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Paragon models

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DETERMINING PARAGON MODELS

Determining the correct model number of any inboard boat transmission can be a real task. In this section we will try to give you information to make the task easier. Ideally locating the factory tag which supplies not only the model number but the gear ratio and serial number as well is best. Generally all Paragon tags were located on the top of the transmission usually close to the shift lever. Older manual type units with a side mounted shift lever also had the tags on top of the case

The P-200, P-300 and P-400 Series Paragon units are now the most common Paragons still in service along with some PM, PMB and PL Series. Other hydraulic operated Paragons are the HB, HF and HJ Series. Paragon also made a hydraulic transmission with the name "Owens" on it. Manually operated Paragon transmissions include the SA, XK, XE and G300 Series units.

Paragons

P Series

P-200 Series

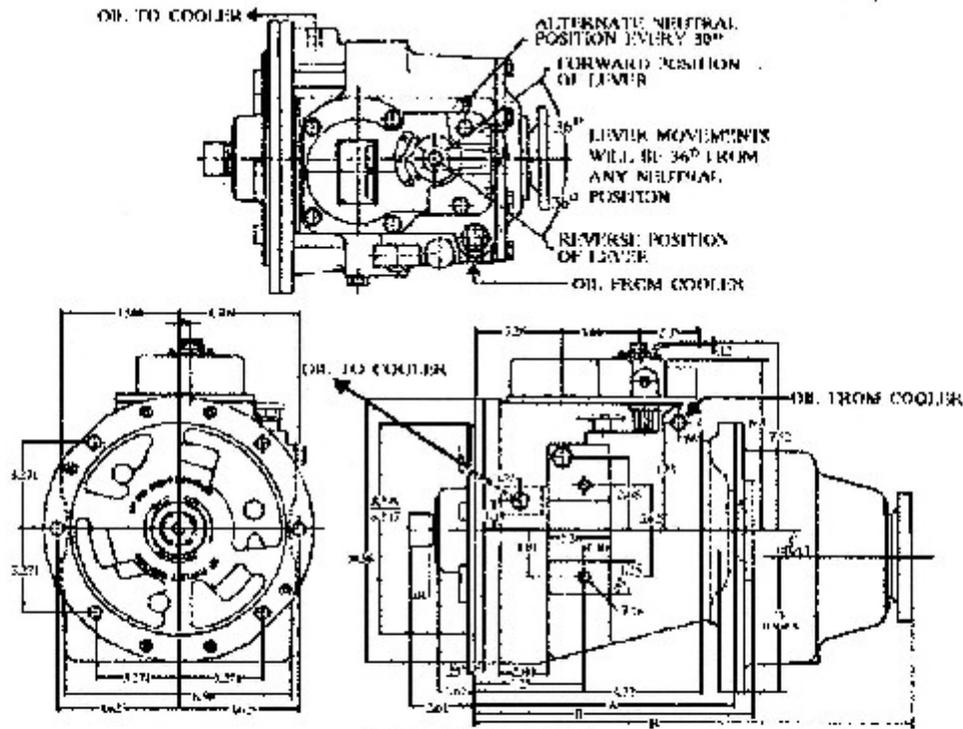


TABLE OF LENGTHS

MODEL	A	B	C	D
P 21	—	10.80	—	—
P 22	9.97	16.85	.85	4.50
P 23	9.97	16.85	1.30	4.50
P 24	10.12	17.16	1.90	5.25
P 25	10.12	17.16	2.10	5.25

DESCRIPTION

MODEL	REDUCTION RATIO	MAX. H.P. @ MAX. R.P.M.	MAX. DISPLACEMENT (cu. in. rev. l)	APPROX. DRY WEIGHT (lb. / kg.)
P 21	Direct	220 @ 4000	315	100
P 22	1.56:1	220 @ 4000	315	150
P 23	2.04:1	220 @ 4000	315	150
P 24	2.52:1	220 @ 4000	315	170
P 25	3.00:1	220 @ 4000	315	170

Note: Ratings are for guidance only for gasoline engine pressure craft applications. Ratings for heavy duty gasoline and Diesel engine applications are approximately smaller. Firm recommendations will be made upon request.

