



同步带轮

应用领域：适用于同步传动装置系统各个领域

特 点：确保与皮带的配合，以提高传动的精度与使用寿命。

根据用户的需要，定制最佳的传动方案
按材料可分45号钢、铝合金、不锈钢、铸铁、尼龙等

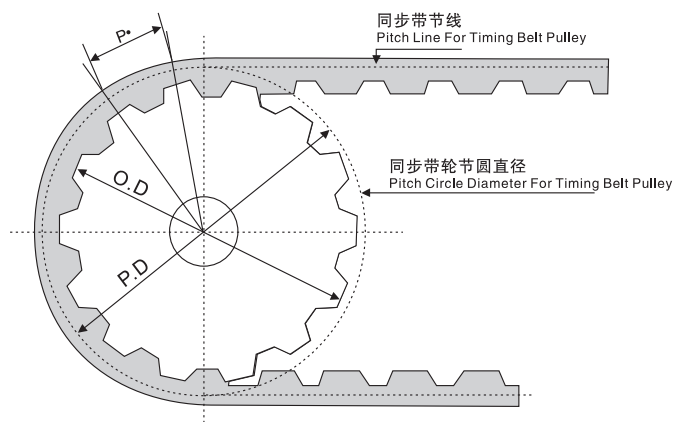
Synchronous pulley

Application area: apply to each field of synchronous driven device system.

Features: ensure coordination with the belt, to enhance accuracy and lifetime of the driven.

According to customer requirement, customization optimum driven solution can divided into 45# steel, aluminium alloy, stainless steel, cast iron, nylon, etc, according to the material.

同步带轮直径示意图



同步带轮基本结构型号

Type of Basic Structure of Synchronous Pulley

Pb=节距是在带轮或同步带中心节线上测得相邻两个齿的距离
Pb=Pitch is the distance between the axes of two adjacent teeth irrespective of whether these teeth are on the pulley or the belt provided that measurement is taken on the circumference of pitch line

Z=带轮齿数 Number of pulley teeth

P.D.=带轮的节圆直径, 可以从以下公式推得出 $P.D. = \frac{Pb \times Z}{\pi}$

The diameter of the pulley pitch is obtained from formula

O.D.=带轮实际外圆直径 External diameter of pulley $O.D. = P.D. - 2K$

Dm=带轮台肩直径 Hubs diameter

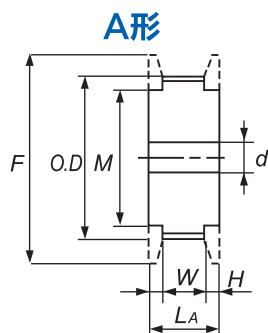
d=带轮内孔直径 Bore diameter

w=带轮齿部宽度 Tooth width

L=带轮总宽度 (包括台肩长度) Total length incl hubs

同步带轮材料: 钢、铸件、铝合金

Synchronous pulley materials: steel, cast piece, aluminium alloy



梯形齿同步带轮表示方法

Representation of T type pulley
例如: (For example)

25-L-25.4 BF-50

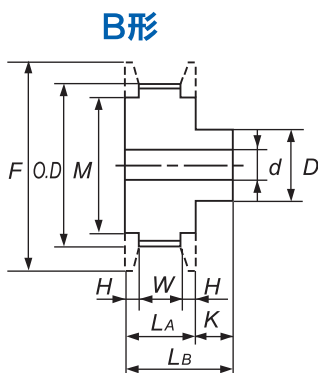
轮的总宽度 50mm width

轮型代号 Pulley type code

使用带宽为25.4mm width

使用带型号 Used belt type

带轮齿数 Pulley teeth number



圆弧齿同步带轮表示方法

Representation of ARC tooth type pulley
例如: (For example)

30-8M-30 BS-50

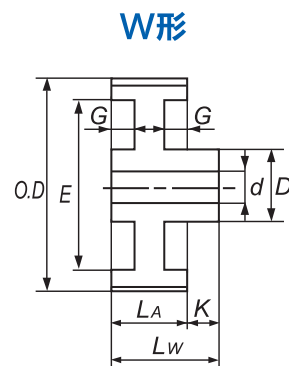
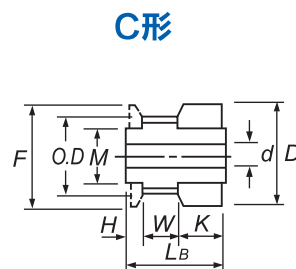
轮的总宽度 50mm width

轮型代号 Pulley type code

使用带宽为30mm width

使用带型号 Used belt type

带轮齿数 Pulley teeth number



西德T形齿同步带轮表示方法

Representation of German T type pulley
例如: (For example)

20-T10-25 WF-50

轮的总宽度 50mm width

轮型代号 Pulley type code

使用带宽为25mm width

使用带型号 Used belt type

带轮齿数 Pulley teeth number

同步带轮节距公差 (单位: mm)

Pitch tolerance(mm)

外 径 outside diameter pitch	允许偏差 Tolerance	
	任意两相邻齿间 Any two adjacent teeth	90° arc弧内约允差
≤25.40	0.03	0.05
> 25.40 ~ 50.80	0.03	0.08
> 50.80 ~ 101.60	0.03	0.10
> 101.60 ~ 117.80	0.03	0.13
> 117.80 ~ 304.80	0.03	0.15
> 304.80 ~ 508.00	0.03	0.18
> 508.00	0.03	0.20

同步带轮外径公差 (单位: mm)

Tolerance of outside diameter of pulley (mm)

带轮外径 outside diameter	公 差 Tolerance
< 25.40	+0.05 0
> 25.40 ~ 50.80	+0.08 0
> 50.80 ~ 101.60	+0.10 0
> 101.60 ~ 117.80	+0.13 0
> 117.80 ~ 304.80	+0.15 0
> 304.80 ~ 508.00	+0.18 0

同步带轮端面允许跳动量 (单位: mm)

Allowable bounce of pulley end

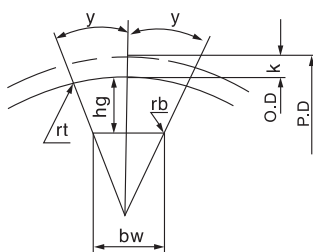
带轮外径 outside diameter	允许跳动量 Allowable bounce
≤101.60	0.10
> 101.60 ~ 254.00	带轮外径 × 0.001
> 254.00	0.25+[(带轮外径 - 254.00) × 0.005]

同步带轮径向允许跳动量 (单位: mm)

Allowable bounce of pulley pulley warp direction

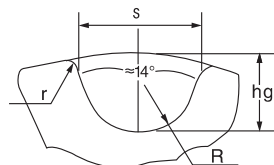
带轮外径 outside diameter	允许跳动量 Allowable bounce
≤203.20	0.13
> 203.20	0.13+[(带轮外径 - 203.20) × 0.005]

带轮直边齿形尺寸和公差(单位: mm)



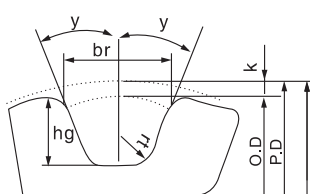
节线代号 Type	bw	hg	y+1.5°	rb	rt	2k
MXL	0.84 ± 0.05	0.69	20	0.35	0.13	0.508
XXL	1.14 ± 0.05	0.84	25	0.35	0.30	0.508
XL	1.32 ± 0.05	1.65	25	0.41	0.64	0.508
L	3.05 ± 0.10	2.67	20	1.19	1.17	0.762
H	4.19 ± 0.13	3.05	20	1.60	1.6	1.372
XH	7.90 ± 0.15	7.14	20	1.98	2.39	2.794
XXH	12.17 ± 0.18	10.31	20	3.96	3.18	3.048

HTD同步带轮齿形尺寸(单位: mm)



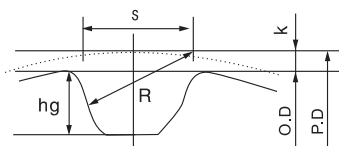
节距型号 Type	节距 Pitch	齿高hg Tooth height	底圆半径R Root circle radius	齿槽宽S Groove width	齿顶圆半径R Top circle radius	齿形角 angle
3M	3	1.28	0.91	1.90	0.3	≈ 14°
5M	5	2.16	1.56	3.25	0.48	≈ 14°
8M	5	3.54	2.57	5.35	0.8	≈ 14°
14M	14	6.20	4.65	9.80	1.4	≈ 14°

T型同步带轮齿形尺寸(单位: mm)



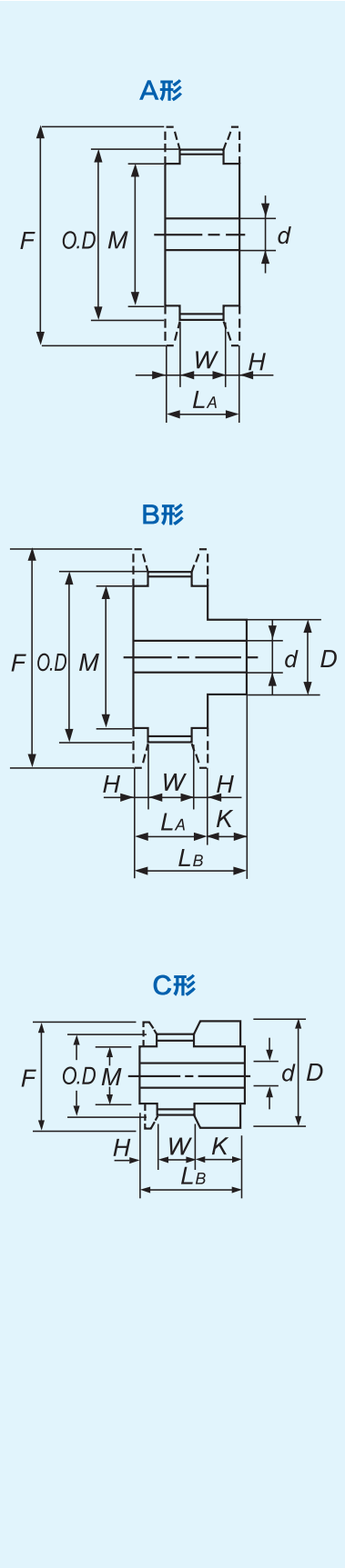
齿距代号 Type	形状 Shape		形状 Shape		y Grade	rt	rb	2k
	SE br ≤ 20齿	N br > 20齿	SE hg ≤ 20齿	N hg > 20齿				
	上下偏差 Tolerance	上下偏差 Tolerance	上下偏差 Tolerance	上下偏差 Tolerance	± 1.5°	max	上下偏差 Tolerance	
T2.5	1.75 +0.05 0	1.83 +0.05 0	0.75 +0.05 0	1 +0.05 0	25	0.2	0.3 +0.05 0	0.6
T5	2.96 +0.05 0	3.32 +0.05 0	1.25 +0.05 0	1.95 +0.05 0	25	0.4	0.6 +0.05 0	0.85
T10	6.02 +0.1 0	6.57 +0.1 0	2.6 +0.1 0	3.4 +0.1 0	25	0.6	0.8 +0.1 0	1.85
T20	11.65 +0.15 0	12.6 +0.15 0	5.2 +0.13 0	6 +0.13 0	25	0.8	1.2 +0.1 0	2.83

STPD/STD 型同步带轮齿形尺寸(单位: mm)



节距型号 Type	节距 Pitch	齿高hg Tooth height	底圆半径R Root circle radius	齿槽宽S Groove width	2k
S2M	2	0.76	1.325	1.30	0.508
S3M	3	1.11	1.975	1.95	0.762
S4.5M	4.5	1.59	2.98	2.93	0.762
S5	5	1.89	3.275	3.25	0.96
S8M	8	2.83	5.30	5.20	1.372
S14M	14	4.95	9.28	9.10	2.794

标准带轮形状



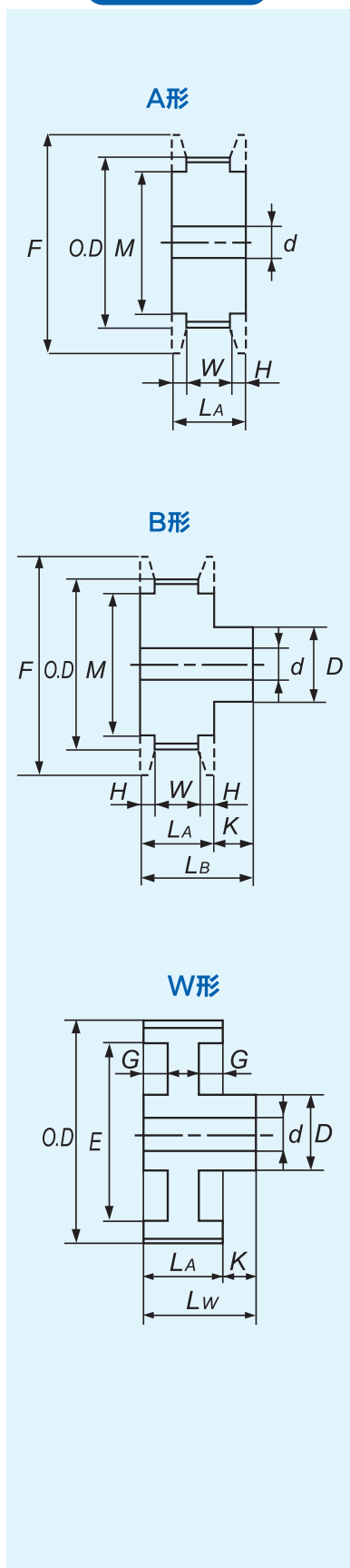
MXL同步带轮 MXL Synchronous Pulley

规格 Type	形状 Shape	节径 P.D	外径 O.D	档边 外径 F	档边 内径 M	轮毂 直径 Dm
14MXL	C	9.06	8.55	12	6	12
15MXL		9.70	9.19	12	6	12
16MXL		10.35	9.84	14	8	14
17MXL		11.00	10.49	14	8	14
18MXL		11.64	11.14	14	8	14
19MXL		12.29	11.78	14	8	14
20MXL		12.94	12.43	18	8	9
21MXL		13.58	13.08	18	11	9
22MXL		14.23	13.72	18	11	9
23MXL		14.88	14.37	20	11	11
24MXL	A	15.52	15.02	20	12	11
25MXL		16.17	15.66	20	12	11
26MXL		16.82	16.31	23	12	12
27MXL		17.46	16.96	23	13	12
28MXL		18.11	17.60	23	13	12
30MXL		19.40	18.90	25	13	14
32MXL		20.70	20.19	25	16	14
34MXL		21.99	21.48	25	16	14
36MXL		23.29	22.78	28	18	16
38MXL		24.58	24.07	28	18	16
40MXL	B	25.87	25.36	31	20	18
42MXL		27.17	26.66	31	20	18
44MXL		28.46	27.95	33	22	20
46MXL		29.75	29.24	33	22	20
48MXL		31.05	30.54	35	24	22
50MXL		32.34	31.83	35	24	22
60MXL		38.81	38.30	44	32	28
72MXL		46.57	46.06	52	38	30

XL同步带轮 XL Synchronous Pulley

规格 Type	形状 Shape	节径 P.D	外径 O.D	档边 外径 F	档边 内径 M	轮毂 直径 Dm
10XL	A	16.17	15.66	23	13	10
11XL		17.79	17.28	23	13	10
12XL		19.40	18.89	25	14	12
14XL		22.64	22.13	28	18	15
15XL		24.26	23.75	32	20	17
16XL		25.87	25.36	32	20	17
18XL		29.11	28.60	35	24	21
19XL		30.72	30.21	35	24	21
20XL		32.34	31.83	38	26	24
21XL		33.96	33.45	38	26	24
22XL		35.57	35.06	44	32	26
24XL		38.81	38.30	44	32	26
25XL	B	40.43	39.92	48	36	30
26XL		42.04	41.53	48	36	30
28XL		45.28	44.77	55	39	35
30XL		48.51	48.00	55	39	35
32XL		51.74	51.23	60	46	40
34XL		54.98	54.47	60	46	40
36XL		58.21	57.70	67	50	40
38XL		61.45	60.94	67	50	40
40XL		64.68	64.17	74	53	40
42XL		67.91	67.40	74	53	40
44XL		71.15	70.64	78	58	40
46XL		74.38	73.87	78	58	40
48XL		77.62	77.11	87	68	40
50XL		80.85	80.34	87	68	40
60XL		97.02	96.51	105	84	40
72XL		116.43	115.92	123	101	40

