Product introduction

/ 产品介绍 /

■ 橡胶同步带的物理机械性能表
PHYSICAL ANDMECHANICAL PROPERTY OF SYNCHRONOUS BELT

项目 Item		梯形齿					圆形齿				
		XL	L	H	XH	XXH	3M	5M	8M	14M	20M
拉伸强度 N/mm.≥ Tension strength N/mm.≥		80	120	270	380	450	90	160	300	400	520
参考力伸长率 Elongation at break	参考力 N Reference tensile N	60	90	220	330	360	70	130	240	320	410
	伸长率 %,≤ Elongation %,≤	4.0									
带背硬度(邵尔 A 型) Belt back hardness		75±5									
包布粘合强度 N/mm,≥ Fabric bonding strength N/mm,≥		5	6.5	8	10	12	–	6	10	12	15
芯绳粘合强度,N,≥ Core rope bonding strength ,N,≥		200	380	600	800	1500	–	400	700	1200	1600
齿体剪切强度 N/mm,≥ Teeth shearing strength, N/mm,≥		50	60	70	75	90	–	50	60	80	100

带的保管、安装使用须知: Take safekeeping, installation, use guidelines:

1、同步带在运行中严禁曲折，否则会引起抗拉层折断，同步带允许弯曲的最小直径见表。

2、不得将带长期处于不正常的弯曲状态存放。

3、同步带应贮藏在干燥，避免阳光直射的地方。

4、安装时请缩短中心距，放松张紧轮，不得强行将带从带轮的档边上硬拉拖磨装入。

5、带轮的齿必须与带的运转方向成直角。

6、主动轮与被动轮的主轴的平行度应控制在正切 Tg=1/1000 左右。轴位不准，直接影响使用寿命。

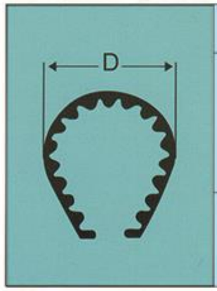
7、发现主动轮上皮带向一边偏位，应移动一下被动轮加以调整，并调整张紧轮的压力。

8、在启动时，中心距改变，皮带松弛，发生跳齿现象，就检查带轮机架是否松动，轴的定位有否失准。加以调整、加固。

9、同步轮安装必须按不同的型号和带宽适当的加以张紧力。

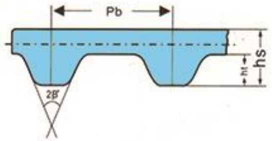
10、张紧轮要安装在带的传动松边一侧。

11、同步带运转时，严禁固体物质轧入齿槽。

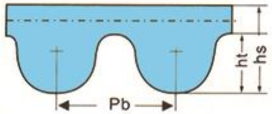


同步带类型 Timing belttype	节距代号 Pitch type	允许的最小弯同直径 D(mm) Min bendingdiameter allowable
梯型齿同步带 T type syuchronous belt	MXL,T2.5,XXL	15
	XL,T5,AT5	15
	L,T10,AT10	20
	H	40
	XH,T20,AT20	70
	XXH	100
圆弧齿同步带 Arc tooth syuchronous belt	S2M,S3M,3M,RPP3M	15
	S4,5M,S5M,5M,RPP5M	25
	S8M,8M,RPP8M	40
	S14M,14M,RPP14M	80

■ 橡胶同步带型号及断面尺寸
TYPE OF RUBBER SYNCHRONOUS BELT & THE DIMENSION OF SECTION



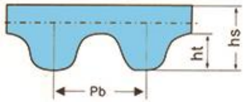
梯型齿
T-type tooth



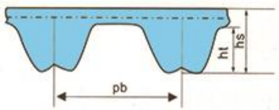
HTD圆弧齿
HTD arc tooth

梯形齿工业用橡胶同步带
T type tooth industrial rubber synchronous belt

齿形代号 Gear Code	型号 Type	节距pb Pitch	齿高ht Tooth height	带厚hs Belt thickness	角度2B° Angle
英制梯型齿 Inch system trapezoid tooth	MXL	2.032	0.51	1.14	40
	xXL	3.175	0.76	1.52	50
	XL	5.080	1.27	2.30	50
	L	9.525	1.91	3.60	40
	H	12.70	2.29	4.30	40
	XH	22.225	6.35	11.20	40
	XXH	31.750	9.53	15.70	40
公制梯型齿 Metric system trapezoid tooth	T2.5	2.5	0.7	1.30	40
	T5	5	1.20	2.20	40
	T10	10	2.50	4.50	40
	T20	20	5.00	8.00	40
	AT5	5	1.20	2.70	50
	AT10	10	2.50	5.00	50
	AT20	20	5.00	8.00	50