P-300 Series

P-400 Series

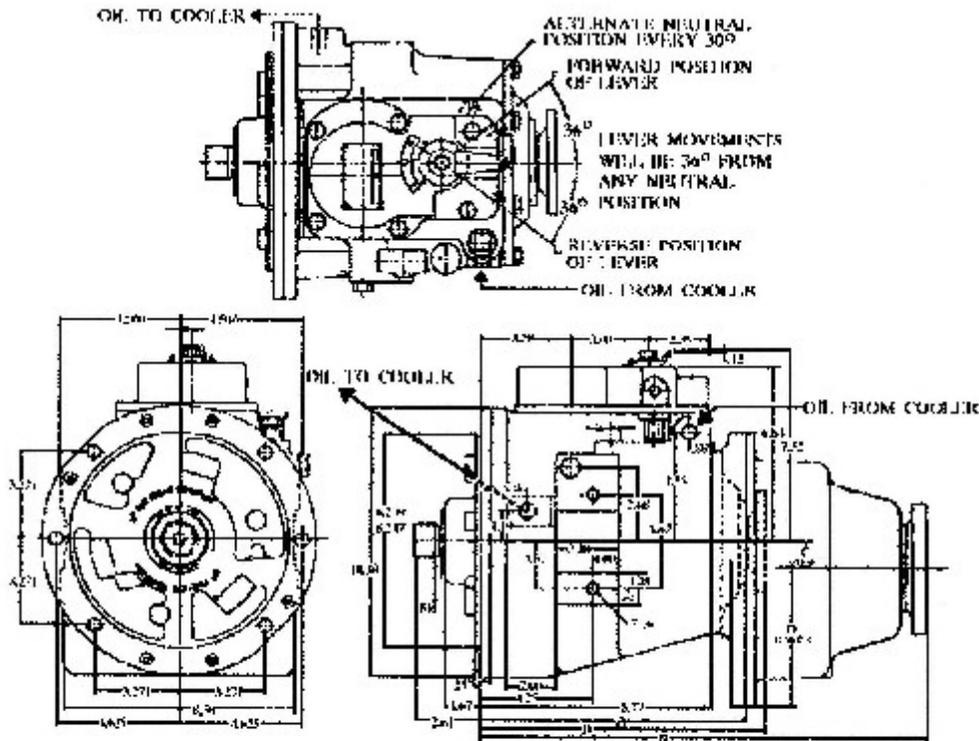


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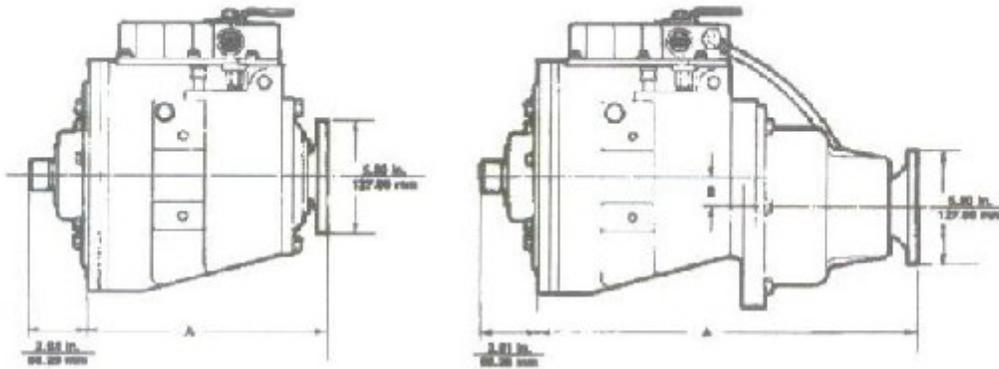
MODEL	A	B	C	D
P 41	—	11.75	—	—
P 42	10.77	17.81	1.05	5.25
P 43	10.87	18.25	1.93	6.12
P 44	10.87	18.25	2.31	6.12
P 45	10.87	18.25	2.56	6.12

