



REULAND ELECTRIC

Manufacturer of Electric Motors and Related Products

DYNAMIC TESTING

**Powerful Motors For Dynamic Testing
Faster Response For Transient Testing
Quiet (Liquid Cooled)**



**MAKING IT
POSSIBLE
TO TEST
THE MOST
POWERFUL
USING
REULAND
MOTORS**

Designed Data

Internally Cooled...

Frame	Rating		% Overload Power		Acceleration RPM/Sec.	Inertia kgm ²	100% Torque Response ms	Inverter Rating
	HP	RPM	3 Sec.	60 Sec.				
286Y-W	135	1500-6000	200	150	25000	.373	2	460V 330A 200HZ
286-W	200	3000-17000	200	150	35000	.196	2	460V 618A 570HZ
326Y-W	175	1500-6000	200	150	24000	.512	3	460V 430A 200HZ
326-W	235	3000-15000	200	150	25000	.320	2	460V 660A 500HZ
365Y-W	225	1500-6000	200	150	18000	.843	3	460V 560A 200HZ
365-W	300	3000-13000	200	150	20500	.496	2.5	460V 775A 435HZ
405Y-W	300	1500-6000	200	150	12000	1.70	3	460V 690A 200HZ
405-W	400	3000-12000	200	150	13000	1.06	2	460V 960A 400HZ
449Y-W	400	1500-6000	200	150	10000	2.84	4	460V 920A 200HZ
449-W	750	3000-10000	200	150	11000	2.33	3.5	460V 1550A 335HZ

Externally Cooled...

286Y-D	100	1500-6000	200	150	25000	.272	2.5	460V 260A 200HZ
286-D	100	3000-17000	200	150	22000	.155	2	460V 310A 570HZ
326Y-D	150	1500-6000	200	150	23000	.448	3	460V 370A 200HZ
326-D	150	3000-15000	200	150	23000	.224	2.5	460V 415A 500HZ
365Y-D	200	1500-6000	200	150	18500	.744	3	460V 500A 200HZ
365-D	200	3000-13000	200	150	18000	.397	3.5	460V 525A 435HZ
405Y-D	250	1500-6000	200	150	14000	1.28	4	460V 590A 200HZ
405-D	250	3000-12000	200	150	12000	.745	3.5	460V 585A 400HZ
449Y-D	400	1500-6000	200	150	10000	2.84	4	460V 920A 200HZ
449-D	500	3000-10000	200	150	11500	1.50	4	460V 1060A 335HZ

Some Special Requirements By Customers...

286Y-S	30	250-6000	200	150	27000	.455	2.5	400V 120A 200HZ
326Y-SW	268	5500-12000	200	150	20000	.242	3	530V 275A 400HZ
405Y-SW	510	4000-10000	200	150	20000	.796	4	530V 520A 335HZ
449Y-SW	400	1500-10000	200	150	16000	1.80	4	460V 1050A 335HZ
680Y-SW	850	1400-6000	200	150	6000	7.99	4.5	505V 690A 200HZ
445-W	1000	12000-18000	150	125	30000	.258	2	460V 1370A 600HZ

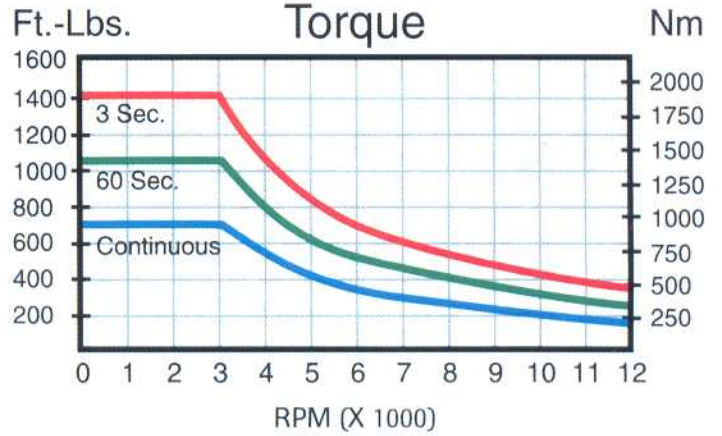
"If your requirements do not match tabulated ratings, with simple mathematical equations, we will meet your needs."

Reuland Electric is currently providing dyno motors to manufacturers of high-performance engine dynamometers for advance engine development and testing, and power train simulation. The above ratings are only a few designs for this state-of-the-art technology.