标准带轮形状



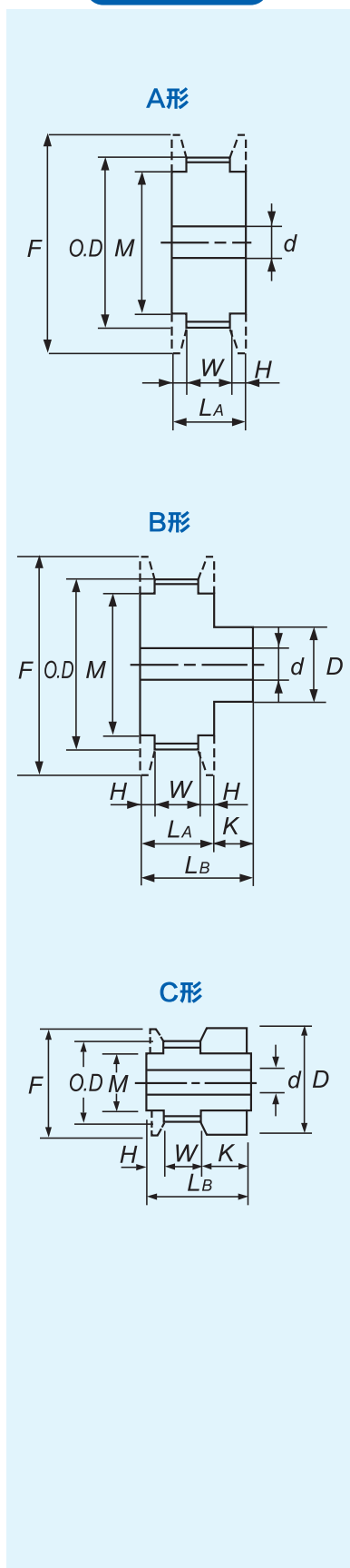
L同步带轮 L Synchronous Pulley

规格 Type	形状 Shape	节径 P.D	外径 O.D	档边 外径 F	档边 内径 M	透孔 外径 E	轮毂 直径 Dm
12L	A	36.38	35.62	44	32	-	27
14L		42.45	41.69	48	36	-	30
15L		45.48	44.72	48	36	-	30
16L		48.51	47.75	55	39	-	32
17L		51.54	50.78	55	39	-	34
18L		54.57	53.81	60	46	-	36
19L		57.61	56.85	67	50	-	38
20L		60.64	59.88	67	50	-	40
21L		63.67	62.91	70	55	-	42
22L		66.70	65.94	78	58	-	45
24L	B	72.77	72.01	87	68	-	50
25L		75.80	75.04	87	68	-	50
26L		78.83	78.07	87	68	-	50
28L		84.89	84.13	94	74	-	50
30L		90.96	90.20	99	78	-	56
32L		97.02	96.26	105	84	-	56
34L		103.08	102.32	112	90	-	63
36L		109.15	108.39	123	101	-	63
38L		115.22	114.46	126	100	-	63
40L		121.28	120.52	131	111	-	63
42L	W	127.34	126.58	135	115	-	71
44L		133.40	132.64	136	118	-	71
46L		139.47	137.71	144	111	-	71
48L		145.53	144.77	152	134	-	71
50L		151.60	150.84	160	140	-	71
60L		181.91	181.15	-	-	160	71
72L		218.30	217.54	-	-	197	71

XL同步带轮 XL Synchronous Pulley

规格 Type	形状 Shape	节径 P.D	外径 O.D	档边 外径 F	档边 内径 M	透孔 外径 E	轮毂 直径 Dm
14H	A	56.60	55.22	60	46	-	39
15H		60.64	59.27	67	50	-	45
16H		64.68	63.31	70	55	-	48
17H		68.72	67.35	80	60	-	48
18H		72.77	71.39	80	60	-	50
19H		76.81	75.44	87	68	-	50
20H		80.85	79.48	87	68	-	58
21H		84.89	83.52	94	74	-	58
22H		88.94	87.56	94	74	-	58
24H		97.02	95.65	105	84	-	58
25H	B	101.06	99.69	112	90	-	63
26H		105.11	103.73	112	90	-	63
28H		113.19	111.82	123	101	-	63
30H		121.28	119.90	126	100	-	63
32H		129.36	127.99	135	115	-	63
34H		137.45	136.07	144	111	-	71
36H		145.53	144.16	152	134	-	71
38H		153.62	152.24	165	136	126	88
40H		161.70	160.33	170	150	135	88
42H		169.79	168.41	180	155	143	88
44H	W	177.87	176.50	190	161	152	88
48H		194.04	192.67	205	180	168	88
50H		202.13	200.76	210	185	175	88
60H		242.55	241.18	-	-	216	88
72H		291.06	289.69	-	-	265	88

标准带轮形状



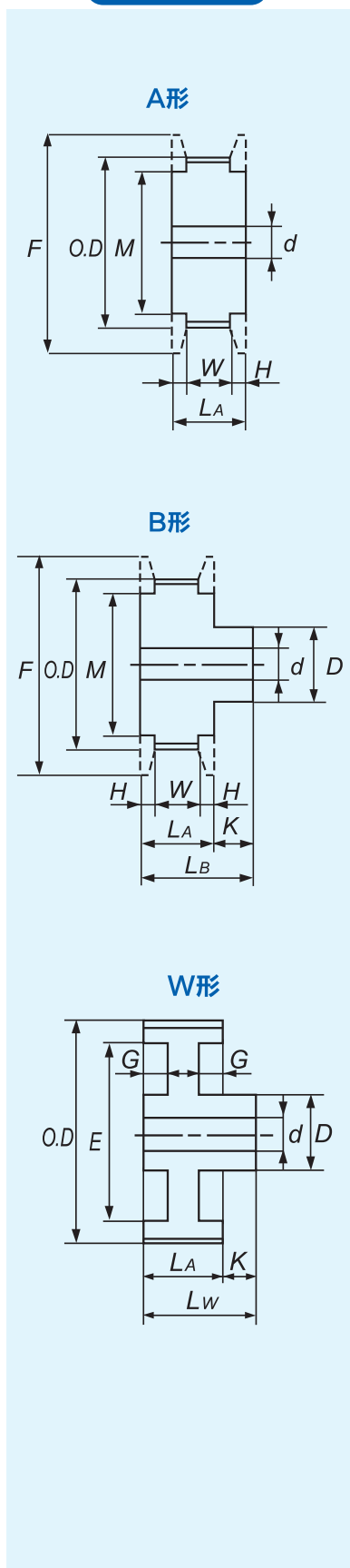
T2.5 同步带轮 T2.5 Synchronous Pulley

规格 Type	形状 Shape	节径 P.D	外径 O.D	档边 外径 F	档边 内径 M	轮毂 直径 Dm
T2.5×16	C	12.73	12.22	16	9.5	16
T2.5×18		14.32	13.81	18	11	18
T2.5×20		15.92	15.41	20	12	20
T2.5×21		16.71	16.20	21	13	21
T2.5×22		17.51	17.00	23	13	23
T2.5×23		18.30	17.79	25	14	25
T2.5×24		19.10	18.59	25	14	25
T2.5×25		19.89	19.38	25	16	13
T2.5×26		20.69	20.18	25	16	13
T2.5×27		21.49	20.98	25	16	14
T2.5×28	A	22.28	21.77	25	16	13
T2.5×30		23.87	23.36	28	18	16
T2.5×32		25.47	24.96	32	20	16
T2.5×34		27.06	26.55	35	24	18
T2.5×36		28.65	28.14	35	24	20
T2.5×38		30.24	29.73	38	26	22
T2.5×40		31.83	31.32	38	26	22
T2.5×42		33.42	32.91	42	28	24
T2.5×44		35.01	34.50	42	28	24
T2.5×45	B	35.81	35.30	-	-	26
T2.5×48		38.20	37.69	-	-	26
T2.5×54		42.97	42.46	-	-	30
T2.5×57		45.36	44.85	-	-	32
T2.5×60		47.75	47.24	-	-	34

T5 同步带轮 T5 Synchronous Pulley

规格 Type	形状 Shape	节径 P.D	外径 O.D	档边 外径 F	档边 内径 M	轮毂 直径 Dm
T5×12	A	19.10	18.25	23	13	-
T5×14		22.28	21.43	25	16	14
T5×15		23.88	23.03	28	18	15
T5×16		25.46	24.61	32	20	17
T5×18		28.65	27.80	33	22	19
T5×20		31.83	30.98	38	24	19
T5×22		35.01	34.16	40	27	24
T5×24		38.20	37.35	44	32	27
T5×25		39.79	38.94	44	32	27
T5×26		41.38	40.53	47	34	31
T5×28		44.56	43.71	47	34	32
T5×30		47.75	46.90	51	36	33
T5×32	B	50.93	50.08	55	39	37
T5×34		54.11	53.26	60	46	40
T5×36		57.30	56.45	60	46	40
T5×40		63.66	62.81	67	50	47
T5×44		70.03	69.18	74	53	50
T5×48		76.39	75.54	83	63	60
T5×50		79.58	78.73	87	68	63
T5×60		95.49	94.64	99	78	75

标准带轮形状



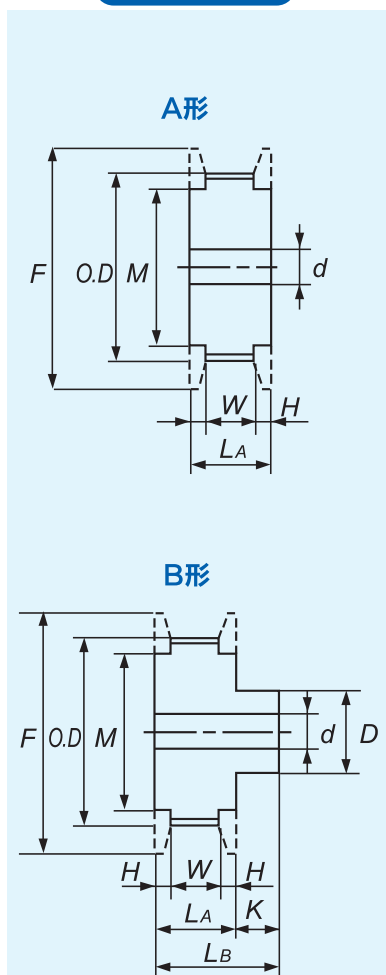
T10 同步带轮 T10 Synchronous Pulley

规格 Type	形状 Shape	节径 P.D	外径 O.D	档边 外径 F	档边 内径 M	轮毂 直径 Dm
T10×12	A	38.20	36.35	40	27	-
T10×14		44.56	42.71	48	36	32
T10×15		47.75	45.90	51	36	33
T10×16		50.93	49.08	57	41	37
T10×18		57.28	55.43	61	48	40
T10×20		63.66	61.81	67	50	47
T10×22		70.03	68.18	80	60	50
T10×24		76.39	74.54	87	68	60
T10×25		79.58	77.73	87	68	63
T10×26		82.76	80.91	87	68	63
T10×28		89.13	87.28	94	74	70
T10×30		95.49	93.64	105	84	75
T10×32		101.86	100.01	112	90	85
T10×34		108.23	106.38	119	100	90
T10×36		114.59	112.74	123	101	95
T10×40		127.32	125.47	135	115	100
T10×44		140.06	138.21	152	121	100
T10×48		152.78	150.93	160	140	100
T10×50		159.15	157.30	170	150	100
T10×60		190.99	189.14	201	171	100

T20 同步带轮 T20 Synchronous Pulley

规格 Type	形状 Shape	节径 P.D	外径 O.D	档边 外径 F	档边 内径 M	透孔 外径 E	轮毂 直径 Dm
T20×18	A	114.59	111.76	120	80	-	65
T20×19		120.96	118.13	130	80	-	65
T20×20		127.33	124.49	136	90	-	85
T20×21		133.69	130.86	142	92	-	85
T20×22		140.06	137.23	150	100	-	90
T20×24		152.79	149.96	158	112	-	95
T20×25		159.15	156.32	168	120	-	95
T20×26		165.52	162.69	175	126	-	95
T20×27		171.89	169.06	181	134	-	95
T20×28		178.25	175.42	187	140	-	110
T20×30		190.99	188.16	200	152	-	110
T20×32	B	203.72	200.89	-	-	160	110
T20×34		216.45	213.62	-	-	174	110
T20×38		241.92	239.09	-	-	199	110
T20×40		254.65	251.82	-	-	212	110
T20×48		305.58	302.75	-	-	262	130
T20×60		381.97	379.14	-	-	340	130
	W						

标准带轮形状



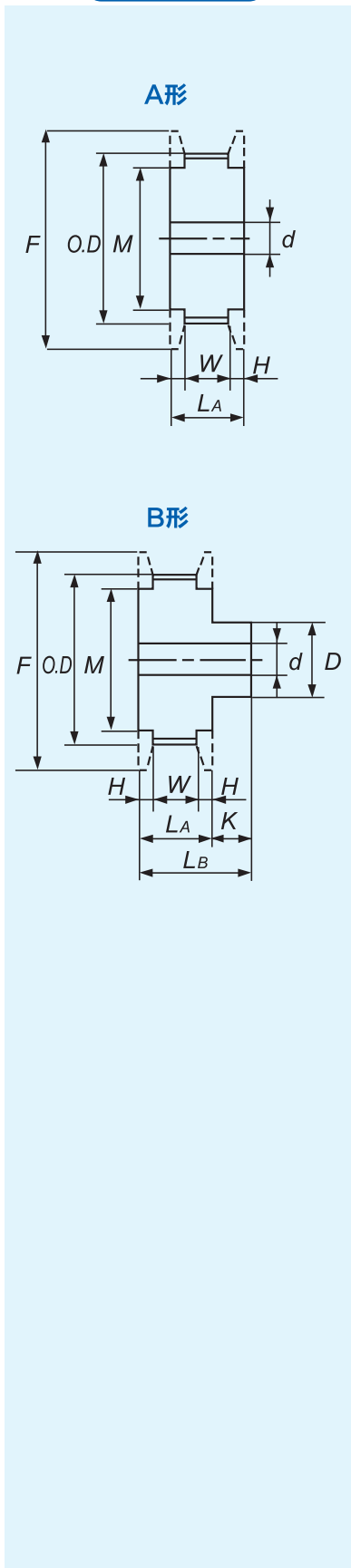
AT5 同步带轮 AT5 Synchronous Pulley

[illegible]

AT10 同步带轮 AT10 Synchronous Pulley

[illegible]

标准带轮形状



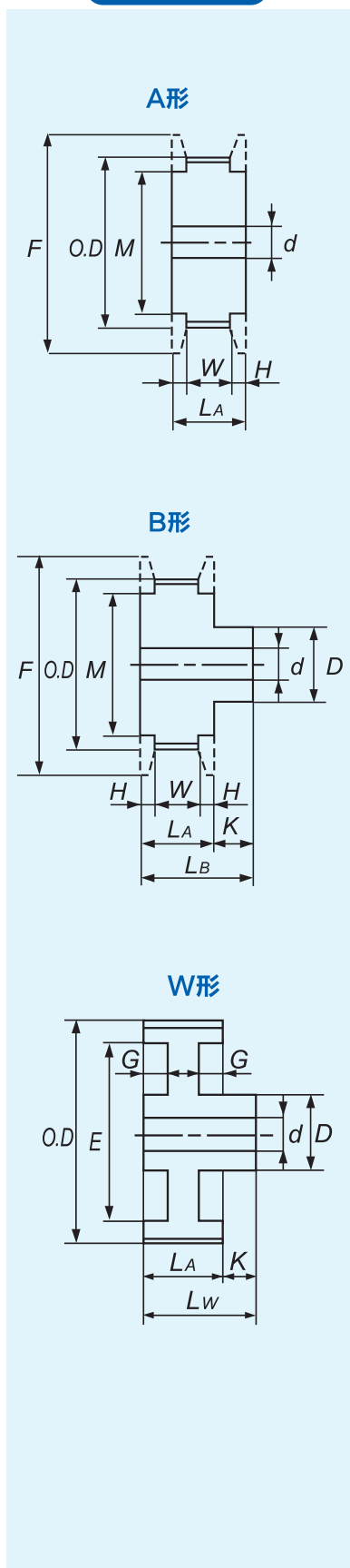
3M 同步带轮 3M Synchronous Pulley

规格 Type	形状 Shape	节径 P.D	外径 O.D	档边 外径 F	档边 内径 M	轮毂 直径 Dm
14-3M	A	13.37	12.61	16	9.5	16
15-3M		14.32	13.56	18	11	18
16-3M		15.28	14.52	18	11	18
18-3M		17.19	16.43	20	12	20
19-3M		18.14	17.38	23	13	23
20-3M		19.10	18.34	23	13	23
22-3M		21.01	20.25	25	16	25
24-3M		22.92	22.16	25	16	14
25-3M		23.87	23.11	28	18	16
26-3M		24.83	24.07	28	18	16
28-3M		26.74	25.98	31	20	18
30-3M		28.65	27.89	33	22	20
32-3M		30.56	29.80	35	24	20
34-3M		32.47	31.71	41	28	26
36-3M	B	34.38	33.62	41	28	26
40-3M		38.20	37.44	44	32	30
44-3M		42.02	41.26	48	36	32
48-3M		45.84	45.07	51	36	34
50-3M		47.75	46.98	52	38	34
60-3M		57.30	56.53	60	46	39
72-3M		68.76	68.00	75	55	50

