

Hallberg-Rassy 57 propeller measurements

3 bladed Gori in normal gear

RPM	Knots	L/Hour	NM/L	L/NM	Theoretical range*
idle	3,0	1,20	2,5	0,40	2 588
1000	4,0	3,00	1,33	0,75	1 380
1300	5,3	4,00	1,33	0,75	1 371
1500	6,3	4,80	1,31	0,76	1 358
1800	7,5	8,80	0,85	1,17	882
2000	8,1	12,00	0,68	1,48	699
2200	8,6	17,00	0,51	1,98	524
2400	8,6	21,50	0,40	2,50	414
2600	8,7	27,50	0,32	3,16	327
2800	8,7	31,50	0,28	3,62	286
2910	8,8	33,50	0,26	3,81	272

3 bladed Gori in overdrive

This propeller is recommended for best fuel economy and low noise

idle	3,60	1,20	3,00	0,33	3 105
1000	4,20	3,20	1,31	0,76	1 358
1300	5,80	4,40	1,32	0,76	1 364
1500	7,20	6,00	1,20	0,83	1 242
1800	8,40	12,50	0,67	1,49	696
2000	8,80	19,00	0,46	2,16	479
2200	9,00	24,50	0,37	2,72	380
2400	8,80	30,50	0,29	3,47	299
2470	8,70	31,50	0,28	3,62	286

Notice: These figures are approximate. Deciding factors are for example how clean the underwater body 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 1035 litres out of the 1050 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

Engine: Volvo Penta D4-180, Transmission: HS45AE 2.435:1

Propeller: 3 bladed Gori with overdrive, 28 inch diameter, 19 inch pitch, 45 mm shaft