STPD/STS 圆弧齿
STPD/STS arc tooth



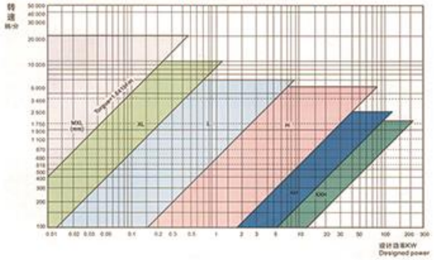
RPP/HPPD 圆弧齿
RPP/HPPD arc tooth

圆弧齿工业用橡胶同步带
Arc tooth industrial rubber synchronous belt

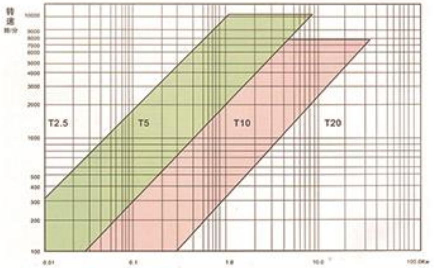
齿形代号 Gear Code	型号 Type	节距pb Pitch	齿高ht Tooth height	带厚hs Belt thickness
HTD	3M	3	1.17	2.4
	5M	5	2.06	3.8
	8M	8	3.36	6.00
	14M	14	6.02	10.00
	20M	20	8.4	13.20
STPD/STS	S2M	2	0.76	1.36
	S3M	3	1.14	1.9
	S4.5M	4.5	1.71	2.91
	S5M	5	1.91	3.4
	S8M	8	3.05	5.3
	S14M	14	5.3	10.2
RPP/HPPD	P2M	2	0.76	1.36
	P3M	3	1.15	1.9
	P5M	5	1.95	3.5
	P8M	8	3.2	5.5
	P14M	14	6.00	10

■ 橡胶同步带、轮选型图
SHAPE SELECTION GRAPH

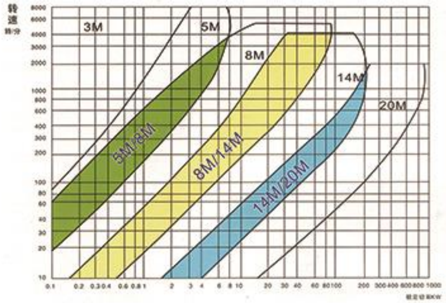
梯形齿同步带、轮选型图
Type industrial rubber synchronous belt
T Type tooth timing belt selected type chart



T 形齿同步带、轮选型图
Type industrial rubber synchronous belt & pulley



HTD（圆弧底）同步带、轮选型图
HTD type industrial rubber synchronous belt



■ 橡胶同步带代号表示方式
SPECIFICATION AND TYPE FOR TIMINGBELT

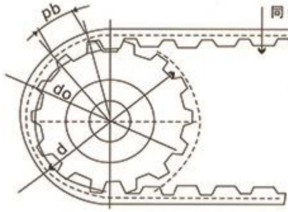
梯型齿同步带、轮选型图
T-T type industrial rubber synchronous belt & Pullety

例如：
EXAMPLE:
T10X 800 X 20
宽度为20mm
The width is 20mm
节线长度800mm
The length of pitch line is 800mm.
节距代号（型号）
The code name for the pitch

例如：
EXAMPLE:
宽度为30mm
The width is 30mm
节距代号（型号）
The code name for the pitch
节线长度1600mm
The length of the pitch line is 1600mm.

例如：
EXAMPLE:
480 H 100
宽度代号(宽度为1英寸)
The code name for width(The width is 1 inch.)
节距代号(型号)
The code name for the pitch
节线代号(节线长度为48英寸)
The code name for the length
(The length of the pitchline is 48 inches.)

■ 同步轮外径、节距示意图
DESIGN HORSEPOWER SYNCHRONOUS BELT

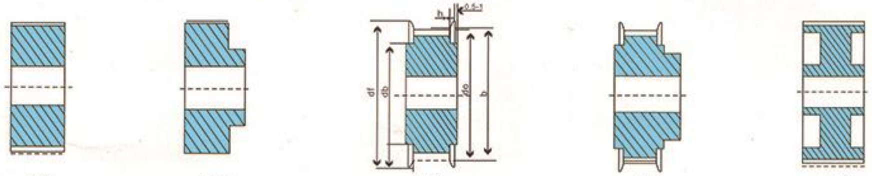


注：
Pb=同步带轮节圆同步带节线上测得相邻两齿的距离.
Pitch is the distance measured from the central line
Between tow adjacent teeth of pulleys and timing pulley.