5M 同步带轮 5M Synchronous Pulley

规格 Type	形状 Shape	节径 P.D	外径 O.D	档边 外径 F	档边 内径 M	轮毂 直径 Dm
14-5M	A	22.28	21.14	25	16	14
15-5M		23.87	22.73	28	18	15
16-5M		25.46	24.32	32	20	17
18-5M		28.65	27.51	33	22	19
19-5M		30.24	29.10	35	24	19
20-5M		31.83	30.69	35	24	19
22-5M		35.01	33.87	41	28	24
24-5M		38.20	37.06	44	32	27
25-5M		39.79	38.65	44	32	27
26-5M		41.38	40.24	48	36	31
28-5M		44.56	43.42	48	36	32
30-5M		47.75	46.61	51	36	33
32-5M		50.93	49.79	55	39	37
34-5M		54.11	52.97	60	46	40
36-5M	B	57.30	56.16	60	46	40
40-5M		63.66	62.52	67	50	47
44-5M		70.03	68.89	75	55	50
48-5M		76.39	75.25	83	63	60
50-5M		79.58	78.44	86	66	63
60-5M		95.48	94.34	99	78	75
72-5M		114.59	113.45	119	100	90

标准带轮形状



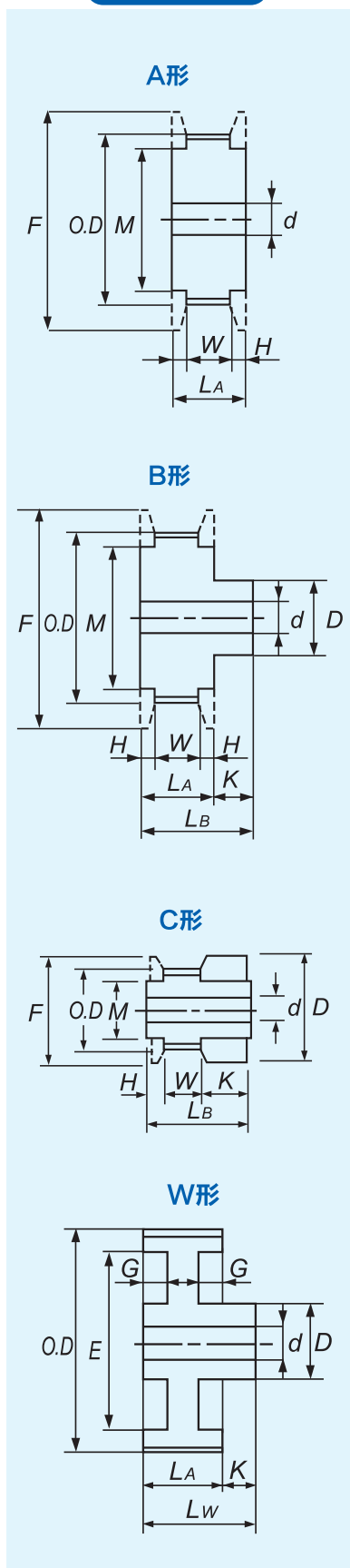
8M 同步带轮 8M Synchronous Pulley

[illegible]

T5 同步带轮 T5 Synchronous Pulley

[illegible]

标准带轮形状



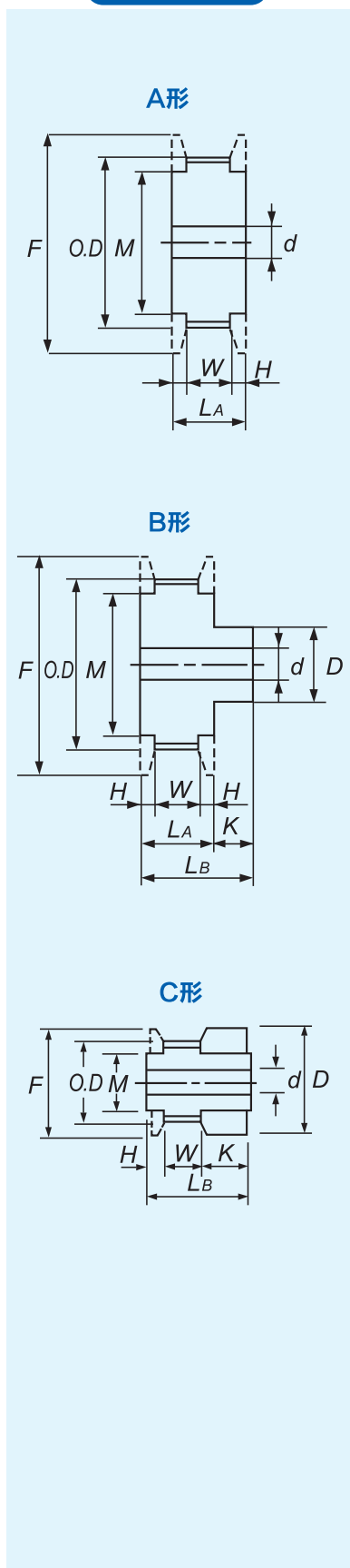
20M 同步带轮 20M Synchronous Pulley

[illegible]

S2M 同步带轮 S2M Synchronous Pulley

[illegible]

标准带轮形状



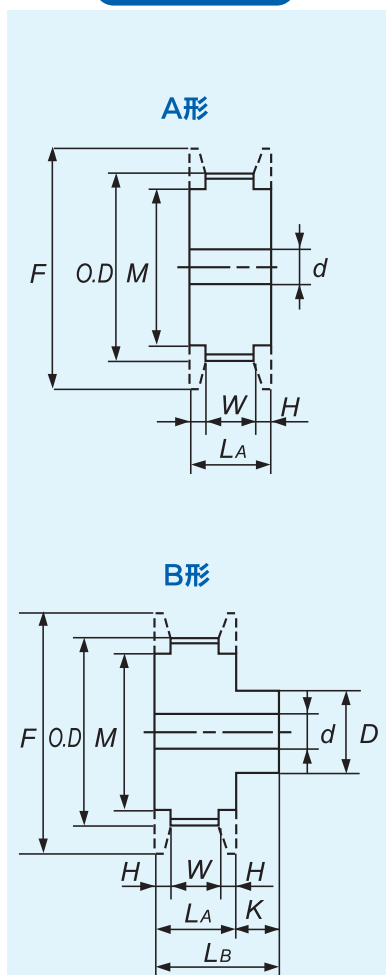
S3M 同步带轮 S3M Synchronous Pulley

规格 Type	形状 Shape	节径 P.D	外径 O.D	档边 外径 F	档边 内径 M	轮毂 直径 Dm
14-S3M	C	13.37	12.61	16	9.5	16
15-S3M		14.32	13.56	18	11	18
16-S3M		15.28	14.52	18	11	18
18-S3M		17.19	16.43	20	12	20
19-S3M		18.14	17.38	23	13	22
20-S3M	A	19.10	18.34	23	13	22
22-S3M		21.01	20.25	25	16	25
24-S3M		22.92	22.16	25	16	14
25-S3M		23.87	23.11	28	18	16
26-S3M		24.83	24.07	28	18	16
28-S3M		26.74	25.98	31	20	18
30-S3M		28.65	27.89	33	22	20
32-S3M		30.56	29.80	35	24	20
34-S3M		32.47	31.71	40	27	26
36-S3M		34.38	33.62	40	27	26
40-S3M	B	38.20	37.44	44	32	30
44-S3M		42.02	41.25	48	36	32
48-S3M		45.84	45.07	50	38	34
50-S3M		47.75	46.98	52	38	34
60-S3M		57.30	56.53	60	46	39
72-S3M		68.76	68.00	75	55	50

S5M 同步带轮 S5M Synchronous Pulley

规格 Type	形状 Shape	节径 P.D	外径 O.D	档边 外径 F	档边 内径 M	轮毂 直径 Dm
14-S5M	A	22.81	21.32	25	16	14
15-S5M		23.87	22.91	28	18	15
16-S5M		25.46	24.50	32	20	17
18-S5M		28.65	27.69	33	22	19
19-S5M		30.24	29.28	35	24	19
20-S5M		31.83	30.87	35	24	19
22-S5M		35.01	34.05	40	27	24
24-S5M		38.20	37.24	44	32	27
25-S5M		39.79	38.83	44	32	27
26-S5M		41.38	40.42	48	36	31
28-S5M	B	44.56	43.60	48	36	32
30-S5M		47.75	46.79	51	36	33
32-S5M		50.93	49.97	55	39	37
34-S5M		54.11	53.15	60	46	40
36-S5M		57.30	56.34	60	46	40
40-S5M		63.66	62.70	67	50	47
44-S5M		70.03	69.07	75	55	50
48-S5M		76.39	75.43	83	63	60
50-S5M		79.58	78.62	87	68	63
60-S5M		95.48	94.52	99	78	75
72-S5M		114.59	113.63	119	100	90

标准带轮形状



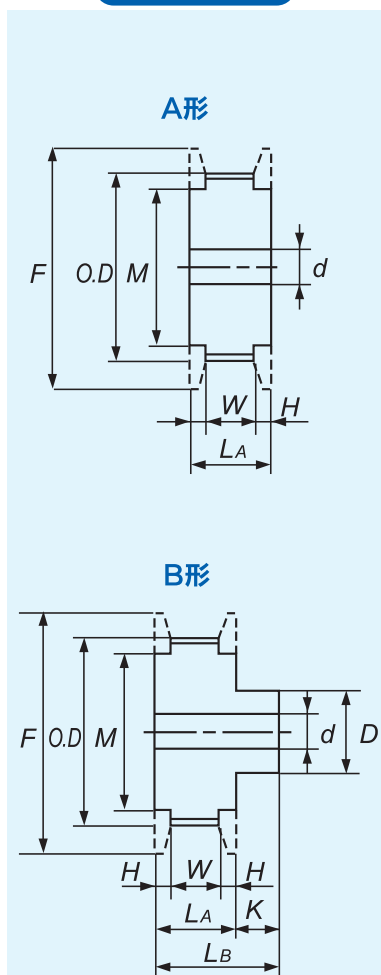
S8M 同步带轮 S8M Synchronous Pulley

[illegible]

S14M 同步带轮 S14M Synchronous Pulley

[illegible]

标准带轮形状



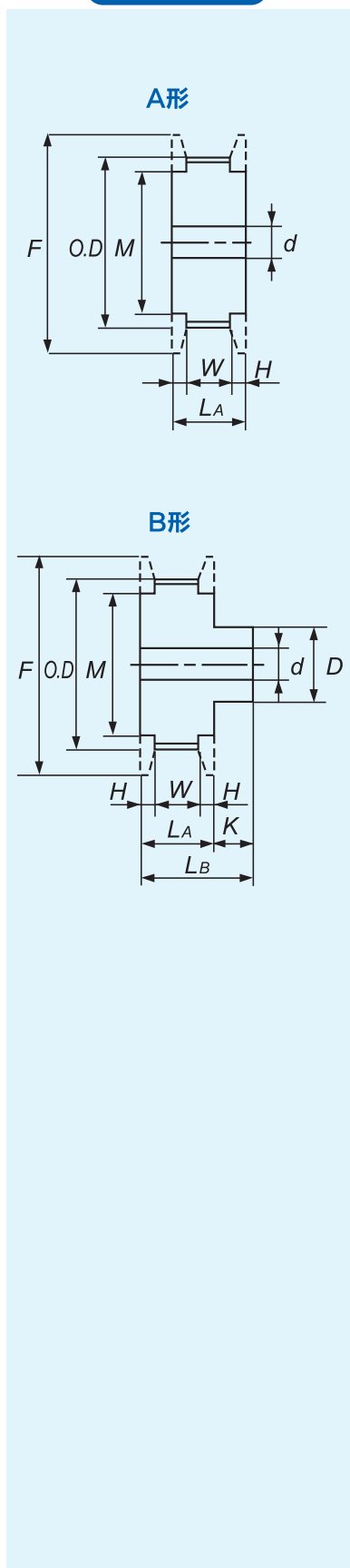
G2M 同步带轮 G2M Synchronous Pulley

[illegible]

G3M 同步带轮 G3M Synchronous Pulley

[illegible]

标准带轮形状



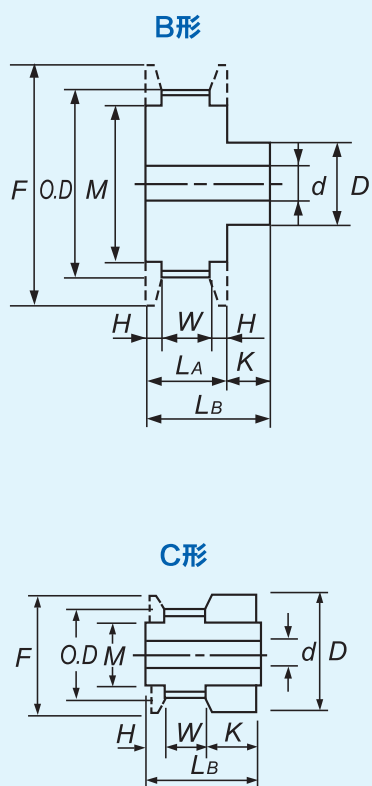
G5M 同步带轮 G5M Synchronous Pulley

[illegible]

Y8M 同步带轮 Y8M Synchronous Pulley

[illegible]

标准带轮形状



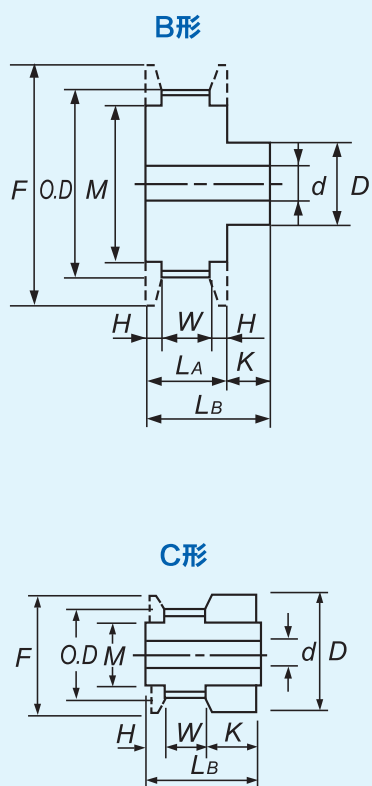
P2M 同步带轮 P2M Synchronous Pulley

[illegible]

P3M 同步带轮 P3M Synchronous Pulley

[illegible]

标准带轮形状



P5M 同步带轮 P5M Synchronous Pulley

[illegible]

P8M 同步带轮 P8M Synchronous Pulley

[illegible]

3M标准传动容量表 带宽: 6mm 单位: KW (Standard Transmission Capacity) Unit: KW

Z1	10	12	14	16	18	20	24	28	32	40	48	56	64	72	80
d ₁ / mm	9.55	11.46	13.37	15.28	17.19	19.10	22.92	26.74	30.56	38.20	45.48	53.48	61.12	68.75	76.39
小带轮转速	20	0.001	0.001	0.001	0.001	0.002	0.002	0.003	0.003	0.004	0.006	0.007	0.008	0.008	0.008
	40	0.002	0.002	0.002	0.003	0.003	0.003	0.004	0.005	0.006	0.009	0.011	0.013	0.015	0.017
	60	0.002	0.003	0.003	0.004	0.005	0.005	0.007	0.008	0.010	0.013	0.017	0.020	0.023	0.025
	100	0.004	0.005	0.006	0.007	0.008	0.009	0.011	0.013	0.016	0.021	0.028	0.033	0.038	0.042
	200	0.008	0.010	0.011	0.013	0.015	0.017	0.022	0.027	0.032	0.043	0.055	0.066	0.075	0.084
	300	0.011	0.013	0.016	0.018	0.021	0.024	0.030	0.036	0.043	0.058	0.074	0.087	0.100	0.112
	400	0.013	0.016	0.019	0.023	0.026	0.030	0.037	0.045	0.053	0.071	0.090	0.107	0.122	0.138
	500	0.016	0.019	0.023	0.027	0.031	0.035	0.044	0.053	0.062	0.083	0.106	0.125	0.143	0.161
	600	0.018	0.022	0.027	0.031	0.035	0.040	0.050	0.060	0.071	0.095	0.120	0.142	0.163	0.183
	700	0.020	0.025	0.030	0.035	0.040	0.045	0.056	0.068	0.080	0.106	0.134	0.159	0.181	0.204
	800	0.023	0.028	0.033	0.039	0.044	0.050	0.062	0.075	0.088	0.117	0.148	0.174	0.199	0.224
	870	0.024	0.030	0.035	0.041	0.047	0.053	0.066	0.080	0.094	0.124	0.157	0.185	0.211	0.238
	900	0.025	0.030	0.036	0.042	0.048	0.055	0.068	0.082	0.096	0.127	0.160	0.189	0.216	0.243
	1000	0.027	0.033	0.039	0.046	0.052	0.059	0.073	0.088	0.104	0.137	0.173	0.204	0.233	0.262
	1160	0.030	0.037	0.044	0.051	0.059	0.066	0.082	0.099	0.116	0.153	0.192	0.226	0.258	0.291
	1200	0.031	0.038	0.045	0.052	0.060	0.068	0.084	0.101	0.119	0.156	0.197	0.232	0.265	0.298
	1400	0.035	0.043	0.051	0.059	0.068	0.076	0.094	0.113	0.133	0.175	0.219	0.258	0.295	0.331
	1450	0.036	0.044	0.052	0.061	0.069	0.078	0.097	0.116	0.137	0.179	0.225	0.264	0.302	0.339
	1600	0.039	0.047	0.056	0.065	0.075	0.084	0.104	0.125	0.147	0.192	0.241	0.283	0.323	0.363
	1750	0.042	0.051	0.060	0.070	0.080	0.090	0.112	0.134	0.157	0.205	0.256	0.301	0.344	0.386
r/min	1800	0.042	0.052	0.062	0.072	0.082	0.092	0.114	0.136	0.160	0.209	0.261	0.307	0.351	0.394
	2000	0.046	0.056	0.067	0.077	0.089	0.100	0.123	0.148	0.173	0.226	0.281	0.331	0.377	0.423
	2400	0.053	0.065	0.077	0.089	0.102	0.115	0.141	0.169	0.197	0.257	0.319	0.375	0.427	0.479
	2800	0.060	0.073	0.086	0.100	0.114	0.129	0.158	0.189	0.221	0.287	0.355	0.416	0.474	0.530
	3200	0.066	0.081	0.096	0.111	0.126	0.142	0.175	0.209	0.243	0.315	0.389	0.455	0.517	0.578
	3600	0.073	0.088	0.105	0.121	0.138	0.155	0.191	0.227	0.265	0.342	0.421	0.492	0.558	0.622
	4000	0.079	0.096	0.113	0.131	0.150	0.168	0.206	0.245	0.285	0.368	0.451	0.526	0.596	0.663
	5000	0.094	0.114	0.134	0.155	0.177	0.198	0.243	0.288	0.334	0.427	0.521	0.603	0.678	0.749
	6000	0.108	0.131	0.154	0.178	0.202	0.227	0.277	0.327	0.378	0.481	0.581	0.667	0.743	0.812
	7000	0.121	0.147	0.173	0.200	0.227	0.254	0.309	0.364	0.419	0.528	0.631	0.718	0.790	0.850
	8000	0.134	0.163	0.191	0.221	0.250	0.279	0.339	0.398	0.456	0.569	0.673	0.754	0.816	0.861
	10000	0.159	0.192	0.226	0.259	0.293	0.326	0.393	0.457	0.519	0.631	0.724	0.781	0.804	0.792
	12000	0.182	0.220	0.257	0.295	0.332	0.368	0.438	0.505	0.566	0.666	0.729	0.739	0.691	0.582
	14000	0.204	0.245	0.286	0.327	0.366	0.404	0.476	0.541	0.596	0.670	0.683	0.616	-	-

