

# PROPELLER RECOMMENDATION CHART

FIRST, select a trial propeller from chart, using approximate boat length and load if known. This usually will be the correct choice. Refer to transom height recommendation. Establish exact transom height and tilt pin setting by test. TO CHECK, make a trial run, using an accurate tachometer. It is important that the engine speed (RPM) falls within the recommended limits. The trial run should be made with a light load (one person). Under these conditions, it is desirable to have the engine speed near the top of the recommended limit so that under a heavy load, engine speed will not fall below recommendations.

If the engine speed is too high, try a higher pitch or the same pitch cupped. Likewise, if engine speed is low, try a lower pitch prop. There normally is a 300-500 RPM change between propeller pitches.

## RIGHT HAND ROTATION - MARK MODELS

NOTE: For information concerning left hand rotation props, refer to "Left Hand Rotation Only", this section.

Motor Model	Clockwise RH Rotation	Propeller				Approx. Gross Load#	Approx. Boat Length	Transom Height		Speed Range RPM	
		Dia.	Pitch	No. Bl.	Material			Std. Length	Long Shaft		
Mark 15	A-48-25551A1	9½"	9"	3	Bronze	750-1200	14-16'	16"		15-25	
Mark 25-20 Recommended Operating RPM: 5500-5800	A-48-25663A1	9¾"	11.6"	2	Bronze	400-500	11-12½'	All	16"	31-34	
	A-48-25419A2	9¾"	11.7"	2	Alum.	400-500	11-12½'			31-34	
	A-48-25662A1	9¾"	11"	2	Bronze	450-800	12-15			25-30	
	A-48-23647A1	9¾"	11"	2	Alum.	450-800	12-15			25-30	
	A-48-25551A1	9½"	9"	3	Bronze	750-1200	14-16			15-25	
Mark 30  Recommended Operating RPM: 5700-5900	A-48-25518A1	9¾"	13"	2	Bronze	Up to 650	12-14'	All		32-36	
	A-48-25419A2	9¾"	11.7"	2	Alum.	600-850	14-16			27-32	
	A-48-25663A1	9¾"	11.6"	2	Bronze	600-850	14-16			27-32	
	A-48-23647A1	9¾"	11"	2	Alum.	850-1400	15-16½'	16½"	25-29		
	A-48-25662A1	9¾"	11"	2	Bronze	850-1400	15-16½'		25-29		
	A-48-25551A1	9½"	9"	3	Bronze	1300-1850	17-20		17-22		
Mark 55* 50 35A        Full Throttle RPM Range: 5200-5600	A-48-28765A2	10¾"	15"	2	Bronze	Up to 850	12-14'	All	16½"	21½"	40-47
	A-48-27028A2	10¾"	14"	2	Bronze	Up to 950	13-15			21½"	35-43
	A-48-23587A*	10¾"	13"	2	Bronze	Up to 800	12-14'			21½"	35-40
	A-48-29986A2	10¾"	13"	2	Alum.	Up to 800	12-14			21½"	35-40
	A-48-22636A*	10¾"	12"	2	Bronze	700-1100	14-16			21½"	30-35
	A-48-22914A*	10¾"	12"	2	Alum.	700-1100	14-16			21½"	30-35
	A-48-23586A*	10¾"	11"	2	Bronze	800-1300	15½-16½'			21½"	28-32
	A-48-29296A2	10¾"	11"	2	Alum.	800-1300	15½-16½'			21½"	28-32
	A-48-26666A*	10¾"	10"	2	Bronze	900-1800	16½-18			21½"	23-28
	A-48-29985A2	10¾"	10"	2	Alum.	900-1800	16½-18			21½"	23-28
	A-48-22105A*	10¾"	10"	3	Bronze	950-1800	16½-18			21½"	23-28
	A-48-25773A2	10¾"	9"	2	Bronze	1000-1900	18-20			21"	18-25
	A-48-22814A*	10¾"	8"	3	Bronze	1900-3000	19-21			21"	14-21

\* Suffix for Mark 55 11-spline propeller hub is "A2"; for 14-spline, "A1" All Mark 50 are "A1"; all Mark 35A are "A2".

# Gross Loads are approximate; include weight of boat, engine, fuel, passengers and gear.