

# Randolph Gear Drive **Product of Randolph Manufacturing Company** A Don Randolph Company

Phone (806)765-5583/ (888)726-4327/Fax (806)765-7735 1110 North Avenue T, Lubbock, TX 79415

### Standard Drive, Figure 1 Rotation

Stant	iai u D	iive, i	iguie	FINU	lation										
MODEL	1:1	10:11	5:6	4:5	3:4	2:3	4:7	1:2	11:10	6:5	5:4	4:3	3:2	7:4	2:1
J20	1920	N/A	1920	N/A	1920	2160	N/A	2160	N/A	1920	N/A	1920	2160	N/A	2160
J30	2030	N/A	2030	N/A	2030	2220	N/A	2220	N/A	2030	N/A	2030	2520	N/A	2270
M40	2210	2210	2210	2210	2210	2320	N/A	N/A	2210	2210	2210	2210	2320	N/A	N/A
M60	2460	2460	2460	2460	2460	2380	N/A	N/A	2460	2460	2460	2460	2570	N/A	N/A
M80	2780	2780	2780	2780	2780	2890	N/A	N/A	2780	2780	2780	2780	2890	N/A	N/A
M100	2940	2940	2940	2940	2940	3070	N/A	N/A	2940	2940	2940	2940	3070	N/A	N/A
M150	4230	4230	4230	4230	4230	4470	4600	4600	3680	3680	3680	3680	4470	4600	4600
M200	4600	4600	4600	4800	4800	N/A	N/A	N/A	4600	4800	4800	4600	N/A	N/A	N/A
G40	2800	2800	2970	2970	2970	2970	2970	2970	2970	2970	2970	2970	3200	3200	3200
G60	3100	3100	3100	3400	3400	3400	3100	3100	3100	3100	3100	3100	3350	3350	3350
G80	3170	3170	3170	3630	3630	3630	3400	3400	3170	3170	3170	3170	3630	3630	3630
G100	3390	3740	3740	4010	4010	4010	3620	3620	3390	3390	3390	3390	3920	4320	4320
G125	3630	3850	3850	4250	4250	4250	3850	3850	3630	3630	3630	3630	4150	4620	4620
G150	4790	4790	4790	5110	5110	5110	5440	5440	4790	4790	5110	5110	5110	5440	5440
G200	5380	5380	5650	5650	5650	6080	6080	6080	5650	5650	5650	5650	6080	6800	6800
G250	8570	9450	9450	9530	9530	9880	9880	9450	9450	8570	9450	8750	9450	9880	9880
G300	9270	10230	10230	10360	10360	10590	10590	10230	10230	9270	10230	9770	9770	10590	10590
G350	10920	10920	10920	11020	11020	11130	11130	N/A	10920	10920	10920	10920	11130	N/A	N/A
G400	12960	12960	12960	13170	13170	13170	N/A	N/A	12960	12960	12960	12960	13170	N/A	N/A
G450	14000	14000	14000	14210	14210	14210	N/A	N/A	14000	14000	14000	14000	14210	N/A	N/A
F500	15660	15660	17260	17260	17260	18300	19100	19100	17260	17260	15660	15660	18300	19100	19100
F590	19090	19090	20940	20940	20940	22650	22650	22650	20940	20940	20940	20940	22650	22650	23550
F750	30600	32970	30600	34450	34450	31180	37690	37690	32970	30600	31180	31180	32970	39870	39870
F1000	39650	43680	43680	43680	43680	48450	48450	48450	43680	42720	43680	43680	45190	45190	45190
F1200	45960	45960	45960	C/F	C/F	C/F	C/F	C/F	45960	45960	C/F	C/F	C/F	C/F	C/F
F1500	52010	52010	52010	C/F	C/F	C/F	C/F	C/F	52010	52010	C/F	C/F	C/F	C/F	C/F