带宽修正系数 Kb	带宽(mm)	6	10	15
	带宽修正系数	1.00	1.79	2.84

5M标准传动容量表 带宽: 20mm 单位: KW (Standard Transmission Capacity) Unit: KW

Z1	14	16	18	20	24	28	32	36	40	44	48	56	64	72	80
d ₁ / mm	22.28	25.46	28.65	31.83	38.20	44.56	50.93	57.30	63.66	70.03	76.39	89.13	101.86	114.59	127.32
小带轮转速	20	0.013	0.015	0.018	0.021	0.026	0.031	0.036	0.041	0.047	0.060	0.068	0.078	0.088	0.096
	40	0.026	0.031	0.034	0.039	0.049	0.057	0.070	0.081	0.094	0.111	0.124	0.148	0.166	0.187
	60	0.036	0.044	0.049	0.057	0.070	0.086	0.101	0.119	0.137	0.163	0.184	0.216	0.246	0.275
	100	0.060	0.070	0.081	0.094	0.117	0.143	0.169	0.197	0.228	0.267	0.301	0.355	0.404	0.454
	200	0.119	0.140	0.161	0.182	0.231	0.280	0.335	0.391	0.454	0.524	0.594	0.703	0.801	0.903
	300	0.161	0.190	0.218	0.246	0.312	0.378	0.449	0.527	0.607	0.698	0.786	0.931	1.064	1.196
	400	0.200	0.236	0.270	0.306	0.384	0.467	0.555	0.649	0.745	0.853	0.962	1.139	1.299	1.463
	500	0.239	0.278	0.319	0.363	0.454	0.550	0.654	0.760	0.874	0.999	1.124	1.331	1.520	1.709
	600	0.272	0.319	0.366	0.415	0.519	0.628	0.745	0.869	0.996	1.136	1.276	1.513	1.725	1.940
	700	0.306	0.358	0.412	0.467	0.581	0.705	0.835	0.970	1.113	1.266	1.421	1.684	1.923	2.158
	800	0.340	0.397	0.454	0.517	0.643	0.778	0.919	1.069	1.224	1.391	1.559	1.847	2.107	2.369
	870	0.366	0.425	0.487	0.553	0.688	0.830	0.981	1.139	1.297	1.476	1.652	1.956	2.234	2.511
	900	0.374	0.436	0.500	0.566	0.703	0.851	1.004	1.165	1.329	1.513	1.694	2.002	2.288	2.568
	1000	0.404	0.472	0.540	0.612	0.760	0.919	1.085	1.258	1.432	1.629	1.821	2.156	2.459	2.763
	1160	0.454	0.527	0.605	0.685	0.851	1.025	1.209	1.398	1.593	1.808	2.021	2.389	2.724	3.059
	1200	0.464	0.542	0.620	0.701	0.872	1.051	1.237	1.435	1.632	1.850	2.068	2.444	2.789	3.132
	1400	0.521	0.607	0.695	0.786	0.978	1.175	1.385	1.600	1.821	2.060	2.301	2.716	3.098	3.474
	1450	0.537	0.626	0.716	0.807	1.002	1.207	1.419	1.643	1.868	2.111	2.356	2.784	3.173	3.557
	1600	0.579	0.672	0.771	0.869	1.079	1.297	1.525	1.761	2.000	2.254	2.514	2.968	3.380	3.790
r/min	1750	0.617	0.718	0.822	0.929	1.152	1.385	1.626	1.878	2.132	2.400	2.672	3.152	3.591	4.021
	1800	0.633	0.735	0.840	0.949	1.175	1.414	1.660	1.914	2.174	2.446	2.724	3.214	3.658	4.094
	2000	0.685	0.797	0.910	1.027	1.271	1.525	1.790	2.065	2.340	2.630	2.927	3.448	3.920	4.382
	2400	0.786	0.913	1.043	1.175	1.453	1.741	2.039	2.346	2.703	2.978	3.305	3.884	4.403	4.906
	2800	0.882	1.025	1.170	1.318	1.622	1.940	2.267	2.605	2.950	3.300	3.653	4.278	4.833	5.362
	3200	0.976	1.131	1.292	1.455	1.785	2.132	2.491	2.854	3.222	3.596	3.972	4.634	5.209	5.751
	3600	1.066	1.235	1.408	1.585	1.943	2.316	2.698	3.087	3.476	3.871	4.265	4.950	5.536	6.070
	4000	1.154	1.336	1.523	1.712	2.096	2.493	2.895	3.305	3.713	4.122	4.527	5.228	5.806	6.320
	5000	1.362	1.575	1.790	2.008	2.446	2.893	3.341	3.785	4.224	4.649	5.061	5.739	6.232	6.592
	6000	1.564	1.803	2.044	2.288	2.773	3.256	3.730	4.190	4.626	5.038	5.420	5.982	6.268	6.314
	7000	1.748	2.008	2.270	2.532	3.051	3.554	4.034	4.480	4.890	5.251	5.557	5.897	5.837	5.407
	8000	1.920	2.200	2.478	2.755	3.292	3.798	4.260	4.667	5.012	5.282	5.463	5.461	4.895	-
	10000	2.228	2.534	2.835	3.124	3.653	4.104	4.459	4.693	4.792	4.732	4.499	-	-	-

带宽修正系数 Kb	带宽(mm)	9	15	20	25	30	50	60
	带宽修正系数	0.37	0.73	1.00	1.25	1.60	2.7	3.25

8M标准传动容量表 带宽: 20mm 单位: KW

(Standard Transmission Capacity) Unit: KW

Z1		22	24	26	28	30	32	34		38	40	44	48	56	64	72	80
d ₁ / mm		56.02	61.12	66.21	71.30	76.38	81.49	86.58		96.77	101.86	112.05	122.23	142.60	162.97	183.35	203.72
小带轮转速	10	0.02	0.02	0.02	0.03	0.04	0.04	0.07	0.08	0.08	0.09	0.10	0.10	0.12	0.14	0.16	0.18
	20	0.04	0.04	0.05	0.06	0.07	0.08	0.14	0.14	0.16	0.17	0.19	0.19	0.22	0.26	0.30	0.33
	40	0.07	0.09	0.10	0.12	0.14	0.16	0.25	0.27	0.29	0.13	0.34	0.37	0.42	0.48	0.54	0.60
	60	0.12	0.13	0.15	0.17	0.21	0.25	0.36	0.38	0.41	0.44	0.48	0.51	0.59	0.68	0.76	0.85
	100	0.19	0.22	0.25	0.28	0.34	0.41	0.54	0.58	0.63	0.68	0.74	0.79	0.92	1.04	1.18	1.31
	200	0.37	0.41	0.47	0.55	0.66	0.78	0.96	1.04	1.12	1.21	1.31	1.42	1.63	1.86	2.08	2.31
	300	0.53	0.59	0.67	0.79	0.94	1.13	1.33	1.44	1.56	1.67	1.82	1.96	2.28	2.57	2.87	3.18
	400	0.69	0.76	0.87	1.01	1.20	1.45	1.66	1.81	1.95	2.10	2.28	2.47	2.86	3.22	3.59	3.96
	500	0.83	0.92	1.04	1.20	1.43	1.73	1.96	2.15	2.33	2.50	2.72	2.94	3.39	3.82	4.24	4.67
	600	0.98	1.07	1.20	1.38	1.64	1.99	2.25	2.47	2.68	2.87	3.13	3.37	3.90	4.37	4.85	5.32
	700	1.14	1.25	1.35	1.54	1.83	2.22	2.51	2.77	3.01	3.23	3.51	3.79	4.37	4.89	5.41	5.92
	800	1.31	1.42	1.54	1.69	1.99	2.41	2.75	3.05	3.32	3.56	3.86	4.18	4.82	5.38	5.92	6.46
	900	1.42	1.54	1.68	1.81	2.10	2.54	2.92	3.24	3.54	3.78	4.11	4.44	5.12	5.70	6.27	6.81
	1000	1.63	1.78	1.92	2.07	2.26	2.73	3.21	3.57	3.90	4.18	4.54	4.89	5.63	6.25	6.85	7.42
	1160	1.89	2.06	2.23	2.40	2.57	2.95	3.54	3.95	4.33	4.63	5.03	5.42	6.22	6.87	7.48	8.04
	1200	1.95	2.13	2.31	2.48	2.66	3.02	3.61	4.04	4.43	4.74	5.14	5.54	6.36	7.01	7.62	8.18
	1400	2.28	2.48	2.69	2.89	3.10	3.23	3.97	4.46	4.92	5.26	5.69	6.12	7.00	7.66	8.25	8.76
	1600	2.60	2.83	3.07	3.30	3.54	3.77	4.28	4.83	5.36	5.72	6.18	6.65	7.56	8.20	7.72	9.06
	1750	2.84	3.10	3.36	3.61	3.86	4.11	4.48	5.09	5.65	6.05	6.53	7.00	7.92	8.51	8.89	9.71
	2000	3.25	3.54	3.83	4.11	4.40	4.68	4.97	5.43	6.11	6.53	7.02	7.50	8.39	8.97	9.94	10.85
	r/min	2400	3.88	4.23	4.57	4.91	5.25	5.59	5.92	6.25	6.68	7.15	7.62	8.17	9.37	10.50	11.53
2800		4.51	4.91	5.30	5.70	6.09	6.47	6.85	7.23	7.59	7.96	8.68	9.37	10.68	11.86	12.91	13.82
3200		-	-	6.03	6.47	6.90	7.33	7.75	8.17	8.58	8.97	9.75	10.50	11.86	13.05	14.05	14.81
3500		-	-	-	-	7.50	7.96	8.41	8.86	9.28	9.71	10.52	11.29	12.67	13.82	-	-
4000		-	-	-	-	-	8.97	9.47	9.94	10.41	10.85	11.70	12.48	13.82	-	-	-
4500		-	-	-	-	-	-	10.46	10.96	11.44	11.91	12.76	13.51	-	-	-	-
5000		-	-	-	-	-	-	-	11.91	12.39	12.85	-	-	-	-	-	-
5500	-	-	-	-	-	-	-	-	13.23	13.67	-	-	-	-	-	-	-

耐用时间减少; Reduced durability time *上述未记载的转速按比例计算 Unrecorded rotational speed prorated

带宽修正系数

Kb

带宽(mm)	20	25	30	40	50	60	85
带宽修正系数	1.00	1.30	1.58	2.16	2.73	3.30	4.74

14M标准传动容量表 带宽: 40mm 单位: KW

(Standard Transmission Capacity) Unit: KW

Z1		28	29	30	32	34	36	38	40	44	48	56	64	72	80
d ₁ / mm		124.78	129.23	133.69	142.60	151.52	160.43	169.34	178.25	196.08	213.90	249.55	285.21	320.86	365.51
小带轮转速	10	0.18	0.19	0.19	0.21	0.23	0.27	0.32	0.377	0.41	0.45	0.52	0.60	0.68	0.78
	20	0.37	0.38	0.39	0.42	0.46	0.53	0.63	0.75	0.83	0.90	1.05	1.20	1.35	1.57
	40	0.73	0.75	0.78	0.84	0.93	1.06	1.27	1.50	1.65	1.81	2.10	2.40	2.70	3.13
	60	1.10	1.13	1.17	1.25	1.39	1.59	1.91	2.25	2.48	2.70	3.16	3.60	4.05	4.70
	100	1.83	1.89	1.95	2.08	2.31	2.65	3.18	3.75	4.13	4.51	5.25	6.01	6.75	7.83
	200	3.65	3.77	3.91	4.12	4.63	5.30	6.36	7.34	8.25	9.00	10.50	12.00	13.50	15.64
	300	5.01	5.25	5.54	5.74	6.87	7.94	9.12	9.86	11.28	13.07	15.73	17.97	20.21	22.89
	400	6.14	6.51	6.90	7.24	8.57	10.44	11.21	12.09	13.71	15.73	19.36	22.29	24.63	27.04
	500	7.19	7.67	8.17	8.65	10.15	12.23	13.11	14.10	15.88	18.05	22.13	25.24	27.83	30.50
	600	8.16	8.76	9.36	9.98	11.63	13.89	14.85	15.94	17.84	20.13	24.56	27.76	30.54	33.40
	700	9.08	9.78	10.48	11.25	13.02	15.43	16.46	17.64	19.64	22.01	26.71	29.93	32.85	35.83
	800	9.95	10.75	11.56	12.46	14.33	16.85	17.97	19.22	21.29	23.71	28.60	31.79	34.79	37.84
	870	10.54	11.41	12.27	13.27	15.21	17.80	18.96	20.25	22.37	24.80	29.80	32.94	35.96	39.16
	1000	11.59	12.57	13.55	14.72	16.76	19.64	20.69	22.05	24.21	26.65	31.76	34.73	37.73	40.72
	1160	12.81	13.92	15.02	16.40	18.54	21.31	22.63	24.06	26.23	28.63	33.75	36.37	39.25	42.01
	1200	13.11	14.25	15.37	16.80	21.75	23.08	24.53	26.69	29.08	34.17	36.73	39.52	42.19	-
Small pulley rotating r/min	1400	14.53	15.79	17.05	18.70	21.94	23.77	25.17	27.67	29.79	35.06	37.90	39.87	40.21	42.28
	1600	15.78	17.24	18.59	20.45	22.72	25.54	26.98	28.51	30.53	32.60	33.00	38.20	39.84	-
	1750	16.84	18.25	19.66	21.65	23.92	26.71	28.17	29.70	31.60	33.49	37.40	37.91	-	-
	2000	18.40	19.84	21.29	23.46	25.69	28.38	29.83	31.32	32.97	34.47	37.31	36.44	-	-
	2400	20.82	22.08	23.52	25.83	27.91	30.30	31.66	33.00	34.72	35.14	-	-	-	-
	2800	23.48	24.11	25.30	27.52	29.34	31.31	32.47	33.53	33.72	33.33	-	-	-	-
	3200	-	26.36	26.91	28.51	29.97	31.41	32.24	32.88	-	-	-	-	-	-
	3500	-	-	28.25	29.07	29.94	30.92	31.40	-	-	-	-	-	-	-
	4000	-	-	-	30.17	29.27	-	-	-	-	-	-	-	-	-
	r/min														

耐用时间减少; Reduced durability time *上述未记载的转速按比例计算 Unrecorded rotational speed prorated

带宽修正系数

Kb

带宽(mm)	40	55	70	85	100	115	130	150
带宽修正系数	1.00	1.50	1.98	2.48	3.00	3.50	4.00	4.65