d=同步带的节圆直径。
Pitch circle diameter of belt pulley.

do=同步轮实际外圆直径。
Extemal diameter of pulley

■ 同步轮基本形状结构图例
BASIC SHAPE OF AND STRUCRAL GRAPH



梯形齿同步轮表示方式
Representation of type pulley
例：Example
25 L 050 A F
表示使用档边
Show using gear
表示轮形代号
Pulley type code
使用带宽代号为0.5in(英寸)
使用型号
Used belt type
齿数
Pulley teeth number

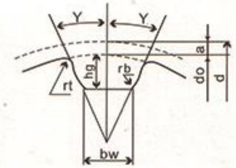
T 形齿同步轮表示方式
Representation of German type pulley
例：Example
20xT10x25 W S
表示无档边
Show gear
表示轮形代号
Pulley type code
使用带宽代号为25mm
使用型号
Used belt type
齿数
Pulley teeth number

HTD(高扭矩圆弧齿型)同步轮表示方式
HTD type representation of ARC pulley
例：Example
38-8M-50 B S
表示无档边
Show gear
表示轮形代号
Pulley type code
使用带宽代号为25mm
使用型号
Used belt type
齿数
Pulley teeth number

■ 同步带轮齿形尺寸表
STATEMENT OF THE TEETH SHAPE SIZE OF SYNCHRONOUS BELT

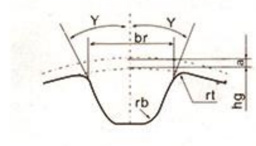
梯形直边齿同步轮齿形尺寸　　Dimension & Tolerance of linear type pulley

型号 Type	节距 Picth	bw	hg	Y ±1.5°	rb	rt
MXL	2.032	0.85±0.05	0.69	20	0.35	1.13
XL	5.080	1.32±0.05	1.65	25	0.41	0.64
L	9.525	3.05±0.10	2.67	20	1.19	1.17
H	12.70	4.19±0.13	3.05	20	1.60	1.6
XH	22.225	7.90±0.15	7.14	20	1.98	2.39
XXH	31.750	12.17±0.13	10.21	20	3.96	3.18



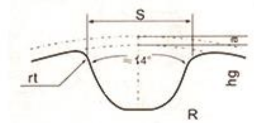
T 形齿同步带轮齿形尺寸　　Ension of T type pulley

型号 Type	型号 Pb	形状 Type SE br		形状 Type N br		形状 Type SE bg		形状 Type N hg	Y ± 1.5°	rt	rb	
T2.5	2.5	1.75	+0.050	1.83	+0.050	0.75	+0.050	1	25	0.2	0.3	+0.050
T5	5.0	2.96	+0.050	3.32	+0.050	1.25	+0.050	1.95	25	0.4	0.6	+0.050
T10	10.0	6.02	+0.10	6.57	+0.10	2.6	+0.10	3.4	25	0.6	0.8	+0.10
T20	20.0	11.65	+0.150	12.6	+0.150	5.2	+0.130	6	25	0.8	1.2	+0.10



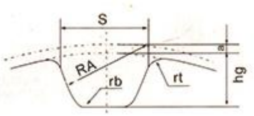
HTD 同步带轮齿形尺寸　　Dimension of GTD type pulley

型号 Type	节距 Pb	齿高 Hg	侧圆半径 R	齿槽宽 S	齿底角半径 rt	齿形角
3M	3	1.28	0.91	1.90	0.3	≈14°
5M	5	2.16	1.56	3.25	0.48	≈14°
8M	8	3.54	2.57	5.35	0.8	≈14°
14M	14	6.20	4.65	9.80	1.4	≈14°



STPD/STS 型带轮齿形尺寸　Dimension of Stype pulley

型号 Type	节距 Pb	齿高 Hg	侧圆半径 R	齿槽宽 S	齿底角 rb	齿顶角 rt
S2M	2	0.76	1.325	1.30	0.1	0.19
S3M	3	1.11	1.975	1.95	0.15	0.28
S4.5M	4.5	1.59	2.98	2.93	0.22	0.48
S5M	5	1.77	3.275	3.25	0.25	0.55
S8M	8	2.83	6.30	5.20	0.4	0.9
S14M	14	4.95	9.28	9.10	0.7	1.6



