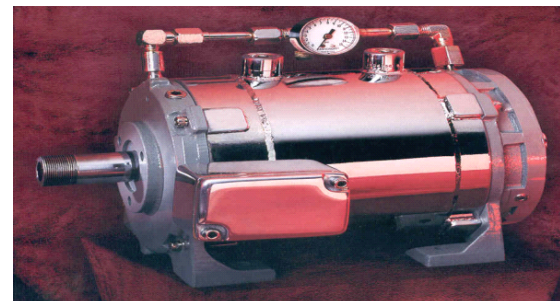


测试台电机

超高速、低惯量、大扭矩

考虑周全的配套系统

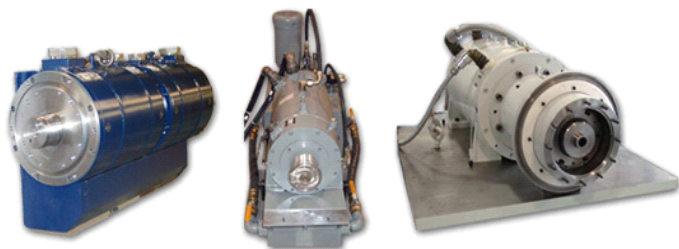


产品介绍

我们专业设计和制造高速运行能力的交流电机,我们电机经常应用于汽车和航空航天测试技术的所有样品,包括引擎发动机的燃烧模拟,惯性模拟和高速负载动态测试系统.我们的优势:

- 在高功率(High power density),我们最大可以做到超过1,500马力的功率
- 在异步高速电机,我们的速度最高可以超过50,000 rpm 的转速
- 我们可以优异地实现极低的惯量值.最低可以做到 $0.0097\text{Km}^2/\text{g}$
- 我们的电机可以设计即符合驱动能力和也可以作为负载的功能.
- 我们的测试台电机已经设计和安装了内部油冷却,它采用可以和任一方向成倾斜和旋转45度角的方式运行.

所有这些优势被证明对像汽车传动的部件测试是非常有好处的。



左边的图片是三种高功率密度电机的结构特性,客户建立测试台架需要提供一个水平放置的、匹配轴高的、地角连接的、坚固的并且低振动的安装平台。

我们高性能电机提供配套监控轴承温度、检测振动和润滑系统温度的传感器,这些传感器可以连接到 PLC 或者数据记录监测器,它们通过例如 Wago, Profibus 等类型的数据总线来计算和发送错误数据。

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REQUEST A QUOTE

REULAND ELECTRIC DEDICATED HIGH-SPEED MOTORS

Please click on the "Frame size" to get a dimension print & click the "power curve" to get a speed power curve print