DESCRIPTION

MODEL	REDUCTION RATIO	MAX. H.P. @ MAX R.P.M.	MAX. DISPLACEMENT (CUBIC INCHES)	APPROX. DRY WEIGHT (POUNDS)
P 41	Direct	300 @ 4000	450	120
P 42	1.50:1	300 @ 4000	450	190
P 43	2.03:1	300 @ 4000	450	230
P 44	2.54:1	300 @ 4000	450	230
P 45	3.02:1	300 @ 4000	450	230

Note: Ratings are for guidance only for gasoline engine pleasure craft applications. Ratings for heavy duty gasoline and Diesel engine applications are appropriately smaller. Firm recommendations will be made upon request.

PM & PL Series



MODEL	RATIO	A	B	DRY WEIGHT LBS./kg	MAXIMUM BASELINE @ 4000 RPM	HP INPUT BASEL @ 3000 RPM
		INCHES/mm	INCHES/mm			
PM Series PM10R, PM10L	DIRECT	10.78/273.81	—	106/48.96	277	170
PM131R, PM131L	1.31:1	17.29/438.17	82/15.75	150/68.04	251	154
PM15R, PM15L	1.50:1	17.29/438.17	85/21.50	155/70.31	251	154
PM20R, PM20L	2.04:1	17.29/438.17	1.30/33.02	155/70.31	251	154
PM200L*	2.04:1	19.89/494.89	1.30/33.02	177/80.26	251	154
PM25R, PM25L	2.55:1	17.29/438.17	1.55/39.37	155/70.31	198	122
PM30R, PM30L	3.00:1	17.29/438.17	1.70/43.18	155/70.31	157	96
PMB15R, PMB15L	1.50:1	17.70/449.58	1.06/26.92	172/78.02	277	170
PMB20R, PMB20L	2.04:1	17.70/449.58	1.62/41.15	172/78.02	277	170
PMB200L*	2.04:1	19.50/495.30	1.62/41.15	192/81.09	277	170
PMB25R, PMB25L	2.55:1	17.70/449.58	1.94/49.28	172/78.02	277	170
PMB30R, PMB30L	3.00:1	17.70/449.58	2.12/53.85	172/78.02	277	170

NOTE: R or L suffix on model designation refers to engine output rotation. All models provide same output as engine rotation except * above. Models PM200L and PMB200L provide output opposite to engine rotation.

NOTE: Horsepower ratings are furnished as a guide only. Please request our recommendations for proper selection.
NOTE: PMB models are PM Series with heavy duty output groups.

MODEL	RATIO	A	B	DRY WEIGHT LBS./kg	MAXIMUM BASELINE @ 4000 RPM	HP INPUT BASEL @ 3000 RPM
		INCHES/mm	INCHES/mm			
PL Series PM10R, PM10L	DIRECT	11.25/285.75	—	115/52.16	325	205
PM131R, PM131L	1.31:1	17.70/449.58	.75/19.05	172/78.05	335	205
PL15R, PL15L	1.50:1	17.70/449.58	1.06/26.92	179/81.19	335	205
PL20R, PL20L	2.04:1	17.70/449.58	1.62/41.15	179/81.19	335	205
PL200L*	2.04:1	19.50/495.30	1.62/41.15	199/90.26	277	170
PL25R, PL25L	2.55:1	17.70/449.58	1.94/49.28	179/81.19	335	205
PL30R, PL30L	3.00:1	17.70/449.58	2.12/53.85	179/81.19	335	205