■ 同步轮外径、节距示意图
DESIGN HORSEPOWER SYNCHRONOUS BELT

带轮节距公差
Pitch tolerance

外径 Outside diameter	允许偏差 Allowable deviation 任意两相邻齿间 Between two random neighbor teeth	允许偏差 Allowable deviation 90° 弧内累积 Allowable tolerance with in 90° Arc
≤25.40	0.03	0.05
>25.40-50.80	0.03	0.08
>50.80-101.60	0.03	0.10
>101.60-177.80	0.03	0.13
>177.80-304.80	0.03	0.15
>304.80-508.00	0.03	0.18
>508.00	0.03	0.20

同步轮外径公差
Tolerance of outside diameter of pulley

轮带外径 Outside diameter	公差 Tolerance
<25.40	+0.050
>25.40-50.80	+0.080
>50.80-101.60	+0.100
>101.60-177.80	+0.130
>177.80-304.80	+0.150
>304.80-508.00	+0.180
>508.00	+0.200

■ 钢丝同步带
WIRE SYNCHRONOUS BELT

聚氨酯同步带是以高强度延伸的化纤绳或镀铜钢丝绳为骨架，聚氨酯胶包裹，带的工作面制成齿状（有单面齿形、双面齿形）与齿形带轮啮合传动。是综合带传动和链传动优点的新型传动带。我厂根据各种用途机器结构，有以模数制、周节制合特殊节距制三种。按用户意图生产各种系列规格（包括承接同步齿形带模具和带轮加工）。

Polyurethane synchronous belt with high strength and extension of chemical fiber rope or copper coated wire rope as skeleton, polyurethane rubber package, with the face made dentate (a single tooth profile, double-sided tooth) and cog belt gear transmission. Is integrated the advantages of belt drive and chain drive new type transmission belt. Our factory according to various USES machine structure, with a modular system, or special pitch system three weeks moderation. According to the user intent series production of various specifications (including receiving synchronous cog belt mold processing) and pulleys.

■ 规格型号表示法
SPECIFICATIONS NOTATION

1、MXL、XL、L、H、XH、XXH 型带的规格、型号、尺寸按通通用的称呼表示、均为公制毫米表示。

1, MXL, XL, L, H type, XH, XXH with specification, type and size According to the generic call said, are all metric mm said.

例：

A

T10 x 1350 x 50

- T10：型号节距 model(pitch) (mm)
- 1350：节线长 length of joint line (mm)
- 50：带宽度 width of belt (mm)

B

1400 - 8M - 30

- 1400：节线长 length of joint line (mm)
- 8M：节距 pitch (mm)
- 30：带宽度 width of belt (mm)

2、除上述二种型号外、其余规格、型号、尺寸均按 ISO 标准表示，均为英制（英寸）。
2, in addition to the above two models, the rest of the specification, type and size are according to ISO standards, said are all English (inches).

例：150 XL 037

- 150 ↕ 节线长 15 英寸（折合公制为 381mm） lenght of joint line 15 ′（381mm）
- XL ↕ 型号（节距 5.08mm） Model(pitch5.08mm)
- 037 ↕ 带宽（3/8 折合公制为 9.5mm） Width of belt(3/8convert into metric 9.5mm)

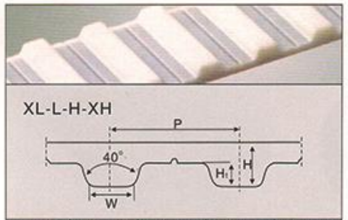
■ 主要技术条件
THE MAIN TECHNICAL CONDITIONS

传动带骨架层技术条件

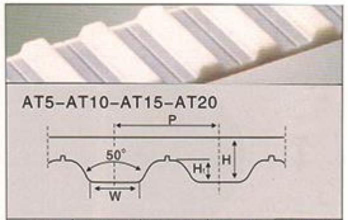
规格 \ 名称	钢丝绳			化纤绳	
直　径	0.32	0.60	0.90	0.50	1.20
整根强力kg/根	>15	>35	>80	>80	
折断伸长率（%）	<4%	<4%	<4%	<4%	

■ 开口同步带常用型号
SYNCHRONOUS BELT COMMONLY USED MODELS

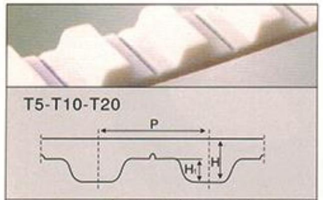
PU 同步带常用型号



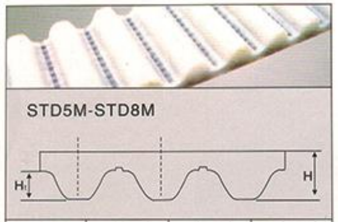
型号	P(mm)	H(mm)	Ht(mm)	W(mm)
XL	5.08	2.3	1.27	1.37
L	9.525	3.70	1.9	3.2
H	12.7	4.3	2.29	4.4
XH	22.225	11.2	6.35	7.94