20M标准传动容量表 带宽: 115mm 单位: KW (Standard Transmission Capacity) Unit: KW

Z1		34	36	38	40	44	48	52	56	60	64	68	72	80	90
d ₁ / mm		216.45	229.18	241.92	254.65	280.11	305.58	331.04	356.51	381.97	407.44	432.90	458.37	509.30	572.96
小带轮转速	10	2.01	2.16	2.31	2.46	2.69	2.98	3.21	3.43	3.66	3.80	4.03		4.55	5.00
	20	4.03	4.33	4.55	4.85	5.45	5.89	6.42	6.86	7.31	7.68	8.06	4.18	9.17	10.00
	30	6.04	6.49	6.86	7.31	8.13	8.88	9.62	10.29	10.97	11.49	12.09	8.18	13.73	15.07
	40	7.98	8.58	9.18	9.77	10.82	11.79	12.70	13.80	14.55	15.37	16.11	12.61	18.28	20.07
	50	10.00	10.74	11.41	12.16	13.50	14.77	15.96	17.23	18.20	19.17	20.14	16.86	22.90	25.06
	60	12.01	12.91	13.73	14.62	16.26	17.68	19.17	20.14	21.86	22.97	24.17	21.04	27.45	30.06
	80	16.04	17.23	18.28	19.47	21.63	23.57	25.59	27.53	29.17	30.66	32.15	25.29	36.55	40.06
	100	19.99	22.48	22.90	24.32	27.08	29.54	31.93	34.39	36.40	38.34	40.21	33.64	45.73	50.06
	150	30.06	32.23	34.32	36.48	40.58	44.24	47.89	51.62	54.61	57.44	60.28	42.07	68.48	74.97
	200	40.06	41.78	45.73	48.64	54.01	58.93	63.80	68.71	72.66	76.47	80.20	63.0	91.09	99.67
	300	57.96	62.29	66.17	70.35	78.93	87.80	93.53	99.14	104.66	110.04	115.26	83.93	130.40	142.34
	400	73.03	78.33	83.15	88.40	98.99	110.04	116.97	123.76	130.40	136.82	143.08	120.40	160.99	174.79
	500	87.06	93.25	98.99	105.11	117.57	130.40	138.35	146.14	153.68	160.99	168.00	149.20	187.69	202.46
	600	100.19	107.27	113.77	120.70	134.73	149.20	-	166.58	174.79	182.62	190.16	174.79	210.75	225.67
	730	116.15	124.21	131.59	139.43	155.32	171.58	-	190.38	199.11	207.31	215.00	197.32	235.21	248.57
	800	124.28	132.86	140.62	148.83	165.54	182.62	192.62	201.94	210.75	218.95	226.56	222.23	245.73	257.37
	870	132.04	141.07	149.20	157.85	175.31	193.06	203.21	212.61	221.26	229.40	236.78	233.57	254.31	263.64
	970	142.64	152.18	160.76	169.94	188.29	206.87	-	226.34	234.77	242.30	248.94	243.35	263.04	-
r/min	1170	161.88	172.33	181.58	191.42	210.97	230.51	261.55	248.27	255.13	260.58	264.61	254.61	267.44	-
	1200	164.57	175.09	184.49	194.33	214.03	233.57	266.70	250.88	257.37	262.37	265.87	267.07	266.47	-
	1460	185.46	196.57	206.19	216.27	235.96	254.98	267.96	265.95	266.96	267.52	268.46	267.74	-	-
	1600	194.93	206.12	215.59	225.52	244.54	263.37	-	268.04	266.47	-	-	-	-	-
	1750	203.66	214.7	223.60	233.27	251.03	266.99	-	268.35	-	-	-	-	-	-
	2000	214.92	225.14	233.13	241.26	225.36	266.47	-	-	-	-	-	-	-	-

MXL标准传动容量表 带宽: 6.4mm 单位: KW (Standard Transmission Capacity) Unit: KW

Z1		10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40
d ₁ / mm		6.47	7.76	9.06	10.35	11.65	12.94	14.23	15.53	16.82	18.12	19.41	20.70	22.0	23.29	24.59	25.88
小带轮转速	100	0.8	1.0	1.1	1.3	1.4	1.6	1.7	1.9	2.1	2.2	2.4	2.5	2.7	2.9	3.0	3.2
	200	1.6	1.9	2.2	2.5	2.9	3.2	3.5	3.8	4.1	4.4	4.8	7.6	5.4	5.7	6.0	6.3
	300	2.4	2.9	3.3	3.8	4.3	4.8	5.2	5.7	6.2	6.7	9.5	10.1	8.1	8.6	9.0	9.5
	400	3.2	3.8	4.4	5.1	5.7	6.3	7.0	7.6	8.2	8.9	11.9	12.7	10.8	11.4	12.1	12.7
	500	4.0	4.8	5.5	6.3	7.1	7.9	8.7	9.5	10.3	11.1	14.3	15.2	13.5	14.3	15.1	15.9
	600	4.8	5.7	6.7	7.6	8.6	9.5	10.5	11.4	12.4	13.3	16.6	20.3	16.2	17.1	18.1	19.0
	700	5.5	6.7	7.8	8.9	10.0	11.1	12.2	13.3	14.4	15.5	19.0	22.8	18.9	20.0	21.1	22.2
	800	6.3	7.6	8.9	10.1	11.4	12.7	13.9	15.2	16.5	17.8	21.4	25.3	21.6	22.8	24.1	25.4
	900	7.1	8.6	10.0	11.4	12.8	14.3	15.7	17.1	18.5	20.0	23.8	27.9	24.3	25.7	27.1	28.5
	1000	7.9	9.5	11.1	12.7	14.3	15.8	17.4	19.0	20.6	22.2	26.1	30.4	26.9	28.5	30.1	31.7
	1100	8.7	10.5	12.2	13.9	15.7	17.4	19.2	20.9	22.7	24.4	28.5	32.9	29.6	31.4	33.1	34.9
	1200	9.5	11.4	13.3	15.2	17.1	19.0	20.9	22.8	24.7	26.6	30.9	35.5	32.3	34.2	36.1	38.0
	1300	10.3	12.4	14.4	16.5	18.6	20.6	22.7	24.7	26.8	28.8	33.3	38.0	35.0	37.1	39.1	41.2
	1400	11.1	13.3	15.5	17.7	20.0	22.2	24.4	26.6	28.8	31.1	35.6	40.5	37.7	39.9	42.1	44.3
	1500	11.9	14.3	16.6	19.0	21.4	23.8	26.1	28.5	30.9	33.3	38.0	43.1	40.4	42.7	45.1	47.5
	1600	12.7	15.2	17.7	20.3	22.8	25.3	27.9	30.4	32.9	35.5	40.4	45.6	43.1	45.6	48.1	50.6
	r/min	1700	13.5	16.2	18.9	21.5	24.3	26.9	29.6	32.3	35.0	37.7	42.8	48.1	45.8	48.4	51.1
1800		14.3	17.1	20.0	22.8	25.7	28.5	31.4	34.2	37.1	39.9	45.1	50.6	48.4	51.3	54.1	57.0
1900		15.1	18.1	21.1	24.1	27.1	30.1	33.1	36.1	39.1	42.1	47.5	53.2	51.1	54.1	57.1	60.1
2000		15.8	19.0	22.2	25.3	28.5	31.7	34.8	38.0	41.2	44.3	49.9	55.7	53.8	56.9	60.1	63.3
2100		16.6	20.0	23.3	26.6	30.0	33.3	36.6	39.9	43.2	46.6	52.2	58.2	56.5	59.8	63.1	66.4
2200		17.4	20.9	24.4	27.9	31.4	34.8	38.3	41.8	45.3	48.8	54.6	60.7	59.2	62.6	66.1	69.5
2300		18.2	21.9	25.5	29.1	32.8	36.4	40.1	43.7	47.3	51.0	57.0	63.2	61.8	65.4	69.1	72.7
2400		19.0	22.8	26.6	30.4	34.2	38.0	41.8	45.6	49.4	53.2	59.3	65.7	64.5	68.3	72.1	75.8
2500		19.8	23.8	27.7	31.7	35.7	39.6	43.5	47.5	51.4	55.4	61.7	68.3	67.2	71.1	75.0	78.9
2600		20.6	24.7	28.8	32.9	37.1	41.2	45.3	49.4	53.5	57.6	64.0	70.8	69.9	73.9	78.0	82.1
2700		21.4	25.7	29.9	34.2	38.5	42.7	47.0	51.3	55.5	59.8	66.4	73.3	72.5	76.7	81.0	85.2
2800		22.2	26.6	31.0	35.5	39.9	44.3	48.7	53.2	57.6	62.0	71.1	75.8	75.2	79.5	84.0	88.3
2900		23.0	27.6	32.2	36.7	41.3	45.9	50.5	55.1	59.6	64.2	73.5	78.3	77.9	82.4	86.9	91.4
3000		23.8	28.5	33.3	38.0	42.8	47.5	52.2	57.0	61.7	66.4	75.8	80.8	80.5	85.2	89.9	94.6
3100		-	-	-	39.3	44.2	49.1	53.9	58.9	63.7	68.6	78.2	83.3	83.2	88.0	92.9	97.7
3200		-	-	-	40.5	45.6	50.6	55.7	60.7	65.7	70.8	80.5	85.8	85.8	90.8	95.8	100.8
3300		-	-	-	41.8	47.0	52.2	57.4	62.6	67.8	73.0	82.9	88.3	88.5	93.6	98.8	103.9
3400		-	-	-	43.1	48.5	53.8	59.1	64.5	69.8	75.2	85.2	90.8	91.1	96.4	101.7	107.0
3500		-	-	-	44.3	49.9	55.4	60.9	66.4	71.9	77.4	87.5	93.3	93.8	99.2	104.7	110.1
3600		-	-	-	45.6	51.3	56.9	62.6	68.3	73.9	79.6	89.9	95.8	96.4	102.0	107.6	113.2
3700		-	-	-	46.8	52.7	58.5	64.3	70.2	75.9	81.8	92.2	98.3	99.1	104.8	110.6	116.3
3800		-	-	-	48.1	54.1	60.1	66.1	72.1	78.0	84.0	94.6	100.8	101.7	107.6	113.5	119.3
3900		-	-	-	49.4	55.6	61.7	67.8	73.9	80.0	86.2	96.9	103.2	104.4	110.4	116.4	122.4
4000		-	-	-	50.6	57.0	63.2	69.5	75.8	82.1	88.3	99.2	105.7	107.0	113.1	119.4	125.5
4100		-	-	-	51.9	58.4	64.8	71.2	77.7	84.1	90.5	101.6	108.2	109.6	115.9	122.3	128.6
4200		-	-	-	53.2	59.8	66.4	73.0	79.6	86.1	92.7	103.9	110.7	112.3	118.7	125.2	131.6
4300		-	-	-	54.4	61.2	67.9	74.7	81.5	88.1	94.9	106.2	113.1	114.9	121.5	128.1	134.7
4400		-	-	-	55.7	62.6	69.5	76.4	83.3	90.2	97.1	108.5	115.6	117.5	124.2	131.0	137.7
4500		-	-	-	56.9	64.1	71.1	78.1	85.2	92.2	99.3	110.9	118.1	120.1	127.0	133.9	140.8
4600		-	-	-	58.2	65.5	72.7	79.9	87.1	94.2	101.4	113.2	120.5	122.7	129.8	136.7	143.8
4700		-	-	-	59.5	66.9	74.2	81.6	89.0	96.2	103.6	115.5	123.0	125.4	132.5	139.5	146.9
4800	-	-	-	60.7	68.3	75.8	83.3	90.8	98.3	105.8	117.8	125.5	128.0	135.0	142.5	149.9	
4900	-	-	-	62.0	69.7	77.4	85.0	92.7	100.3	107.9			130.6	138.1	145.6	153.1	
5000	-	-	-	63.2	71.1	78.9	86.7	94.6	102.3	110.1			133.2	141.1	149.0	156.9	

标准传动容量表

Standard Transmission Capacity Table

XL标准传动容量表 带宽: 25.4mm 单位: KW (Standard Transmission Capacity) Unit: KW

Z1		10	11	12	14	15	16	18	19	20	21	22	24	25	26	28	30
d ₁ / mm		16.17	17.79	19.40	22.64	24.25	25.87	29.11	30.72	32.34	33.96	35.57	38.81	40.42	42.04	45.28	48.51
小带轮转速	950	0.15	0.16	0.18	0.20	0.22	0.23	0.26	0.28	0.29	0.31	0.32	0.35	0.37	0.38	0.41	0.44
	1160	0.18	0.20	0.21	0.25	0.27	0.29	0.32	0.34	0.36	0.37	0.39	0.43	0.45	0.46	0.50	0.53
	1425	0.22	0.24	0.26	0.31	0.33	0.35	0.39	0.42	0.44	0.46	0.48	0.53	0.55	0.57	0.61	0.66
	1750	0.27	0.30	0.32	0.38	0.40	0.43	0.48	0.51	0.54	0.56	0.59	0.64	0.67	0.70	0.75	0.80
	2850	0.44	0.48	0.53	0.61	0.66	0.70	0.79	0.83	0.87	0.91	0.96	1.04	1.08	1.12	1.21	1.29
	3450	0.53	0.58	0.63	0.74	0.79	0.84	0.95	1.00	1.05	1.10	1.15	1.25	1.30	1.35	1.45	1.55
	100	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.05
	200	0.03	0.03	0.04	0.04	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09
	300	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.12	0.13	0.14
	400	0.06	0.07	0.07	0.09	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.15	0.15	0.16	0.17	0.18
	500	0.08	0.08	0.09	0.11	0.12	0.12	0.14	0.15	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.23
	600	0.09	0.10	0.11	0.13	0.14	0.15	0.17	0.18	0.18	0.19	0.20	0.22	0.23	0.24	0.26	0.28
	700	0.11	0.12	0.13	0.15	0.16	0.17	0.19	0.20	0.22	0.23	0.24	0.26	0.27	0.28	0.30	0.32
	800	0.12	0.14	0.15	0.17	0.18	0.20	0.22	0.23	0.25	0.26	0.27	0.30	0.31	0.32	0.34	0.37
	900	0.14	0.15	0.17	0.19	0.21	0.22	0.25	0.26	0.28	0.29	0.30	0.33	0.35	0.36	0.39	0.42
	1000	0.15	0.17	0.18	0.22	0.23	0.25	0.28	0.29	0.31	0.32	0.34	0.37	0.38	0.40	0.43	0.46
	1100	0.17	0.19	0.20	0.24	0.25	0.27	0.30	0.32	0.34	0.36	0.37	0.41	0.42	0.44	0.47	0.51
	1200	0.18	0.20	0.22	0.26	0.28	0.30	0.33	0.35	0.37	0.39	0.41	0.44	0.46	0.48	0.52	0.55
	1300	0.20	0.22	0.24	0.28	0.30	0.32	0.36	0.38	0.40	0.42	0.44	0.48	0.50	0.52	0.56	0.60
	1400	0.22	0.24	0.26	0.30	0.32	0.34	0.39	0.41	0.43	0.45	0.47	0.52	0.54	0.56	0.60	0.64
1500	0.23	0.25	0.28	0.32	0.35	0.37	0.42	0.44	0.46	0.48	0.51	0.55	0.58	0.60	0.64	0.69	
1600	0.25	0.27	0.30	0.34	0.37	0.39	0.44	0.47	0.49	0.52	0.54	0.59	0.61	0.64	0.69	0.74	
1700	0.26	0.29	0.31	0.37	0.39	0.42	0.47	0.50	0.52	0.55	0.57	0.63	0.65	0.68	0.73	0.78	
1800	0.28	0.30	0.33	0.39	0.42	0.44	0.50	0.53	0.55	0.58	0.61	0.66	0.69	0.72	0.77	0.83	
2000	0.31	0.34	0.37	0.43	0.46	0.49	0.55	0.58	0.61	0.64	0.67	0.74	0.77	0.80	0.86	0.92	
2200	0.34	0.37	0.41	0.47	0.51	0.54	0.61	0.64	0.67	0.71	0.74	0.81	0.84	0.87	0.94	1.01	
2400	0.37	0.41	0.44	0.52	0.55	0.59	0.66	0.70	0.74	0.77	0.81	0.88	0.92	0.95	1.02	1.09	
2600	0.40	0.44	0.48	0.56	0.60	0.64	0.72	0.76	0.80	0.83	0.87	0.95	0.99	1.03	1.11	1.18	
2800	0.43	0.47	0.52	0.60	0.64	0.69	0.77	0.81	0.86	0.90	0.94	1.02	1.06	1.11	1.19	1.27	
3000	0.46	0.51	0.55	0.64	0.69	0.74	0.83	0.87	0.92	0.96	1.01	1.09	1.14	1.18	1.27	1.36	
3200	0.49	0.54	0.59	0.69	0.73	0.78	0.88	0.93	0.98	1.02	1.07	1.16	1.21	1.26	1.35	1.44	
3400	0.52	0.57	0.63	0.73	0.78	0.83	0.93	0.98	1.03	1.09	1.14	1.24	1.28	1.33	1.43	1.53	
3600	0.55	0.61	0.66	0.77	0.83	0.88	0.99	1.04	1.09	1.15	1.20	1.30	1.36	1.41	1.51	1.61	
3800	0.58	0.64	0.70	0.81	0.87	0.93	1.04	1.10	1.15	1.21	1.26	1.37	1.43	1.48	1.59	1.70	
4000	0.61	0.67	0.73	0.86	0.92	0.98	1.09	1.15	1.21	1.27	1.33	1.44	1.50	1.56	1.67	1.78	
4200	0.64	0.71	0.77	0.90	0.96	1.02	1.15	1.21	1.27	1.33	1.39	1.51	1.57	1.63	1.75	1.86	
4400	0.67	0.74	0.81	0.94	1.00	1.07	1.20	1.26	1.33	1.39	1.45	1.58	1.64	1.70	1.82	1.94	
4600	0.70	0.77	0.84	0.98	1.05	1.12	1.25	1.32	1.39	1.45	1.52	1.65	1.71	1.77	1.90	2.02	
4800	0.74	0.81	0.88	1.02	1.09	1.16	1.30	1.37	1.44	1.51	1.58	1.71	1.78	1.84	1.97	2.10	
5000	0.77	0.84	0.92	1.06	1.14	1.21	1.36	1.43	1.50	1.57	1.64	1.78	1.85	1.91	2.04	2.17	
r/min	5500	-	-	-	-	1.25	1.33	1.49	1.56	1.64	1.72	1.79	1.94	2.01	2.08	2.22	2.36
	6000	-	-	-	-	1.36	1.44	1.61	1.70	1.78	1.86	1.94	2.10	2.17	2.25	2.39	2.53
	6500	-	-	-	-	1.46	1.56	1.74	1.83	1.91	2.00	2.08	2.25	2.33	2.40	2.56	2.70
	7000	-	-	-	-	1.57	1.67	1.86	1.95	2.04	2.13	2.22	2.39	2.48	2.56	2.71	2.85
	7500	-	-	-	-	1.67	1.78	1.98	2.08	2.17	2.27	2.36	2.53	2.62	2.70	2.85	3.00
	8000	-	-	-	-	-	-	2.10	2.20	2.30	2.39	2.49	2.67	2.75	2.83	2.99	3.13
	8500	-	-	-	-	-	-	2.21	2.31	2.42	2.52	2.61	2.79	2.88	2.96	3.11	3.25
	9000	-	-	-	-	-	-	2.32	2.43	2.53	2.63	2.73	2.91	3.00	3.08	3.22	3.35
	9500	-	-	-	-	-	-	2.43	2.54	2.64	2.75	2.84	3.02	3.11	3.18	3.32	3.44
	10000	-	-	-	-	-	-	2.53	2.64	2.75	2.85	2.95	3.13	3.21	3.28	3.41	3.51

