

直线电机模组规格索引

Linear motor actuator specification index

TPA-LNP系列

TPA-LNP Series

规格 Specifications	持续推力 Sustained thrust (N)	峰值推力 Peak thrust (N)	最大负载 Maximum load	行程 Stroke (mm)
TPA-LNP2-140-20C2	70	150	30	60~3960
TPA-LNP2-140-20C3	105	225	60	60~3960
TPA-LNP2-140-20C4	136	301	100	60~3960
TPA-LNP2-170-35C2	122	265	40	60~3960
TPA-LNP2-170-35C3	180	395	55	60~3960
TPA-LNP2-170-35C4	238	532	75	60~3960
TPA-LNP2-170-35C6	350	798	130	60~3960
TPA-LNP2-200-55C2	191	418	40	60~3960
TPA-LNP2-200-55C4	373	835	100	60~3960
TPA-LNP2-200-55C6	545	1253	180	60~3960
TPA-LNP-140D-P11	103	289	30	60~5760
TPA-LNP-140D-P12	205	579	60	60~5700
TPA-LNP-140D-P13	308	868	100	60~5580
TPA-LNP-200D-P21	181	512	60	60~5760
TPA-LNP-200D-P22	362	1023	120	60~5640
TPA-LNP-200D-P23	544	1535	180	60~5580
TPA-LNP-230D-P31	292	823	100	60~5700
TPA-LNP-230D-P32	583	1646	200	60~5700
TPA-LNP-230D-P33	875	2469	300	60~5580
TPA-LNP-270H-PKM1001	365	805	100	80~4320
TPA-LNP-270H-PKM1002	730	1610	260	80~5520
TPA-LNP-270H-PKM1004	1460	3220	350	80~5520

TPA-P系列

TPA-P Series

规格 Specifications	动子质量 Mover mass (kg)	定子单位质量 Unit mass of stator (kg/m)	动子与定子间吸力 Suction between rotor and stator (N)	电感 Inductance (mH)
TPA-P11	0.7	2.7	481	37.1
TPA-P12	1.4	2.7	963	18.5
TPA-P13	2.1	2.7	1444	12.4
TPA-P21	1.1	4.8	963	64.0
TPA-P22	2.2	4.8	1926	33.0
TPA-P23	3.3	4.8	2888	22.4
TPA-P31	1.9	8.5	1444	94.1
TPA-P32	3.8	8.5	2888	47.1
TPA-P33	5.7	8.5	4333	6.5

TPA-UH系列

TPA-UH Series

规格 Specifications	持续推力@线圈100°C Sustained thrust @ coil 100°C (N)	峰值力 Peak force (N)	电机常数 Motor constant (Nm/√W)	持续热功率 Continuous thermal power (w)
TPA-UH31 串联S Series connection	41.16	226.38	7.31	31.69
TPA-UH32 串联S Series connection	82.32	452.76	10.34	63.38
TPA-UH33 串联S Series connection	123.48	679.14	12.66	95.07
TPA-UH41 串联S Series connection	66.64	333.20	7.61	76.64
TPA-UH42 串联S Series connection	133.28	666.40	10.77	153.28
TPA-UH43 串联S Series connection	199.92	999.60	13.18	229.92
TPA-UH44 串联S Series connection	266.56	1332.80	15.22	306.56
TPA-UH45 串联S Series connection	333.20	1666.00	17.02	383.19
TPA-UH46 并联P2 Parallel connection	399.84	1999.20	18.65	459.83
TPA-UH51 串联S Series connection	140.40	912.60	17.46	64.67
TPA-UH52 串联S Series connection	280.80	1825.20	24.69	129.35
TPA-UH53 串联S Series connection	421.20	2737.80	30.24	194.02
TPA-UH54 串联S Series connection	561.60	3650.40	34.92	258.69
TPA-UH55 串联S Series connection	702	4563	39.04	323.36

TPA-M系列

TPA-M Series

规格 Specifications	连续转矩 Continuous torque (N.m)	连续电流 Continuous current (Arms)	电感 Inductance (mH) 25°C	最高转速 Maximum speed (rpm)	定位精度 Positioning accuracy (Arc sec)
TPA-M-040-038	0.13	0.63	1.5	500	-
TPA-M-062-060	0.40	0.63	2.2	200	±60
TPA-M-080-050	0.6	3.2	1	600	±50
TPA-M-080-067	1	1.7	2.5	300	±30
TPA-M-112-065	3	2.5	1.8	350	±30
TPA-M-112-085	3	2.5	1.8	350	±40
TPA-M-140-050	6	2.8	4.22	600	±30
TPA-M-140-080	10.5	2.5	8	350	±30
TPA-M-170-050	4.6	1.4	7.5	450	±30
TPA-M-170-095	20	2.5	17.4	190	±30
TPA-M-170-125	40	2.5	32.0	150	±30
TPA-M-170-155	60	2.5	56	120	±30
TPA-M-224-042	14.1	2.2	15.5	380	±30
TPA-M-224-062	35	2.2	46	200	±30
TPA-M-263-113	95	7.1	10.8	150	±25
TPA-M-263-138	150	7.1	13.9	200	±30
TPA-M-263-188	250	7.1	22.8	100	±30

HNR

HCR

HNB

HCB

HNT

XYZ

ONB

OCB

GCR

GCB

GCBS

GCRS

ESR

EMR

EHR

KSR

LNP

DDR

参考资料
Reference data