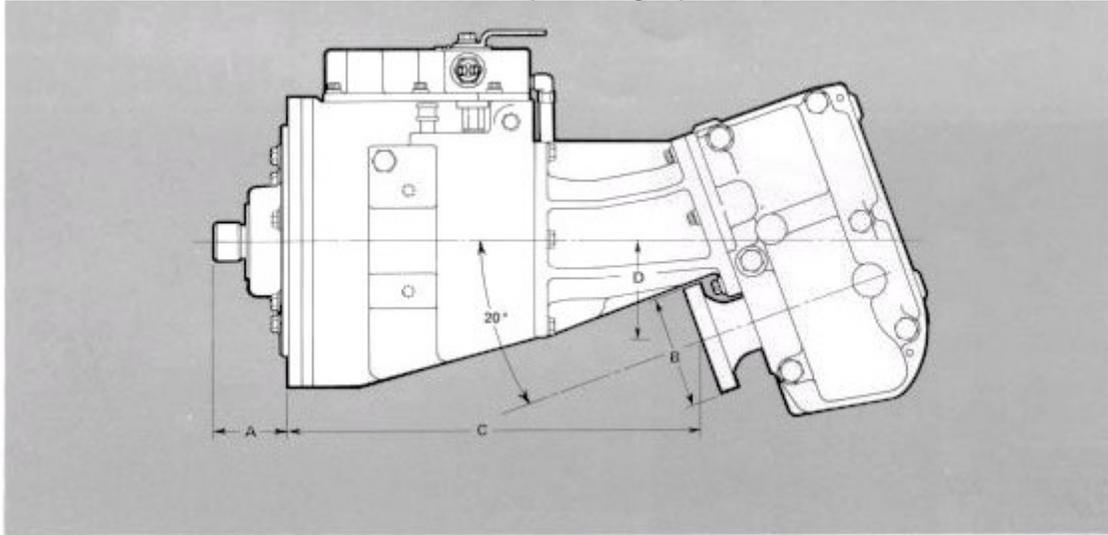
NOTE: R or L suffix on model designation refers to engine output rotation. All models provide same output as engine rotation except * above. Model PL200L provides output opposite to engine rotation.

NOTE: Horsepower ratings are furnished as a guide only. Please request our recommendations for proper selection.

NOTE: All horsepower ratings are furnished as a guide only. Please request specific application assistance from your local Paragon Power dealer.

Paragon V-Drive Old Style

PMV (new style)



MODEL	RATIO	A		B		C		D		DRY WEIGHT		MAXIMUM HP INPUT	
		INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	LBS.	kg	GASOLINE @ 4400 RPM	DIESEL @ 2600 RPM
PMV10R PMV10L	DIRECT	2.61	66.29	4.00	101.60	14.72	373.89	3.65	92.71	190	86.18	277	147
PMV100L*	DIRECT	2.61	66.29	4.00	101.60	14.72	373.89	3.65	92.71	205	92.98	277	147
PMV15R PMV15L	1.52:1	2.61	66.29	4.00	101.60	14.72	373.89	3.65	92.71	190	86.18	277	147
PMV150L*	1.52:1	2.61	66.29	4.00	101.60	14.72	373.89	3.65	92.71	205	92.98	277	147
PMV20R PMV20L	1.96:1	2.61	66.29	4.00	101.60	14.72	373.89	3.65	92.71	190	86.18	277	147
PMV200L*	1.96:1	2.61	66.29	4.00	101.60	14.72	373.89	3.65	92.71	205	92.98	277	147
PMV25R PMV25L	2.58:1	2.61	66.29	4.00	101.60	14.72	373.89	3.65	92.71	190	86.18	277	147
PMV250L*	2.58:1	2.61	66.29	4.00	101.60	14.72	373.89	3.65	92.71	205	92.98	277	147

NOTE: R or L suffix on model designation refers to *engine* output rotation. All models provide *opposite* output to engine rotation except * above. Models PMV 100L, PMV150L, PMV200L and PMV250L provide output same as engine rotation.

NOTE: Horsepower ratings are furnished as a guide *only*. Please request recommendations for proper selection.

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