带宽修正系数Kb

带宽(mm)	6.4	7.9	9.5	12.7	25.4
带宽修正系数	0.15	0.21	0.28	0.42	1.00

L标准传动容量表 带宽: 25.4mm 单位: KW (Standard Transmission Capacity) Unit: KW

	Z1	10	12	14	15	16	18	20	22	24	26	28	32	36	40	44	48
	d ₁ / mm	30.32	36.38	42.45	45.48	48.51	54.58	60.64	66.70	72.77	78.83	84.90	97.02	109.15	121.28	133.41	145.54
小带轮转速	725	0.28	0.34	0.39	0.42	0.45	0.50	0.56	0.62	0.67	0.73	0.78	0.89	1.00	1.11	1.22	1.33
	870	0.34	0.40	0.47	0.50	0.54	0.61	0.67	0.74	0.81	0.87	0.94	1.07	1.20	1.33	1.46	1.59
	950	0.37	0.44	0.51	0.55	0.59	0.66	0.73	0.81	0.88	0.95	1.02	1.17	1.31	1.45	1.59	1.73
	1160	0.45	0.54	0.63	0.67	0.72	0.81	0.89	0.98	1.07	1.16	1.25	1.42	1.59	1.76	1.93	2.09
	1425	0.55	0.66	0.77	0.82	0.88	0.99	1.10	1.20	1.31	1.42	1.52	1.73	1.94	2.14	2.33	2.53
	1750	0.68	0.81	0.94	1.01	1.08	1.21	1.34	1.47	1.60	1.73	1.85	2.10	2.34	2.58	2.81	3.03
	2850	-	1.31	1.52	1.63	1.73	1.94	2.14	2.33	2.53	2.71	2.90	3.24	3.56	3.85	4.10	4.32
	3450	-	-	1.83	1.95	2.07	2.31	2.55	2.77	2.99	3.20	3.40	3.76	4.08	4.34	4.54	4.67
	100	0.04	0.05	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.14	0.15	0.17	0.19
	200	0.08	0.09	0.11	0.12	0.12	0.14	0.15	0.17	0.19	0.20	0.22	0.25	0.28	0.31	0.34	0.37
	300	0.12	0.14	0.16	0.17	0.19	0.21	0.23	0.26	0.28	0.30	0.33	0.37	0.42	0.46	0.51	0.56
	400	0.15	0.19	0.22	0.23	0.25	0.28	0.31	0.34	0.37	0.40	0.43	0.49	0.56	0.62	0.68	0.74
	500	0.19	0.23	0.27	0.29	0.31	0.35	0.39	0.43	0.46	0.50	0.54	0.62	0.70	0.77	0.85	0.92
	600	0.23	0.28	0.33	0.35	0.37	0.42	0.46	0.51	0.56	0.60	0.65	0.74	0.83	0.92	1.02	1.11
	700	0.27	0.33	0.38	0.41	0.43	0.49	0.54	0.60	0.65	0.70	0.76	0.86	0.97	1.08	1.18	1.29
	800	0.31	0.37	0.43	0.46	0.49	0.56	0.62	0.68	0.74	0.80	0.86	0.99	1.11	1.23	1.35	1.47
	900	0.35	0.42	0.49	0.52	0.56	0.63	0.70	0.76	0.83	0.90	0.97	1.11	1.24	1.38	1.51	1.64
	1000	0.39	0.46	0.54	0.58	0.62	0.70	0.77	0.85	0.92	1.00	1.08	1.23	1.38	1.52	1.67	1.82
	Small pulley rotating r/min	1100	0.43	0.51	0.60	0.64	0.68	0.76	0.85	0.93	1.02	1.10	1.18	1.35	1.51	1.67	1.83
1200		0.46	0.56	0.65	0.70	0.74	0.83	0.92	1.02	1.11	1.20	1.29	1.47	1.64	1.82	1.99	2.16
1300		0.50	0.60	0.70	0.75	0.80	0.90	1.00	1.10	1.20	1.29	1.39	1.58	1.77	1.96	2.14	2.32
1400		0.54	0.65	0.76	0.81	0.86	0.97	1.08	1.18	1.29	1.39	1.50	1.70	1.90	2.10	2.30	2.49
1500		0.58	0.69	0.81	0.87	0.92	1.04	1.15	1.26	1.38	1.49	1.60	1.82	2.03	2.24	2.45	2.65
1600		0.62	0.74	0.86	0.92	0.99	1.11	1.23	1.35	1.47	1.58	1.70	1.93	2.16	2.38	2.59	2.80
1700		0.66	0.79	0.92	0.98	1.05	1.17	1.30	1.43	1.55	1.68	1.80	2.05	2.28	2.51	2.74	2.95
1800		0.70	0.83	0.97	1.04	1.11	1.24	1.38	1.51	1.64	1.77	1.90	2.16	2.41	2.65	2.88	3.10
1900		-	0.88	1.02	1.10	1.17	1.31	1.45	1.59	1.73	1.87	2.00	2.27	2.53	2.78	3.01	3.24
2000		-	0.92	1.08	1.15	1.23	1.38	1.52	1.67	1.82	1.96	2.10	2.38	2.65	2.90	3.15	3.38
2100		-	0.97	1.13	1.21	1.29	1.44	1.60	1.75	1.90	2.05	2.20	2.49	2.76	3.03	3.28	3.51
2200		-	1.02	1.18	1.26	1.35	1.51	1.67	1.83	1.99	2.14	2.30	2.59	2.88	3.15	3.40	3.64
2300		-	1.06	1.23	1.32	1.41	1.58	1.74	1.91	2.07	2.23	2.39	2.70	2.99	3.26	3.52	3.76
2400		-	1.11	1.29	1.38	1.47	1.64	1.82	1.99	2.16	2.32	2.49	2.80	3.10	3.38	3.64	3.88
2500		-	1.15	1.34	1.43	1.52	1.71	1.89	2.07	2.24	2.41	2.58	2.90	3.21	3.49	3.75	3.98
2600		-	1.20	1.39	1.49	1.58	1.77	1.96	2.14	2.32	2.50	2.67	3.00	3.31	3.60	3.86	4.09
2700		-	1.24	1.44	1.54	1.64	1.84	2.03	2.22	2.41	2.59	2.76	3.10	3.41	3.70	3.96	4.18
2800		-	1.29	1.50	1.60	1.70	1.90	2.10	2.30	2.49	2.67	2.85	3.19	3.51	3.80	4.05	4.27
r/min		2900	-	1.33	1.55	1.65	1.76	1.97	2.17	2.37	2.57	2.76	2.94	3.29	3.61	3.89	4.14
	3000	-	1.38	1.60	1.71	1.82	2.03	2.24	2.45	2.65	2.84	3.03	3.38	3.70	3.98	4.23	4.43
	3200	-	1.47	1.70	1.82	1.93	2.16	2.38	2.59	2.80	3.00	3.19	3.55	3.88	4.15	4.38	4.56
	3400	-	-	1.80	1.92	2.05	2.28	2.51	2.74	2.95	3.16	3.36	3.72	4.04	4.30	4.51	4.65
	3600	-	-	1.90	2.03	2.16	2.41	2.65	2.88	3.10	3.31	3.51	3.88	4.18	4.43	4.61	4.71
	3800	-	-	2.00	2.14	2.27	2.53	2.78	3.01	3.24	3.46	3.66	4.02	4.32	4.54	4.68	4.73
	4000	-	-	2.10	2.24	2.38	2.68	2.93	3.15	3.38	3.60	3.80	4.15	4.43	4.62	4.72	4.72
	4200	-	-	-	2.34	2.49	2.76	3.03	3.28	3.51	3.73	3.93	4.27	4.53	4.69	4.73	4.66
	4400	-	-	-	2.45	2.59	2.88	3.15	3.40	3.64	3.86	4.05	4.38	4.61	4.72	4.71	4.56
	4600	-	-	-	2.55	2.70	2.99	3.26	3.52	3.76	3.98	4.17	4.48	4.67	4.73	4.66	4.42
	5000	-	-	-	2.74	2.90	3.21	3.49	3.75	3.98	4.19	4.37	4.62	4.73	4.67	4.43	3.99
	5200	-	-	-	2.84	3.00	3.31	3.60	3.86	4.09	4.29	4.45	4.68	4.73	4.60	4.26	3.70
	5600	-	-	-	3.03	3.19	3.51	3.80	4.05	4.27	4.45	4.59	4.73	4.66	4.36	3.80	2.95
	6000	-	-	-	3.21	3.38	3.70	3.98	4.23	4.43	4.58	4.69	4.72	4.50	3.99	3.16	1.98

Standard Transmission Capacity Table

标准传动容量表

H标准传动容量表 带宽: 25.4mm 单位: KW

(Standard Transmission Capacity) Unit: KW

Z1	14	16	18	19	20	21	22	24	26	28	30	32	36	40	44	48
d ₁ / mm	56.60	64.68	72.76	76.81	80.85	84.89	88.93	97.02	105.10	113.19	121.27	129.36	145.53	161.7	177.87	194.04
小带轮转速 Small pulley rotating r/min	725	1.34	1.53	1.72	1.81	1.91	2.00	2.10	2.29	2.48	2.67	2.86	3.04	3.42	3.79	4.17
	870	1.60	1.83	2.06	2.17	2.29	2.40	2.51	2.74	2.97	3.19	3.42	3.64	4.09	4.54	4.98
	950	1.75	2.00	2.25	2.37	2.50	2.62	2.74	2.99	3.24	3.48	3.73	3.97	4.46	4.94	5.42
	1160	2.14	2.44	2.74	2.89	3.04	3.19	3.34	3.64	3.94	4.24	4.54	4.83	5.41	5.99	6.56
	1425	-	2.99	3.36	3.55	3.73	3.91	4.09	4.46	4.82	5.18	5.54	5.89	6.59	7.28	7.96
	1750	-	3.66	4.11	4.34	4.56	4.78	5.00	5.44	5.88	6.31	6.74	7.16	7.99	8.80	9.58
	2850	-	-	6.59	6.94	7.28	7.62	7.96	8.62	9.26	9.88	10.49	11.07	12.17	13.16	14.05
	3450	-	-	7.89	8.29	8.68	9.07	9.46	10.20	10.92	11.60	12.25	12.86	13.96	14.88	15.61
	100	0.18	0.21	0.24	0.25	0.26	0.28	0.29	0.32	0.34	0.37	0.40	0.42	0.47	0.53	0.58
	200	0.37	0.42	0.47	0.50	0.53	0.55	0.58	0.63	0.69	0.74	0.79	0.84	0.95	1.05	1.16
	300	0.55	0.63	0.71	0.75	0.79	0.83	0.87	0.95	1.03	1.11	1.19	1.26	1.42	1.58	1.74
	400	0.74	0.84	0.95	1.00	1.05	1.11	1.16	1.26	1.37	1.48	1.58	1.69	1.90	2.10	2.31
	500	0.92	1.05	1.19	1.25	1.32	1.38	1.45	1.58	1.71	1.84	1.97	2.10	2.37	2.63	2.89
	600	1.11	1.26	1.42	1.50	1.58	1.66	1.74	1.90	2.05	2.21	2.37	2.52	2.84	3.15	3.46
	700	1.29	1.48	1.66	1.75	1.84	1.93	2.03	2.21	2.39	2.58	2.76	2.94	3.30	3.66	4.02
	800	1.48	1.69	1.89	2.00	2.10	2.21	2.31	2.52	2.73	2.94	3.15	3.35	3.77	4.18	4.59
	900	1.66	1.90	2.13	2.25	2.37	2.48	2.60	2.84	3.07	3.30	3.54	3.77	4.25	4.69	5.14
	1000	1.84	2.10	2.37	2.50	2.63	2.76	2.89	3.15	3.41	3.66	3.92	4.18	4.69	5.19	5.69
	1100	2.03	2.31	2.60	2.74	2.89	3.03	3.17	3.46	3.74	4.02	4.31	4.59	5.14	5.69	6.24
	1200	2.21	2.52	2.84	2.99	3.15	3.30	3.46	3.77	4.08	4.38	4.69	4.99	5.59	6.19	6.78
	1300	-	2.73	3.07	3.24	3.41	3.57	3.74	4.08	4.41	4.74	5.07	5.39	6.04	6.68	7.31
	1400	-	2.94	3.30	3.48	3.66	3.84	4.02	4.38	4.74	5.09	5.44	5.79	6.48	7.16	7.83
	1500	-	3.15	3.54	3.73	3.92	4.11	4.31	4.69	5.07	5.44	5.82	6.19	6.92	7.64	8.34
	1600	-	3.35	3.77	3.97	4.18	4.38	4.59	4.99	5.39	5.79	6.19	6.58	7.35	8.11	8.84
	1700	-	3.56	4.00	4.22	4.43	4.65	4.87	5.29	5.72	6.14	6.56	6.97	7.78	8.57	9.34
	1800	-	3.77	4.23	4.46	4.69	4.92	5.14	5.59	6.04	6.48	6.92	7.35	8.20	9.02	9.82
	1900	-	3.97	4.46	4.70	4.94	5.18	5.42	5.89	6.36	6.83	7.28	7.73	8.62	9.47	10.29
	2000	-	4.18	4.69	4.94	5.19	5.44	5.69	6.19	6.68	7.16	7.64	8.11	9.02	9.90	10.74
	2100	-	-	4.92	5.18	5.44	5.71	5.97	6.48	6.99	7.50	7.99	8.48	9.42	10.33	11.19
	2200	-	-	5.14	5.42	5.69	5.97	6.24	6.78	7.31	7.83	8.34	8.84	9.82	10.74	11.62
	2300	-	-	5.37	5.66	5.94	6.23	6.51	7.07	7.62	8.16	8.68	9.20	10.20	11.15	12.04
	2400	-	-	5.59	5.89	6.19	6.48	6.78	7.35	7.92	8.48	9.02	9.56	10.58	11.54	12.44
	2500	-	-	5.82	6.13	6.44	6.74	7.04	7.64	8.22	8.80	9.36	9.90	10.95	11.93	12.83
	2600	-	-	6.04	6.36	6.68	6.99	7.31	7.92	8.52	9.11	9.69	10.24	11.31	12.30	13.20
	2700	-	-	6.26	6.59	6.92	7.25	7.57	8.20	8.82	9.42	10.01	10.58	11.66	12.65	13.55
	2800	-	-	6.48	6.83	7.16	7.50	7.83	8.48	9.11	9.73	10.33	10.91	12.00	13.00	13.89
	2900	-	-	6.70	7.06	7.40	7.75	8.09	8.75	9.40	10.03	10.64	11.23	12.33	13.33	14.21
	3000	-	-	6.92	7.28	7.64	7.99	8.34	9.02	9.69	10.33	10.95	11.54	12.65	13.64	14.51
	3200	-	-	7.35	7.73	8.11	8.48	8.84	9.56	10.24	10.91	11.54	12.15	13.26	14.23	15.05
	3400	-	-	7.78	8.18	8.57	8.96	9.34	10.08	10.79	11.47	12.11	12.72	13.83	14.76	15.50
	3600	-	-	-	-	9.02	9.42	9.82	10.58	11.31	12.00	12.65	13.26	14.34	15.22	15.88
	3800	-	-	-	-	9.47	9.88	10.29	11.07	11.81	12.51	13.16	13.77	14.81	15.61	16.15
	4000	-	-	-	-	9.90	10.33	10.74	11.54	12.30	13.00	13.64	14.23	15.22	15.93	16.33
	4400	-	-	-	-	10.74	11.19	11.62	12.44	13.20	13.89	14.51	15.05	15.88	16.33	16.38
	4800	-	-	-	-	11.54	12.00	12.44	13.26	14.01	14.66	15.22	15.68	16.28	16.39	15.97
	5000	-	-	-	-	11.93	12.39	12.83	13.64	14.37	15.00	15.52	15.93	16.38	16.28	15.58
	5400	-	-	-	-	12.65	13.11	13.55	14.34	15.02	15.58	16.00	16.28	16.37	15.77	-
	5600	-	-	-	-	13.00	13.46	13.89	14.66	15.31	15.81	16.17	16.37	16.25	15.36	-
	5800	-	-	-	-	13.33	13.78	14.21	14.95	15.56	16.01	16.30	16.41	16.05	14.84	-
	6000	-	-	-	-	13.64	14.09	14.51	15.22	15.78	16.17	16.38	16.39	15.77	-	-

