5,40	1,38	0,72	455
	2300	7,90	7,60	1,04	0,96	343
	2500	8,20	10,50	0,78	1,28	257
	2800	8,45	14,80	0,57	1,75	188
	2931	8,50	17,40	0,49	2,05	162

3 bladed Gori in overdrive <i>This propeller is recommended for best fuel economy and lowest noise</i>	700	2,95	1,00	2,95	0,34	974
	1000	5,15	1,80	2,86	0,35	944
	1300	6,15	2,50	2,46	0,41	812
	1500	7,10	4,60	1,54	0,65	508
	1800	7,80	6,80	1,15	0,87	379
	2000	8,25	9,70	0,85	1,18	280
	2192	8,45	13,30	0,64	1,57	211

Notice: These figures are approximate. Deciding factors are for example how clean the bottom is, how clean the propeller is, how much loaded the boat is, seastate, windforce, wind direction and more. Measures have been carried out with a new, clean and empty boat under ideal conditions.

* The theoretical range is based upon the assumption that 330 litres out of the 340 litres in the tanks can be used. Always have an extra safety margin. There are factors affecting the range such as the ones mentioned above, but also the trim of the boat; a boat that heels or is trimmed on the nose or the transom cannot utilize all the fuel in the tank.

Figures in red: Only for temporary use