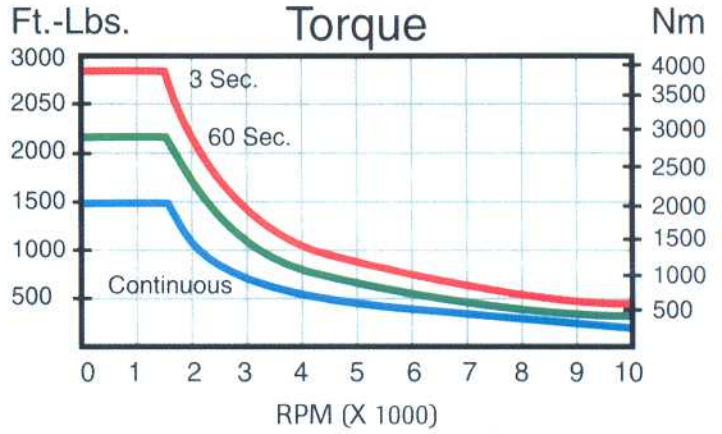
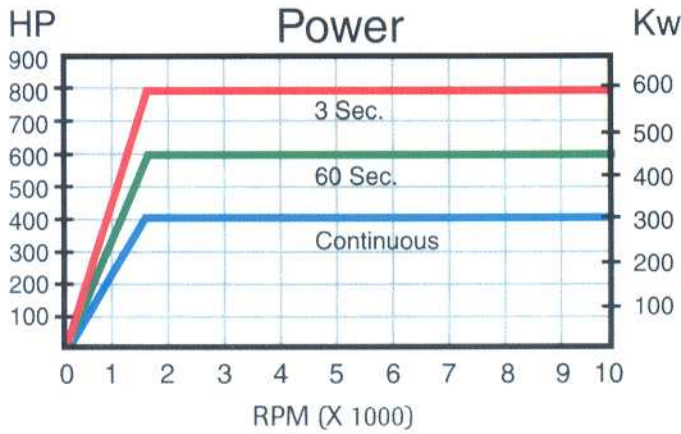


Performance Curves

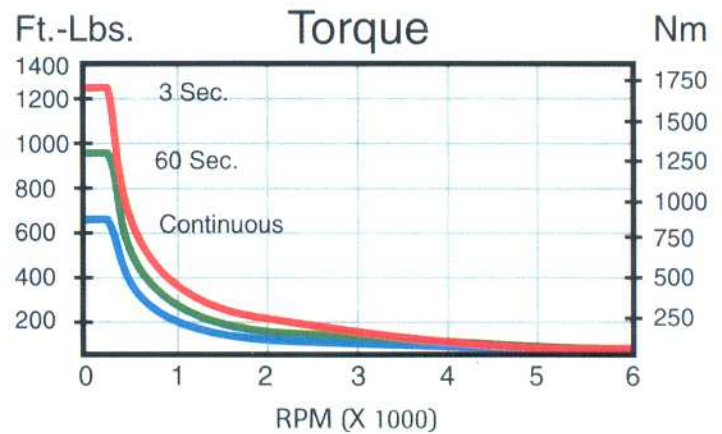
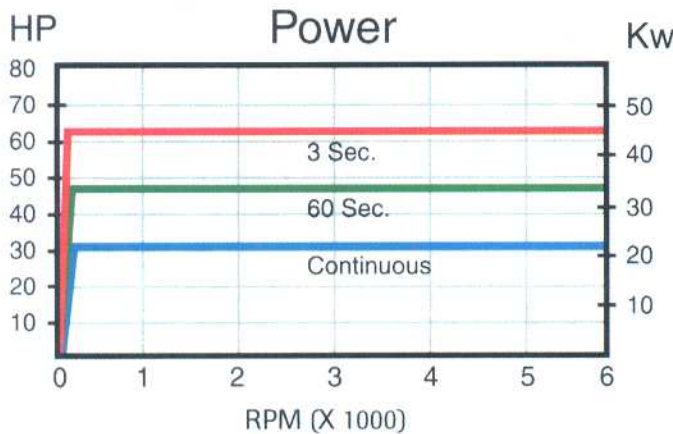
405-W