带宽修正系数Kb

带宽(mm)	19.1	25.4	38.1	50.8	76.2
带宽修正系数	0.71	1.00	1.56	2.14	3.36

XH标准传动容量表 带宽: 25.4mm 单位: KW

(Standard Transmission Capacity) Unit: KW

	Z1	18	20	22	24	25	26	28	30	32	36	40						
	d ₁ / mm	127.34	141.49	155.64	169.79	176.86	183.94	198.09	212.2	226.38	254.68	282.98						
小带轮转速	480	2.71	3.01	3.30	3.60	3.75	3.89	4.19	4.48	4.77	5.35	5.93	-	-	-	-	-	
	510	2.87	3.19	3.51	3.82	3.98	4.13	4.44	4.75	5.06	5.68	6.28	-	-	-	-	-	
	575	3.24	3.59	3.95	4.30	4.47	4.65	5.00	5.34	5.69	6.37	7.04	-	-	-	-	-	
	690	3.88	4.30	4.72	5.14	5.34	5.55	5.96	6.37	6.77	7.57	8.35	-	-	-	-	-	
	725	4.07	4.51	4.95	5.39	5.61	5.82	6.25	6.68	7.10	7.93	8.73	-	-	-	-	-	
	870	4.86	5.39	5.91	6.42	6.68	6.93	7.43	7.93	8.41	9.36	10.28	-	-	-	-	-	
	1160	6.42	7.10	7.76	8.41	8.73	9.05	9.67	10.28	10.86	11.98	13.01	-	-	-	-	-	
	1425	-	8.60	9.37	10.12	10.49	10.85	11.54	12.21	12.84	13.99	14.99	-	-	-	-	-	
	1750	-	10.33	11.20	12.03	12.43	12.82	13.54	14.22	14.83	15.85	16.57	-	-	-	-	-	
	2850	-	-	-	-	16.44	16.67	16.85	17.04	16.98	16.65	15.14	12.36	-	-	-	-	-
	3450	-	-	-	-	17.04	16.95	16.76	16.08	14.97	-	-	-	-	-	-	-	-
	Small pulley rotating r/min	100	0.57	0.63	0.69	0.75	0.79	0.82	0.88	0.94	1.01	1.13	1.26	-	-	-	-	-
200		1.13	1.26	1.38	1.51	1.57	1.63	1.76	1.88	2.01	2.26	2.51	-	-	-	-	-	
300		1.70	1.88	2.07	2.26	2.35	2.45	2.63	2.82	3.00	3.38	3.75	-	-	-	-	-	
400		2.26	2.51	2.76	3.01	3.13	3.25	3.50	3.75	3.99	4.48	4.97	-	-	-	-	-	
500		2.82	3.13	3.44	3.75	3.90	4.05	4.36	4.66	4.97	5.57	6.16	-	-	-	-	-	
600		3.38	3.75	4.11	4.48	4.66	4.85	5.21	5.57	5.93	6.63	7.33	-	-	-	-	-	
700		3.93	4.36	4.79	5.21	5.42	5.63	6.04	6.46	6.87	7.67	8.46	-	-	-	-	-	
800		4.48	4.97	5.45	5.93	6.16	6.40	6.87	7.33	7.78	8.68	9.54	-	-	-	-	-	
900		5.03	5.57	6.10	6.63	6.90	7.16	7.67	8.18	8.68	9.65	10.58	-	-	-	-	-	
1000		5.57	6.16	6.75	7.33	7.61	7.90	8.46	9.01	9.54	10.58	11.56	-	-	-	-	-	
1100		6.10	6.75	7.39	8.01	8.32	8.62	9.22	9.81	10.38	11.47	12.49	-	-	-	-	-	
1200		-	7.33	8.01	8.68	9.01	9.33	9.97	10.58	11.18	12.31	13.34	-	-	-	-	-	
1300		-	7.90	8.62	9.33	9.68	10.02	10.68	11.32	11.94	13.09	14.12	-	-	-	-	-	
1400		-	8.46	9.22	9.97	10.33	10.68	11.37	12.03	12.66	13.82	14.83	-	-	-	-	-	
1500		-	9.01	9.81	10.58	10.96	11.32	12.03	12.71	13.34	14.49	15.44	-	-	-	-	-	
1600		-	9.54	10.38	11.18	11.56	11.94	12.66	13.34	13.97	15.08	15.97	-	-	-	-	-	
1700		-	10.07	10.93	11.75	12.15	12.53	13.26	13.94	14.56	15.61	16.40	-	-	-	-	-	
1800		-	-	11.47	12.31	12.71	13.09	13.82	14.49	15.08	16.06	16.72	-	-	-	-	-	
1900		-	-	11.99	12.84	13.24	13.62	14.34	14.99	15.56	16.44	16.94	-	-	-	-	-	
2000		-	-	12.49	13.34	13.74	14.12	14.83	15.44	15.97	16.72	17.04	-	-	-	-	-	
2100		-	-	12.97	13.82	14.22	14.59	15.27	15.85	16.32	16.92	17.02	-	-	-	-	-	
2200		-	-	13.42	14.27	14.66	15.02	15.67	16.20	16.61	17.03	16.87	-	-	-	-	-	
2300		-	-	13.86	14.69	15.07	15.42	16.02	16.49	16.82	17.04	16.58	-	-	-	-	-	
2400		-	-	14.27	15.08	15.44	15.77	16.32	16.72	16.97	16.94	16.16	-	-	-	-	-	
r/min	2500	-	-	-	15.44	15.78	16.09	16.58	16.90	17.04	16.74	15.59	-	-	-	-	-	
	2600	-	-	-	15.77	16.09	16.36	16.78	17.00	17.03	16.43	14.87	-	-	-	-	-	
	2700	-	-	-	16.06	16.35	16.59	16.92	17.05	16.94	16.01	-	-	-	-	-	-	
	2800	-	-	-	16.32	16.57	16.78	17.01	17.02	16.77	15.46	-	-	-	-	-	-	
	2900	-	-	-	16.54	16.76	16.91	17.05	16.92	16.51	14.79	-	-	-	-	-	-	
	3000	-	-	-	16.72	16.90	17.03	17.02	16.70	16.16	-	-	-	-	-	-	-	
	3200	-	-	-	16.97	17.04	17.03	16.77	16.16	-	-	-	-	-	-	-	-	
	3400	-	-	-	17.05	16.99	16.85	16.26	15.25	13.79	-	-	-	-	-	-	-	
	3600	-	-	-	16.94	16.74	16.43	15.46	13.99	-	-	-	-	-	-	-	-	
	3800	-	-	-	16.65	16.28	15.78	14.36	-	-	-	-	-	-	-	-	-	
	4000	-	-	-	16.16	15.59	14.87	-	-	-	-	-	-	-	-	-	-	
	4200	-	-	-	15.46	14.66	13.69	-	-	-	-	-	-	-	-	-	-	
4400	-	-	-	14.54	13.49	-	-	-	-	-	-	-	-	-	-	-		

标准传动容量表

Standard Transmission Capacity Table

XXH标准传动容量表 带宽: 25.4mm 单位: KW (Standard Transmission Capacity) Unit: KW

Z1		18	20	22	24	25	26	28	30	32	34	36	40																																				
d ₁ / mm		181.92	202.13	222.34	242.56	252.66	262.77	282.98	303.19	323.41	343.62	363.83	404.26																																				
小带轮转速	480	4.72	5.23	5.74	6.25	6.50	6.75	7.25	7.75	8.24	8.72	9.20	10.14																																				
	510	5.01	5.55	6.09	6.63	6.89	7.16	7.69	8.21	8.72	9.23	9.74	10.72																																				
	575	5.63	6.24	6.84	7.44	7.73	8.03	8.61	9.19	9.76	10.31	10.86	11.93																																				
	690	6.72	7.44	8.15	8.84	9.19	9.53	10.20	10.86	11.51	12.14	12.76	13.94																																				
	725	7.05	7.80	8.54	9.26	9.62	9.98	10.67	11.36	12.02	12.67	13.30	14.51																																				
	870	8.39	9.26	10.12	10.95	11.36	11.76	12.55	13.30	14.04	14.74	15.41	16.64																																				
	950	9.11	10.05	10.96	11.84	12.27	12.70	13.52	14.31	15.06	15.77	16.44	17.64																																				
	1160	10.95	12.02	13.05	14.04	14.51	14.96	15.83	16.64	17.38	18.05	18.64	19.59																																				
	1425	-	14.31	15.42	16.44	16.91	17.36	18.17	18.87	19.45	19.89	20.19	20.34																																				
	1750	-	16.71	17.79	18.70	19.09	19.43	19.96	20.27	20.36	20.20	19.78	18.09																																				
	2850	-	20.34	19.82	18.58	17.67	16.54	-	-	-	-	-	-																																				
	100	0.99	1.10	1.21	1.32	1.37	1.43	1.54	1.65	1.76	1.87	1.98	2.20																																				
	200	1.98	2.20	2.42	2.64	2.74	2.85	3.07	3.29	3.51	3.72	3.94	4.37																																				
	300	2.96	3.29	3.62	3.94	4.10	4.26	4.59	4.91	5.23	5.55	5.87	6.50																																				
	400	3.94	4.37	4.80	5.23	5.44	5.66	6.08	6.50	6.92	7.33	7.75	8.56																																				
	500	4.91	5.44	5.97	6.50	6.76	7.02	7.54	8.05	8.56	9.06	9.56	10.53																																				
	600	5.87	6.50	7.13	7.75	8.05	8.36	8.96	9.56	10.15	10.72	11.29	12.38																																				
	700	6.82	7.54	8.26	8.96	9.31	9.66	10.34	11.01	11.66	12.30	12.92	14.10																																				
	800	7.75	8.56	9.36	10.15	10.53	10.91	11.66	12.38	13.09	13.77	14.43	15.66																																				
900	8.66	9.56	10.43	11.29	11.70	12.11	12.92	13.69	14.43	15.13	15.80	17.03																																					
1000	9.56	10.53	11.47	12.38	12.83	13.26	14.10	14.90	15.66	16.37	17.03	18.20																																					
Small pulley rotating r/min	1100	10.43	11.47	12.47	13.43	13.90	14.35	15.21	16.02	16.77	17.47	18.09	19.14																																				
	1200	-	12.38	13.43	14.43	14.90	15.36	16.23	17.03	17.76	18.41	18.97	19.83																																				
	1300	-	13.26	14.35	15.36	15.84	16.30	17.16	17.93	18.61	19.18	19.65	20.24																																				
	1400	-	14.10	15.21	16.23	16.71	17.16	17.99	18.70	19.30	19.77	20.11	20.36																																				
	1500	-	14.90	16.02	17.03	17.50	17.93	18.70	19.34	19.83	20.17	20.34	20.15																																				
	1600	-	15.66	16.77	17.76	18.20	18.61	19.30	19.83	20.18	20.35	20.32	19.61																																				
	1700	-	16.37	17.47	18.41	18.82	19.18	19.77	20.17	20.35	20.31	20.03	18.69																																				
	1800	-	17.03	18.09	18.97	19.34	19.65	20.11	20.34	20.32	20.03	19.45	17.39																																				
	1900	-	17.64	18.65	19.45	19.76	20.01	20.31	20.34	20.07	19.49	18.58	-																																				
	2000	-	18.20	19.14	19.83	20.07	20.24	20.36	20.15	19.61	18.69	-	-																																				
	2100	-	18.70	19.55	20.11	20.27	20.35	20.25	19.78	18.91	17.61	-	-																																				
	2200	-	19.14	19.88	20.29	20.36	20.33	19.98	19.20	17.96	16.24	-	-																																				
	2300	-	19.52	20.13	20.36	20.32	20.17	19.53	18.40	16.76	-	-	-																																				
	2400	-	19.83	20.29	20.32	20.15	19.87	18.91	17.39	15.28	-	-	-																																				
	2500	-	20.07	20.36	20.15	19.85	19.41	18.09	-	-	-	-	-																																				
	2600	-	20.24	20.33	19.87	19.41	18.80	17.08	-	-	-	-	-																																				
	2800	-	20.36	19.98	18.91	18.09	17.08	14.44	-	-	-	-	-																																				
	3000	-	20.15	19.20	17.39	16.15	-	-	-	-	-	-	-																																				
	带宽修正系数		<table><tr><td>带宽(mm)</td><td>25.4</td><td>50.8</td><td>76.2</td><td>101.6</td><td>127</td><td>152.4</td><td>127</td><td>127</td><td>152.4</td><td>177.8</td><td>203.2</td><td>228.6</td><td>254</td><td>279.4</td><td>304.8</td></tr><tr><td>带宽修正系数</td><td>1.00</td><td>2.14</td><td>3.36</td><td>4.76</td><td>6.15</td><td>7.5</td><td>6.15</td><td>6.15</td><td>7.5</td><td>8.89</td><td>10.32</td><td>11.7</td><td>13.1</td><td>14.41</td><td>15.84</td></tr></table>																带宽(mm)	25.4	50.8	76.2	101.6	127	152.4	127	127	152.4	177.8	203.2	228.6	254	279.4	304.8	带宽修正系数	1.00	2.14	3.36	4.76	6.15	7.5	6.15	6.15	7.5	8.89	10.32	11.7	13.1	14.41
带宽(mm)	25.4	50.8	76.2	101.6	127	152.4	127	127	152.4	177.8	203.2	228.6	254	279.4	304.8																																		
带宽修正系数	1.00	2.14	3.36	4.76	6.15	7.5	6.15	6.15	7.5	8.89	10.32	11.7	13.1	14.41	15.84																																		
Kb																																																	