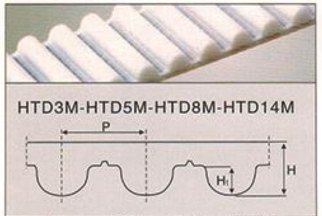
型号	P(mm)	H(mm)	Ht(mm)	W(mm)
AT5	5	2.7	1.2	2.5
AT10	10	4.8	2.5	5.0
AT15	15	6.5	4.0	4.4
AT20	20	8.0	4.9	7.94



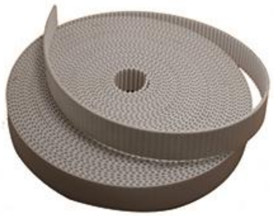
型号	P(mm)	H(mm)	Ht(mm)
T2.5	2.5	1.4	0.65
T5	5	2.6	1.2
T10	10	4.7	2.5
T20	20	8.0	5.0



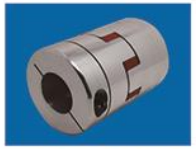
型号	P(mm)	H(mm)	Ht(mm)
STD5M	5	3.4	1.91
STD8M	8	5.1	3.05
STD14M	14	10.2	5.3

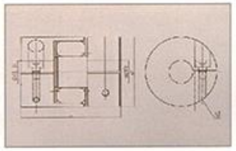


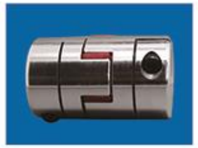
型号	P(mm)	H(mm)	Ht(mm)
HTD3M	3	2.2	1.13
HTD5M	5	3.7	2.2
HTD8M	8	5.8	3.4
HTD14M	14	10.0	6.43



■ FBL、FRL 系列
FEATURES OF FRL SERIES







FBL 系列连接轴特点 Features of FRL series flexible coupling

1、中间弹性体连接
2、顺时针和逆时针回转特性完全相同
3、超强的弹性扭距可吸收震动、补偿径向和角向偏差
4、抗油及电器绝缘
5、适用于小空间、不同扭距

1, intermediate elastomer connection
2, clockwise and anticlockwise rotation characteristics are exactly the same
3, super elastic torque can absorb vibration, radial and angular deviation compensation
4, oil resistance and electrical insulation
5, suitable for small space, different distance

FBL 系列说明 Instructions

FBL 系列弹性连接轴，采用沉头螺栓拧紧的力量来狭缝收紧，而将轴心紧紧夹持住。

固定和拆卸方便，而且不会造成轴心的损坏。(特殊孔径和键槽均可按需求加工)

FBL series elastic connecting shaft, the use of countersunk head bolt tightening force to slit tightened, and the pivot holding it tightly.

Axis of fixed and disassemble, and won't cause damage. (special aperture and keyway are on-demand

FBL 系列轴套材料为：铝合金　　中间料为：聚氨酯

FBL series sleeve material is: among aluminium　　Alloy material: pu

项目类型 Item type	d1 Bore	d2 Bore	D	L	L1	M	额定扭距 Reted Torque (N.M)	额大扭距 Max Torque	转角偏角 Shaft angel	最大转速 Max Rotational (rpm)	运转 Rated
FBL	4-8	4-8	20	30	4	M3	4N.M	9N.M	≤1°	20000 转	
	5-12	5-12	25	31	5	M3	6N.M	10N.M	≤1°	7000 转	同
	5-15	5-15	30	42	5.5	M4	8N.M	12N.M	≤1°	6000 转	步
	8-22	8-22	40	66	10	M5	10N.M	20N.M	≤1°	9000 转	运
	12-24	12-24	55	78	11	M6	15N.M	30N.M	≤1°	7600 转	转
	15-28	15-28	65	90	14	M8	20N.M	36N.M	≤1°	4500 转	
	18-45	18-40	80	114	16	M10	26N.M	52N.M	≤1°	4200 转	

可根据客户要求加工订制 Can be produced client's request

FBL-L34D25-10*10
连接轴总长
连接轴最大外径
用户端孔径
用户端孔径

还有一种型号是 FRL 的梅花顶丝的连轴，中间弹性体不变，只是两边的紧固方式不同，D 不变，总长可以相对来说比 FBL 的总长短一点。

Still have a kind of model is FRL plum top wire connecting shaft, intermediate elastomer is constant, only the fastening on both sides of the way different, D unchanged, chief can relatively than the total length of FBL.