FRAME & DIM PRINT	CONT DUTY MAX HP FROM BASE SPEED TO MAX SPEED	SPEED POWER CURVE	CONT DUTY MAX HP AT MAX SPEED	SPEED POWER CURVE	MAXIMUM CONT. TORQUE 0 TO BASE SPEED	MAXIMUM CONT. TORQUE 0 TO BASE SPEED	BASE SPEED	BASE SPEED	MAX SPEED	POLE	% OVERLOAD POWER UP TO BASE SPEED		HERTZ AT MAX SPEED	VOLTAGE	TORQUE RESPONSE mS	INERTIA KG-M*2
	OIL COOLED	OIL COOLED	WATER COOLED	WATER COOLED	OIL COOLED	WATER COOLED	OIL COOLED	WATER COOLED	WATER		3 SEC	60 SEC				
											OIL	OIL				
140S	75	Power Curve	25	Power Curve	35.80 LBS/FT	20.20 LBS/FT	11000	6500	29000	4	200%	150%	967	230/460/575	<5	0.0097
140ST	150	N/A	Consult Factory	Consult Factory	Consult Factory	Consult Factory	Consult Factory	N/A	29000	4	200%	150%	967	230/460/575	<5	Consult Factory
140L	86	Power Curve	30	Power Curve	46.80 LBS/FT	26.26 LBS/FT	9650	6000	26000	4	200%	150%	867	230/460/575	<5	0.0127
140LT	172	N/A	Consult Factory	Consult Factory	Consult Factory	Consult Factory	Consult Factory	N/A	26000	4	200%	150%	867	230/460/575	<5	Consult Factory
180S	110	Power Curve	35	Power Curve	70 LBS/FT	36.76 LBS/FT	8250	5000	22000	4	200%	150%	733	230/460/575	<5	0.0229
180ST	220	N/A	Consult Factory	Consult Factory	Consult Factory	Consult Factory	Consult Factory	N/A	22000	4	200%	150%	733	230/460/575	<5	Consult Factory
180L	135	Power Curve	42	Power Curve	105 LBS/FT	49.00 LBS/FT	6750	4500	20000	4	200%	150%	667	230/460/575	<5	0.0338
180LT	270	N/A	Consult Factory	Consult Factory	Consult Factory	Consult Factory	Consult Factory	N/A	20000	4	200%	150%	667	230/460/575	<5	Consult Factory
210S	160	Power Curve	50	Power Curve	143.60 LBS/FT	65.65 LBS/FT	5850	4000	19000	4	200%	150%	633	230/460/575	<5	0.0675
210ST	320	N/A	Consult Factory	Consult Factory	Consult Factory	Consult Factory	Consult Factory	N/A	19000	4	200%	150%	633	230/460/575	<5	Consult Factory
210L	196	Power Curve	65	Power Curve	214.50 LBS/FT	92.26 LBS/FT	4800	3700	18000	4	200%	150%	600	230/460/575	<5	0.0992
210LT	392	N/A	Consult Factory	Consult Factory	Consult Factory	Consult Factory	Consult Factory	N/A	18000	4	200%	150%	600	230/460/575	<5	Consult Factory
250S	200	Power Curve	70	Power Curve	233.33 LBS/FT	105.04 LBS/FT	4500	3500	17000	4	200%	150%	567	230/460/575	<5	0.1290
250ST	400	N/A	Consult Factory	Consult Factory	Consult Factory	Consult Factory	Consult Factory	N/A	17000	4	200%	150%	567	230/460/575	<5	Consult Factory
250L	245	Power Curve	90	Power Curve	347.70 LBS/FT	157.56 LBS/FT	3700	3000	15000	4	200%	150%	500	230/460/575	<5	0.1900
250LT	490	N/A	Consult Factory	Consult Factory	Consult Factory	Consult Factory	Consult Factory	N/A	15000	4	200%	150%	500	230/460/575	<5	Consult Factory
280S	250	Power Curve	100	Power Curve	364.70 LBS/FT	175.06 LBS/FT	3600	3000	16000	4	200%	150%	533	230/460/575	<5	0.2130
280ST	500	N/A	Consult Factory	Consult Factory	Consult Factory	Consult Factory	Consult Factory	N/A	16000	4	200%	150%	533	230/460/575	<5	Consult Factory
280L	306	Power Curve	135	Power Curve	544.70 LBS/FT	262.60 LBS/FT	2950	2700	14000	4	200%	150%	467	230/460/575	<5	0.3150
280LT	612	N/A	Consult Factory	Consult Factory	Consult Factory	Consult Factory	Consult Factory	N/A	14000	4	200%	150%	467	230/460/575	<5	Consult Factory
320S	315	Power Curve	150	Power Curve	612.70 LBS/FT	291.77 LBS/FT	2700	2700	13500	4	200%	150%	450	230/460/575	<5	0.4280
320L	375	Power Curve	195	Power Curve	856.30 LBS/FT	409.65 LBS/FT	2300	2500	12000	4	200%	150%	400	230/460/575	<5	0.5990
360S	400	Power Curve	200	Power Curve	913.40 LBS/FT	420.16 LBS/FT	2300	2500	12000	4	200%	150%	400	230/460/575	<5	0.8720
360L	480	Power Curve	262	Power Curve	1292.80 LBS/FT	598.27 LBS/FT	1950	2300	10000	4	200%	150%	333	230/460/575	<5	1.0900
400S	510	Power Curve	265	Power Curve	1373.60 LBS/FT	605.12 LBS/FT	1950	2300	10000	4	200%	150%	333	230/460/575	<5	1.5700
400L	605	Power Curve	340	Power Curve	1925.70 LBS/FT	850.32 LBS/FT	1650	2100	8000	4	200%	150%	267	230/460/575	<5	2.1800
440S	750	Power Curve	404	Power Curve	2188.30 LBS/FT	1125.42 LBS/FT	1800	2100	9000	4	200%	150%	300	230/460/575	<5	2.8770
440L	900	Power Curve	575	Power Curve	3049.50 LBS/FT	1598.42 LBS/FT	1550	1900	5500	4	200%	150%	183	230/460/575	<5	4.0520

*S = Short Frame
 *L = Long Frame
 *ST = Short Frame Tandem Configuration
 *LT = Long Frame Tandem Configuration
 *N/A = Consult Factory
 3 Phase
 Up to 600VAC
 50-C Ambient
 Higher speeds and higher power available. Consult factory. Special voltages available. Consult factory.

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