#### **Options - To Be Added to List Price of Standard Drives**

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	Rotation Fig.2,3,4	Extra Heavy Thrust	Combination Motor Stand Clutch Operation		Vertical Solid Shaft	Marine Package	Copper Cooling	Opposed Thrust	Sprag Non Reverse	Mutuai Fivi	Net Expor
MODEL	g.2,0, .		Manual	Centrifugal	Cona Chart	. donago	Coils	Bearings		Label	Dox
J20	1090	400	3440	6350	2540	720	N/A	N/A	N/A	N/A	90
J30	1090	N/A	3440	6350	2540	720	N/A	N/A	N/A	N/A	90
M40	N/A	830	N/A	N/A	2710	800	190	1690	460	360	130
M60	N/A	830	N/A	N/A	2710	800	190	1690	460	360	130
M80	N/A	830	N/A	N/A	2710	800	190	1690	460	360	130
M100	N/A	830	N/A	N/A	2710	800	INCL	1690	460	360	130
M150	1620	1190	5300	N/A	3010	1200	INCL	1810	480	360	160
M200	1620	N/A	N/A	N/A	3010	1200	INCL	1810	540	360	160
G40	1640	1010	4520	6940	2900	910	180	1810	480	360	160
G60	1640	1010	4520	6940	2900	910	180	1810	480	360	160
G80	1640	1010	4520	6940	2900	910	180	1810	480	360	160
G100	1640	1200	4520	6940	2900	1070	180	1810	480	360	160
G125	1640	1200	4720	7150	2900	1070	180	1810	480	360	160
G150	1990	1630	5440	8620	3080	1450	180	2000	600	360	190
G200	2180	1970	5620	9400	3080	1450	180	2000	600	360	190
G250	2180	1970	7620	10970	3620	1910	INCL	2000	600	360	190
G300	2180	2380	7620	12140	3620	1910	INCL	2000	600	360	240
G350	2180	2380	7620	N/A	3620	1910	INCL	2000	600	360	240
G400	2240	2380	8350	N/A	3620	1910	INCL	N/A	600	360	240
G450	2240	N/A	8350	N/A	3620	1910	INCL	N/A	600	360	240
F500	3090	4030	8700	N/A	5260	2420	INCL	N/A	840	360	300
F590	3090	4030	8700	N/A	5260	2420	INCL	N/A	840	360	300
F750	3090	4030	13520	N/A	5440	2650	INCL	N/A	INCL	360	370
F1000	3270	4350	23400	N/A	5810	3630	INCL	N/A	INCL	C/F	480
F1200	3270	4350	23400	N/A	5810	2860	INCI	N/A	C/F	C/F	540

- \* Hollow Shaft Pin Type Non Reverse included on all standard Drives
- \* Marine Package: Includes Stainless Steel Hardware, Standpipe, Nameplate, Epoxy Paint, & Cupro-Nickel Cooling Coils when applicable.
- \* Check the following applications with Factory:
  - Pump Speeds slower or Higher than indicated in Catalog.
  - Any special taps, bores Mountings, or gauge Indicators
- \* Randolph Manufacturing Co. Builds units through 1500 HP Contact factory for prices & delivery.
- \* All prices are F.O.B. Factory.



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## **Propeller Pump Gear Drives**

MODEL	2:1	5:2	3:1	7:2	4:1	9:2	5:1	11:2	6:1			
M80P	4290	4940	4940	N/A	N/A	N/A	N/A	N/A	N/A			
M200P	6500	7520	7520	N/A	N/A	N/A	N/A	N/A	N/A			
M16AH	10140	10140	10140	10290	10290	N/A	10580	N/A	N/A			
M20A	16620	16620	16620	17700	17700	17710	17710	17700	17700			
M22A	30100	30100	30100	30100	30100	30100	30100	30100	30100			
M26A	43640	43640	43640	43640	43640	43640	43640	43640	43640			
M30A	53530	53530	53530	53530	53530	53530	53530	53530	53530			
M32A	CONTACT FACTORY											
M34A	CONTACT FACTORY											
M36A		CONTACT FACTORY										
M40A	CONTACT FACTORY											
M44A	CONTACT FACTORY											
M48A			•	CONT	ACT FAC	TORY	•					
M52A			•	CONT	ACT FAC	TORY	•		·			



## **Options - To Be Added to List Price of Propeller Pump Drives**

	Rotation	Extra Heavy	Combination Motor Stand Clutch Operation		Solid Shaft	Shaff Marine	Copper Cooling	Opposed Thrust		Net Export	Slant	
MODEL	Fig.2,3,4	Thrust	Manual	Automatic		Package	Coils	Bearings	Reverse	Box	Drives	
M80P	1620	1010	4940	C/F	2890	970	180	C/F	INCL	130	1990	
M200P	2170	1970	5600	C/F	3070	1440	180	C/F	INCL	160	2890	
M16AH	1270	C/F	7220	C/F	3070	1200	C/F	INCL	INCL	160	3240	
M20A	2170	C/F	7590	C/F	3240	1440	C/F	INCL	INCL	170	3600	
M22A	2520	C/F	8130	C/F	3430	1690	C/F	INCL	INCL	200	3980	
M26A	3980	C/F	8490	C/F	3790	1920	C/F	INCL	INCL	230	4330	
M30A	5050	C/F	10470	C/F	5230	2170	C/F	INCL	INCL	370	6860	
M32A		CONTACT FACTORY										
M34A		CONTACT FACTORY										
M36A		CONTACT FACTORY										
M40A		CONTACT FACTORY										
M44A		CONTACT FACTORY										
M48A		CONTACT FACTORY										
M52A		CONTACT FACTORY										

C/F = Contact Factory N/A = Not Available INCL = Included

Propeller Pump Drives are fan cooled and require no additional water cooling. Marine Package includes stainless steel hardware, nameplate, oil tube, and epoxy paint. If sea water cooler, or shell and tube external cooler is required, please contact factory. All prices are subject to change without notice.