■ 系列平行轴减速器
SYNCHRONOUS BELT COMMONLY USED MODELS

额定 RATINGS

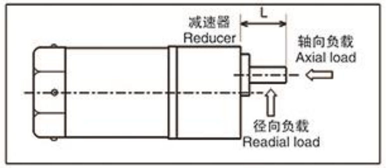
在保持正常温度下，电机能够安全运行的限度称为额定。例如额定电压、额定频率、额定转速、额定转矩等。

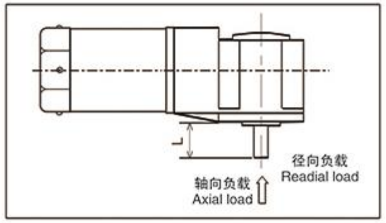
额定输出：电机在额定电压和额定频率下，连续稳定输出的额定转速、额定转矩

额定时间：额定输出下可连续运转的时间称为额定时间

连续额定：在额定输出下，可连续使用时称为连续额定

UNDER NORMAL TEMPERATURE IN KEEPING THE SAFE OPERATION OF THE MOTOR CAN LIMIT CALLED RATED. SUCH AS RATED VOLTAGE, RATED FREQUENCY, RATED SPEED AND RATED TORQUE, ETC.
RATED OUTPUT: MOTOR UNDER RATED VOLTAGE AND RATED FREQUENCY, CONTINUOUS STABLE OUTPUT RATED SPEED AND RATED TORQUE
UNDER THE RATED TIME: RATED OUTPUT RATED TIME IS CALLED TIME CAN RUN CONTINUOUSLY
CONTINUOUS RATED: UNDER THE RATED OUTPUT, CAN BE CONTINUOUS USE IS CALLED CONTINUOUS RATED





转矩 TORQUE

额定转矩：电机在额定电压和额定转率下，可连续输出的转矩

起动转矩：电机起动时间产生的转矩

最大转矩：电机在一定电压、一定频率下可能输出的最大转矩

容许转矩 MAXIMUM ALLOWABLE TORQUE

减速电机运转时所能使用的最大转矩。该转矩受电机的额定转矩、温升以及组合的减速箱强度所限制。

径向负载：输出轴在径向承受的载荷

轴向负载：输出轴在轴向承受的载荷

	型号 Model	减速比 Reduction	容许径向负载(N) Allowable radial load L=25mm	L=15mm	容许轴向负载(N) Allowable axial load
	2GN-□K	3~12.5	50	80	30
		15~300	120	180	
	3GN-□K	3~12.5	80	120	40
		15~300	150	250	
	4GN-□K	3~18	100	150	50
		20~300	200	300	
5	5GN-□K	3~10	130	200	100
		12.5~600	250	350	
	5GU-□K	3~10	400	500	150
		12.5~300	500	700	
	5GH-□K	50~250	700	900	200
		300~600	1000	1200	
6	6GU-□K	3~15	700	1000	250
		18~300	1000	1500	
	6GH-□K	50~250	1500	1700	300
		300~600	1700	2000	
7	7GH-□K	3~20	700	1000	400
		25~75	1000	1500	
		120~300	1500	1700	

转速 SPEED

空载转速：电机在无负载时的转速

额定转速：电机在额定工况下的转速

同步转速：电机的固定特性参数，与电机的级数、频率有关

$$NS=120F/P$$

NS：Synchronous speed 同步速度(r/min)
f：frequency 频率(Hz)
P：Poles of the motor 电机级数

■ 选型计算
CALCULATION FOR SELECTION

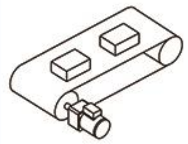
简要说明 DESCRIPTION

在电机和减速器的选型中，首先要确认负载的工作状况，并在此基础上对负载进行计算，如所需的扭矩、运行速度等，从而确定所配套电机、减速器型号，进而根据安装要求，确定电机。减速箱的结构形式。

IN THE SELECTION OF MOTOR AND REDUCER, WANT TO MAKE SURE THE LOAD WORKING CONDITIONS, AND A CALCULATION IS MADE ON THE BASIS OF THE LOAD, SUCH AS THE REQUIRED TORQUE, SPEED, ETC., TO DETERMINE THE FORM A COMPLETE SET OF MOTOR, REDUCER MODEL, THEN ACCORDING TO THE INSTALLATION REQUIREMENTS, DETERMINE THE MOTOR. THE STRUCTURE OF REDUCER.