449Y-SW

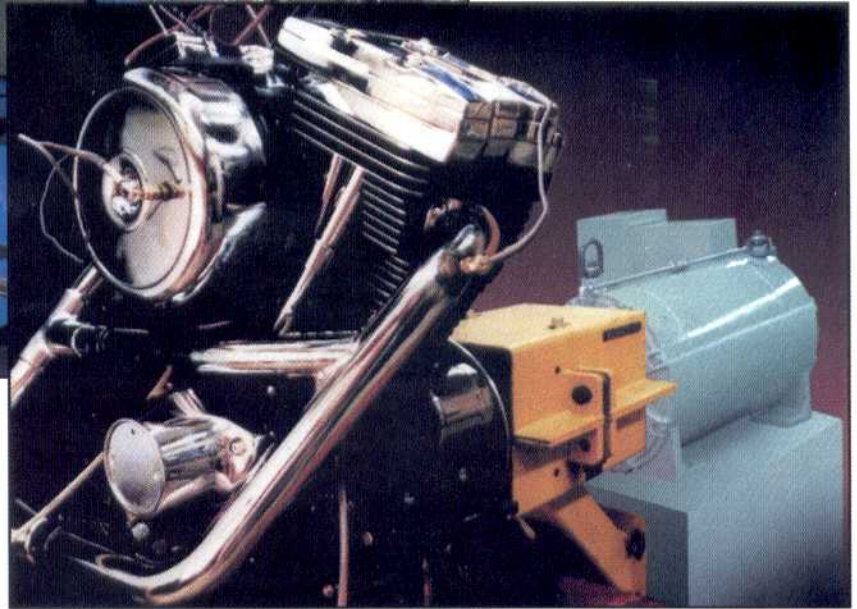
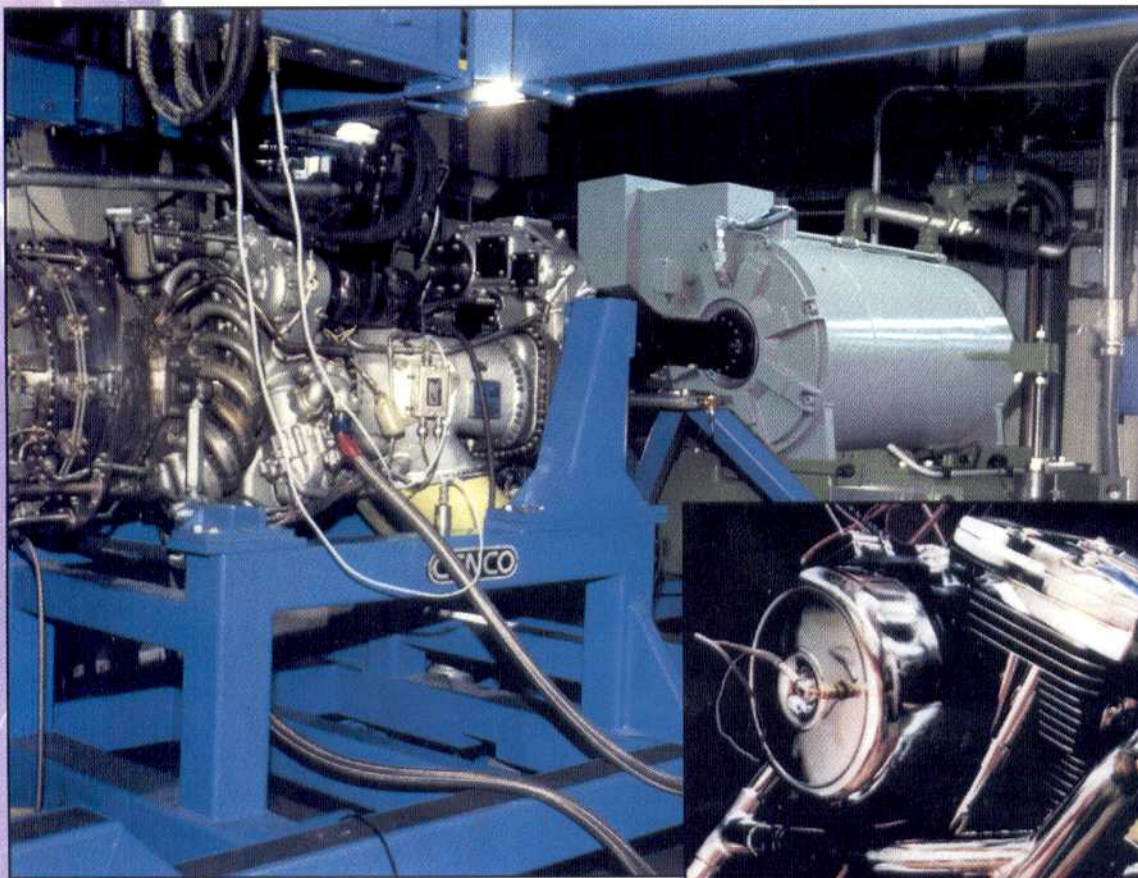


286Y-S



At Reuland Electric, we listen to your input, understand your needs, and build and deliver the optimal design that will meet your specific requirements for dynamic testing. Reuland Electric continually challenges our competition and ourselves in providing the quality and service that bring testing into the 21st century.

Call to learn more about our full line of power ratings, ranging from fractional horsepower through 1000 HP, compact designs, super-low inertia, low motor noise, up to 200% capacity for three seconds, and high speeds up to 20,000 rpm.



**Call to learn more about
our full line of power
ratings features:**

- A. Horsepower ratings from fractional through 1000 HP.
- B. Compact designs reducing space requirements.
- C. Super-low inertia for high acceleration rates.
- D. Low motor noise.
- E. Motor speeds up to 20,000 rpm @1000 HP and higher speeds at lower HP ratings.



REULAND ELECTRIC

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