负载功率计算 CALCUATION FOR LOAD POWER

■ 皮带输送的负载计算
Load calaculation of conve-yance bel



$$P_z=(P_1+P_2+P_3)\ \frac{100}{\eta}\ (w)$$

$$P_1=9.8\mu WVL\ (w)$$

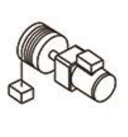
$$P_2=\frac{\mu QL}{367}\ (w)$$

$$P_3=\pm\frac{QH}{367}\ (w)$$

P_z : Load power 总负载功率
P_1 : No-load power of the conveyance belt 输送带空载功率
P_2 : Horizontal working of the load on the conveyance belt 输送带上负载的水平做功

L : Length of the belt 输送带长度(m)
W: Specific weight of the conveyance belt 输送带比重(kgf/m)
μ: Friction coeffcient 摩擦系数
V: Velocity of the conveyance belt 输送带速度(m/s)
Q: Capacity of conveyance 输送能力(kgf/h)
η: Efficiency 效率(%)
H: Height difference between both ends of the belt 输送带两端的高度差(m)

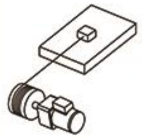
■ 缠绕升降 Winding up/Lifting up the load



$$P_z=\frac{WV}{6.12}\times\frac{100}{\eta}\ (w)$$

P_z : Load power 总负载功率
W : Weight of load 负载重量(kgf)
V : Speed 升降速度(m/min)
η : Efficiency 效率(%)

■ 水平牵引 Traveling on flat surface



$$P_z=\frac{\mu WV}{6.12}\ (w)$$

P_z : Load power 总负载功率
W : Weight of load 负载重量(kgf)
V : Speed 运行速度(m/minf)
μ : Friction coeffciency 摩擦系数

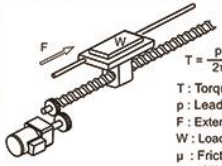
■ 回转轮驱动 Driving flywheel load

$$P_z=1.027\ nT\ (w)$$

$$T\approx\frac{GD^2}{375}\times\frac{n}{t}\ (kgf.m)$$

P_z : Load power 总负载功率
T : Torque 转矩(kgf・m)
n : Speed 转速(r/min)
GD^2 : Flywheel effect 回转体转动惯量(kgf・m²)

■ 驱动滚珠丝杆 Driving ball screw



$$T=\frac{p}{2\pi}(F+\mu W)\ (kgf.m)$$

T : Torque 转矩(kgf・m)
p : Lead 导程(m)
F : External force 外力(kgf)
W : Load 负载重量(kgf)
μ : Friction coefficient 摩擦系数 [0.05~0.2]

减速器传动效率 TRANSMISSION EFFICIENCY OF THE GEAR REDUCERS

型号 Type	3	3.6	5	6	7.5	9	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180	200	250	300
2GN/3GN/4GN	82%										75%							66%								
5GU/6GU/7GU	81%							75%			66%							59%								

■ 系利平行轴减速器
SYNCHRONOUS BELT COMMONLY USED MODELS

G1–	5	GU –	50	K	C –	15 –	(A)
1	2	3	4	5	6	7	8

1	机型系利代号 Type code	G1:G1 系列平行轴减速器 G1 type parallel shaft redtucer ※: Normally,G1 isn'tmarked 一般不标
2	外形尺寸 Frame size	2: 60mm 3: 70mm 4: 80mm 5: 90mm 6: 104mm 7: 122mm
3	所配齿轴类别 Gear shaft	GN: 普通型 General GU: 加强型 Reinforced GH: 重载型 Heavy GM: Middle 1:10 中间箱
4	减速比 Reduction ratio	50: 1:50 X: 1: X
5	轴承类型 Bearing type	K: 滚珠轴承 Ball bearing
6	箱体结构类型 Box type	C: 普通箱型 Common T: 薄型箱 Thin type F: 凸缘型箱 Flange H: 重型箱 Heavy
7	输出轴直径 Output shaft DIA	8: Φ8mm 10: Φ10mm 12: Φ12mm 15: Φ15mm 18: Φ18mm 22: Φ22mm
8	颜色 Color	A: 金灰色 Golden grey B: 黑蓝色 Dark bule

■ 微小型交流电机型号描述
DESCRIPTION OF AC MOTOR MODEL

5	I	K	60	R –	C2	F –	A1	–12	–T	–X	–2	(A)
1	2	3	4	5	6	7	8	9	10	11	12	13

1	外形尺寸 Frame size	2: 60mm 3: 70mm 4: 80mm 5: 90mm 6: 104mm 7: 122mm
2	电机类型 Motor Type	I: 感应式 Induction R: 可逆式 Reversible T: 转矩式 Torque S: 短时工作制 Short-time
3	电机系列 Motor series	K: 系列 K series
4	额定功率 Rated power	6: 6W 15: 15W 25: 25W 40: 40W 60: 60W 250: 250W X: XW
5	调速电机代号 Variable code	R: 调速电机 Variable speed motor W: 非调速电机 No Variable speed motor
6	额定电压 Rated voltage	C1: 单相 110v 1-Phase C2: 单相 220v 1-Phase S3: 三相 220v 3-Phase S3: 三相 380v 3-Phase C2: 三相 440v 3-Phase S2/3: 三相 220v/380v 3-Phase
7	风扇代号 Code of fan	F: 普通风扇 Common S: 强制风扇 Forced ※No mark means motor without fan 无风扇不标
8	电机轴类别 Shaft type	GN: 普通型 General GU: 加强型 Reinforced GH: 重载型 Heavy AO: 圆轴 Roundshaft A1: 键槽型 Keyway A2: 扁轴型 Flat shaft RV: RV 专用 For Rv CB: 离合器专用 For Clutch
9	电机轴直径 Motor shaft DIM	8: Φ8mm 10: Φ10mm 12: Φ12mm X: ΦXmm ※ Gear shaft isn't marked 齿轴不标示
11	辅件 Accessorier	T: 接线盒型 Terminal type M: 电磁刹车 Electromagnertic brake P: 温控开关 Thermally E: 电磁离合器 Electromagnertic clutch and brake
12	电机筒形状 Motor pipe form	X: 圆形短筋 Circular & short ribs X: 圆形无筋 Circular & no ribs Z: 方形高筋 Square & tall ribs
13	电机级数 Motor pole	2: 2 pole 4: 4 pole 6: 6 pole Remark: 4 级电机不标 4-pole motor isn't marked
14	颜色 Color	A: 金灰色 Golden grey B: 黑蓝色 Dark bule

■ 聚氨酯多楔带
PU RIBBED BELT

它是以高强度低延伸的化纤绳为骨架，上下面覆盖着耐磨的聚氨酯胶。根据不同用户的要求，可以做成不同槽距、角度、内周长的多楔带。由于楔形工作面多，承载能力大，可以避免其它三角带长短不等的缺点。而且，多楔带具有传动平稳、线速度大、结构紧凑等优点。目前主要用于高速外圆磨床等机器、木工电刨等电动工具的传动。

多楔带的标记内容和顺序为楔数、型号、带长。其中带长为有效长度。

IT WAS BASED ON THE HIGH STRENGTH LOW STRETCH OF POLYESTER CORD OF THE SKELETON, COVERING ON THE WEAR RESISTANCE OF POLYURETHANE RUBBER. ACCORDING TO THE REQUIREMENTS OF DIFFERENT USERS, CAN MAKE DIFFERENT SLOT PITCH, ANGLE, INSIDE THE PERIMETER OF THE WEDGE. BECAUSE THE WEDGE FACE MORE, CARRYING CAPACITY IS BIG, CAN AVOID OTHER TRIANGLE LENGTH OF FAULTS. AND WEDGE ZONE HAS MORE STABLE TRANSMISSION, LARGE LINEAR VELOCITY, COMPACT STRUCTURE, ETC. AT PRESENT IT IS MAINLY USED FOR HIGH-SPEED CYLINDRICAL GRINDING MACHINE SUCH AS MACHINE, WOODWORKING PLANER, AND OTHER ELECTRIC TOOLS OF THE TRANSMISSION.
WEDGE WITH THE MARKER FOR WEDGE CONTENT AND SEQUENCE NUMBER, TYPE, TAKE LONG. TAKE LONG FOR THE EFFECTIVE LENGTH.

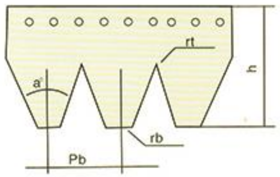
10 PJ 1016

楔数 Wedge No. — 10
型号 Type — PJ
节线长度 Length (mm) — 1016

节线长度是指，多楔带在测长时得到的两倍的测量轮中心距与一个测量轮的有效圆周之和。

价格：节线长度 x 楔数 x 单价
Price=Unit price xRibbed(NO.)xLenth(m)

多楔带的截面图



多楔带的截面尺寸 Dimension of ribbed belt

型号	楔角 a°0 .5	楔距 pb	带高 h	rb min	rt max
H	40°	1.6	3	0.3	0.15
K	40°	2.0	3.5	0.3	0.15
J	40°	2.4	4	0.4	0.2
L	40°	4.8	10	0.4	0.4
M	40°	9.4	17	0.75	0.75