T5标准传动容量表 带宽: 10mm 单位: W (Standard Transmission Capacity) Unit: W

Z1		12	14	16	18	20	22	24	28	30							
d ₁ / mm		19.10	22.28	25.46	28.65	31.83	35.01	38.20	44.56	47.75							
小带轮转速	1160	98	115	131	148	164	180	197	230	246			-	-	-	-	-
	1750	134	157	179	201	224	246	268	313	336			-	-	-	-	-
	3500	222	259	296	333	371	408	445	519	556			-	-	-	-	-
	100	11	12	14	16	18	20	21	25	27			-	-	-	-	-
	200	21	24	28	31	35	38	42	49	52			-	-	-	-	-
	300	30	36	41	46	51	56	61	71	76			-	-	-	-	-
	400	40	46	53	60	66	73	79	93	121			-	-	-	-	-
	500	49	57	65	73	81	89	97	113	142			-	-	-	-	-
	600	57	66	76	85	95	104	114	133	163			-	-	-	-	-
	700	65	76	87	98	108	119	130	152	182			-	-	-	-	-
	800	73	85	97	109	121	134	146	170	201			-	-	-	-	-
	900	80	94	107	120	134	147	161	187	219			-	-	-	-	-
	1000	87	102	117	131	146	160	175	204	236			-	-	-	-	-
	1100	94	110	126	142	157	173	189	220	253			-	-	-	-	-
	1200	101	118	135	152	168	185	202	236	269			-	-	-	-	-
	1300	107	125	143	161	179	197	215	251	284			-	-	-	-	-
	1400	114	133	152	171	190	208	227	265	299			-	-	-	-	-
	1500	120	140	160	180	200	220	240	279	314			-	-	-	-	-
	1600	126	147	168	189	209	230	251	293	329			-	-	-	-	-
	1700	131	153	175	197	219	241	263	307	343			-	-	-	-	-
	1800	137	160	183	206	228	251	274	320	356			-	-	-	-	-
	1900	143	166	190	214	238	261	285	333	370			-	-	-	-	-
	2000	148	173	197	222	247	271	296	345	396			-	-	-	-	-
	2200	158	185	211	238	264	290	317	370	422			-	-	-	-	-
	2400	169	197	225	253	281	309	337	417	447			-	-	-	-	-
	2600	179	208	238	268	298	328	357	440	471			-	-	-	-	-
	2800	189	220	251	283	314	346	377	463	496			-	-	-	-	-
	3000	198	231	264	297	331	364	397	485	520			-	-	-	-	-
	3200	208	243	277	312	347	381	416	508	544			-	-	-	-	-
	3400	218	254	290	326	363	399	435	530	568			-	-	-	-	-
	3600	227	265	303	341	378	416	454	552	591			-	-	-	-	-
	3800	236	276	315	355	394	433	473	573	614			-	-	-	-	-
	4000	246	287	327	368	409	450	491	594	636			-	-	-	-	-
	4200	255	297	339	382	424	467	509	614	658			-	-	-	-	-
4400	263	307	351	395	439	483	527	634	699			-	-	-	-	-	
4600	272	317	362	407	453	512	543	652	717			-	-	-	-	-	
4800	279	326	373	419	466	526	559	669	753			-	-	-	-	-	
5000	287	335	382	430	478	532	573	703	772			-	-	-	-	-	
5500	-	-	402	452	502	566	603	720	764			-	-	-	-	-	
6000	-	-	412	463	515	561	617	713	722			-	-	-	-	-	
6500	-	-	408	459	510	529	612	673	632			-	-	-	-	-	
7000	-	-	385	433	481	464	577	590	484			-	-	-	-	-	
7500	-	-	337	379	421	355	506	451	262			-	-	-	-	-	
8000	-	-	-	290	322	192	387	244	-			-	-	-	-	-	
8500	-	-	-	157	175	-	210	-	-			-	-	-	-	-	
r/min	-	-	-	-	-	-	-	-	-			-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-			-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-			-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-			-	-	-	-	-	-

T10标准传动容量表 带宽: 10mm 单位: W (Standard Transmission Capacity) Unit: W

Z1		12	14	16	18	20	22	24	26	28	30	32	36	40	44	48	
d ₁ / mm		38.20	44.56	50.93	57.30	63.66	70.03	76.39	82.76	89.12	95.49	101.86	114.59	127.32	140.06	152.79	
小带轮转速 Small pulley rotating r/min	870	255	297	340	382	425	467	510	552	595	637	680	765	850	935	1020	-
	1160	321	375	428	482	535	589	643	696	750	803	857	964	1071	1178	1285	-
	1750	438	511	584	658	731	804	877	950	1023	1096	1169	1315	1461	1607	1753	-
	3500	-	847	968	1089	1210	1331	1452	1573	1694	1815	1936	2178	2420	2662	2904	-
	100	35	41	46	52	58	64	70	75	81	87	93	104	116	127	139	-
	200	68	79	91	102	113	125	136	147	158	170	181	204	226	249	272	-
	300	100	116	133	149	166	238	199	216	232	249	265	299	332	365	398	-
	400	130	151	173	195	216	291	259	281	303	324	346	389	432	476	519	-
	500	159	185	211	238	264	341	317	343	370	396	423	476	528	581	634	-
	600	186	217	248	279	310	390	372	403	434	465	496	558	620	682	744	-
	700	213	248	283	319	354	436	425	460	496	531	567	638	708	779	850	-
	800	238	278	317	357	396	481	476	515	555	595	634	714	793	872	951	-
	900	262	306	350	393	437	524	524	568	612	655	699	787	874	961	1049	-
	1000	286	333	381	428	476	565	571	619	666	714	762	857	952	1047	1142	-
	1100	308	359	411	462	514	605	616	668	719	770	822	924	1027	1130	1233	-
	1200	330	385	440	495	550	643	660	715	770	825	880	990	1100	1210	1320	-
	1300	351	409	468	526	585	681	702	760	819	877	936	1053	1170	1287	1404	-
	1400	371	433	495	557	619	717	743	805	866	928	990	1114	1238	1362	1485	-
	1500	391	456	521	587	652	752	782	847	913	978	1043	1173	1304	1434	1564	-
	1600	410	479	547	616	684	787	821	889	958	1026	1094	1231	1368	1505	1641	-
	1700	429	501	572	644	715	820	858	930	1001	1073	1144	1287	1430	1574	1717	-
	1800	447	522	597	671	746	853	895	970	1044	1119	1193	1342	1492	1641	1790	-
	1900	465	543	621	698	776	886	931	1008	1086	1164	1241	1396	1551	1707	1862	-
	2000	483	564	644	725	805	949	966	1047	1127	1208	1288	1449	1610	1771	1932	-
	2200	517	604	690	776	862	1010	1035	1121	1207	1293	1380	1552	1725	1897	2070	-
	2400	551	643	734	826	918	1070	1102	1193	1285	1377	1469	1652	1836	2020	2203	-
	2600	584	681	778	875	973	1129	1167	1264	1362	1459	1556	1751	1945	2140	2334	-
	2800	616	718	821	924	1026	1187	1232	1334	1437	1539	1642	1847	2053	2258	2463	-
	3000	-	756	863	971	1079	1245	1295	1403	1511	1619	1727	1943	2159	2375	2590	-
	3200	-	792	906	1019	1132	1302	1358	1471	1585	1698	1811	2037	2264	2490	2717	-
	3400	-	829	947	1066	1184	1359	1421	1539	1658	1776	1894	2131	2368	2605	2842	-
	3600	-	865	988	1112	1236	1415	1483	1606	1730	1853	1977	2224	2471	2718	2965	-
	3800	-	901	1029	1158	1287	1470	1544	1673	1801	1930	2058	2316	2573	2830	3088	-
	4000	-	-	1069	1203	1337	1524	1604	1738	1871	2005	2139	2406	2673	2941	3208	-
	4200	-	-	1108	1247	1386	1576	1663	1801	1940	2078	2217	2494	2771	3048	3325	-
	4400	-	-	1146	1290	1433	1626	1720	1863	2006	2149	2293	2579	2866	3152	3439	-
	4600	-	-	1183	1330	1478	1673	1774	1922	2070	2217	2365	2661	2957	3252	3548	-
	4800	-	-	1217	1369	1521	1717	1825	1977	2129	2282	2434	2738	3042	3346	3650	-
	5000	-	-	1248	1404	1560	1756	1873	2029	2185	2341	2497	2809	3121	3433	3745	-
	5200	-	-	1277	1436	1596	1789	1915	2075	2234	2394	2554	2873	3192	3511	3830	-
	5400	-	-	1301	1464	1627	1817	1952	2115	2277	2440	2603	2928	3253	3579	3904	-
	5600	-	-	1321	1486	1652	1837	1982	2147	2312	2477	2643	2973	3303	3633	3964	-
	5800	-	-	1336	1503	1670	1848	2004	2171	2338	2505	2672	3006	3340	3674	4007	-
	6000	-	-	1344	1512	1680		2016	2184	2352	2520	2688	3024	3360	3696	4032	-
																	-
																	-
																	-
																	-
																	-
																	-

耐用时间减少; Reduced durability time *上述未记载的转速按比例计算 Unrecorded rotational speed prorated
机带线速度大于33m/sec The line speed of the machine belt is greater than 33m/ SEC

带宽修正系数 Kb	带宽(mm)	10	15	20	25	30	40	50
	带宽修正系数	1.00	1.6	2.3	2.9	3.50	4.6	5.8

1、带传动的正确安装

- (1) 关掉电源，卸下防护罩，旋松马达的装配螺栓，移动马达使皮带足够松弛，不需撬开就能取下皮带，千万不要把皮带撬下来。
- (2) 取下旧皮带，检查是否有异常磨损。过度的磨损可能就意味着传动装置在设计或保养上存在问题。
- (3) 选择合适的皮带替换。
- (4) 清洁皮带及皮带轮，应将抹布沾少许不易挥发的液体擦拭，在清洁剂中浸泡或是使用清洁剂刷洗皮带均是不可取的；为除去油污及污垢，用砂纸擦或尖锐的物体刮，显然也是不可取的。皮带在安装使用前必须保持干燥。
- (5) 检查皮带轮是否有异常磨损或裂纹，如果磨损过量，则必须更换带轮。
- (6) 检查带轮是否成直线对称。皮带轮成直线对称于传动带特别是同步带传动装置的运转是至关重要的。（见图1）

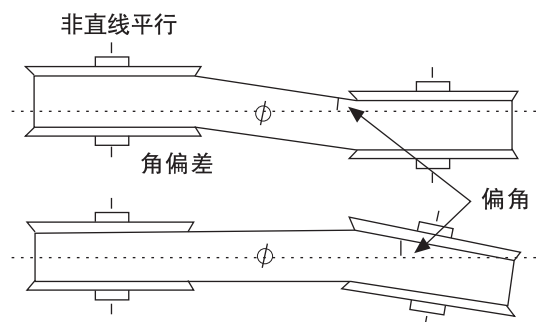


图1 皮带轮不对称图示

- (7) 检查其余的传动装置部件，如轴承和轴套的对称，耐用性及润滑情况等。
- (8) 在皮带轮上安装新的皮带，绝不要撬或用力过猛。
- (9) 调紧传动装置的中心距，直到张力测量仪测出皮带张力适当为止。用手转几圈主动轮。重测张力。
- (10) 拧紧马达的装配螺栓，纠正扭矩，由于传动装置在运作时中心距的任何变化都会导致皮带性能不良，故务必要确保所有传动装置部件均已拧紧。
- (11) 起动装置并观察皮带性能，察看是否有异常振动，细听是否有异常噪音。最好是关掉机器，检查轴承及马达的状况；若是摸上去觉得太热，可能是皮带太紧，或是轴承不对称，或润滑不正确。

2、带和带轮的维护

- (1) 传动带不应折扭和急剧弯曲，同步带的最小弯曲直径D图2、表2；
- (2) 在储存和运输过程中，避免阳光直射、雨雪浸淋；防止与酸、碱、有机溶剂、水蒸气等影响产品性能的物质接触；
- (3) 在常温下储存，一般温度为-20℃~50℃；并距热源至少一米以外。
- (4) 储存期间要防止承受过大的重量而变形，不得折压堆放，不得将带直接放到地上，应将带悬挂在架子上或平整地放在货架上。
- (5) 带轮成品应在干燥和通风的环境中储存和运输，带轮成品应进行防锈处理；
- (6) 带传动装置应加防护罩，并保证通风和排污。

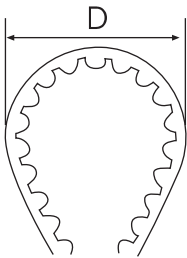


图2 同步带的最小弯曲直径

Figure The minimum Crimp diamter of timing

表2 同步带的最小弯曲直径

带 型 Type	允许最小弯曲直径 D(mm) minimum crimp diameter allowed
MXL、XXL、T2.5	15
XL、T5、AT5	15
L、T10、AT10	20
H	40
XH、T20、AT20	70
XXH	100
3M、S2M、S3M、P3M	15
5M、S4.5M、S5M、P5M	25
8M、S8M、P8M	40
14M、S14M、P14M	80

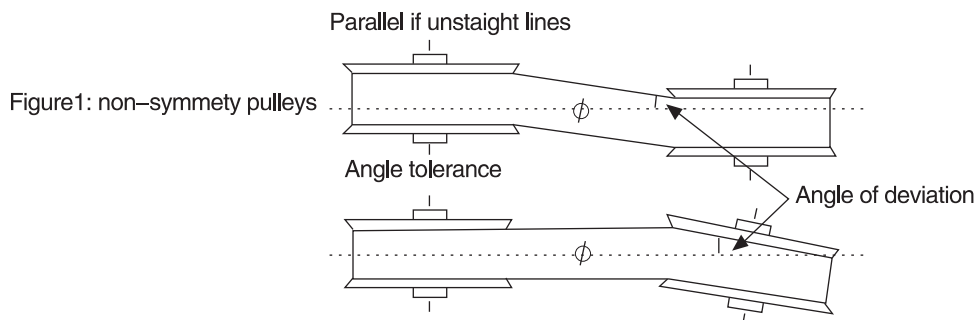
3、同步带失效的原因及其对策和防止措施

失效模式	原因	纠正措施
1、带断裂	1、过载； 2、从动轮惯性过大； 3、带轮直径过小； 4、预紧力过小； 5、带折扭，操作不良； 6、过大的冲击载荷 7、带爬上挡圈； 8、碎片或外来物体带入传动装置内	1、检查设计，选择正确带宽； 2、选择正确的带轮； 3、重新设计传动啮合齿数； 4、调整合适的预紧力； 5、储存运输安装细心操作； 6、防止意外故障，变更设计； 7、调整轴平行度，检查档圈； 8、清理污物和检查防护挡板。

失效模式	原因	纠正措施
2、带边过度磨损	1、带轮不平行； 2、轴承部位刚度不够； 3、挡圈弯曲； 4、挡圈表面粗糙； 5、带碰触传动装置的防护挡板或支架	1、调整平行度； 2、增加刚度，确实固定； 3、修正或更换挡圈； 4、修正或更换挡圈； 5、检查防护挡板或支架
3、带齿过度磨损	1、过载； 2、预紧力过大； 3、轮齿表面粗糙； 4、带轮严重径向跳动； 5、粉尘或沙粒； 6、剧烈振动； 7、过多污物落入传动装置内。	1、检查设计、选择正确带宽； 2、调整合适的预紧力； 3、检查、调整表面粗糙度； 4、检查、调整径向圆跳动； 5、避免杂物混入； 6、调整结构或使用减振装置； 7、清理污物。
4、带齿剪断	1、过载或过大冲击载荷 2、啮合齿数不够小于6个齿啮合或带齿数是轮齿数的倍数； 3、预紧力过小； 4、带轮直径过小； 5、环境温度过高或油等到其它杂物混入； 6、受到意外事故停转，负荷突然增大。	1、检查设计； 2、检查设计，使带齿数为奇数； 3、调整预紧力； 4、增大带轮直径； 5、改变环境温度，使用防护罩； 6、检查设备，防止再次发生意外事故。
5、带纵裂	1、带跑出带轮； 2、带跑偏到挡圈上； 3、安装时带切在挡圈上。	1、调整平行度； 2、调整平行度，检查挡圈； 3、安装时注意。
6、带伸长	1、轴承未可靠固定，运行时中心距变小； 2、带抗拉层松动； 3、张紧轮松动； 4、带轮磨损； 5、过载。	1、安装时注意或设计时改进结构； 2、更换带； 3、检查张紧轮，安装时注意； 4、更换带轮； 5、检查设计，改变带宽。
7、带背面裂纹或带变软	1、环境温度过高。	1、改变环境温度。
8、运行噪音过大	1、过载； 2、预紧力过大； 3、带轮不平行； 4、带轮直径比带宽小； 5、带和带轮啮合不良。	1、检查设计； 2、调整预紧力； 3、调整平行度，安装时校准； 4、检查设计； 5、检查带和带轮

1、The Correct Installation of Belt

- (1) Switch off the power, remove the protective cap. Loosen the assembly bolt, move the motor to make the belt loose, you can take off the belt without prying, prying the belt off is not allowed.
- (2) Take off the old belt, then check if there is any abnormal wear and tear. Excessive wear and tear may indicate there are some problems with the design or maintenance of the gearing.
- (3) Choose the proper belt for changing.
- (4) Clean the belt and the pulley, use a cloth with some liquid which can't volatilize easily to wipe, Soaking in the cleaning formulation or brush the belt with cleaning formulation are not good; use the sand paper of sharp subject to scratch are not proper. The belt must be dry before using.
- (5) Check the pulley if there is any abnormal wear and tear or crack, if the wear and tear is excessive, then the pulley must be changed.
- (6) Check the pulley to see if it is symmetrical of straight line, this is very important for the performance of the transmission, especially for the timing belt gearing.



- (7) Check the rest parts of the gearing, for example, the symmetry of the bearing and the bearing boot, durability and lubrication, etc.
- (8) When installing a new belt on the pulley, prying or using too much force is not allowed,
- (9) Adjust and tighten the central distance of the gearing, until the tension is peoper measured by the tension gauge, Use hand to roate the driving pulley for several rounds and measures the tension again.
- (10) Tighten the assembly bolt of the motor, correct the torque, because any change of the central distance will cause the bad property of the belt, Make sure all the gearing are tightened..
- (11) Switch the gearing on and observe the property if the belt if there is any unusual vibration, Listen carefully to see if there are any unusual noises, You'd better turn off the machine, then check the condition of bearing and motor, if the temperature is very high, maybe because the belt is too tight or the bearing is not symmetrical, or the lubricaiton is not correct.

2. The maintenance of the belt and the pulley.

- (1) The belt can't be crimped and bend sharply, the minimum bending diameter:see the Figure 2
- (2) During the process of the storage and transportation, Keep the belt and the pulley out of direct sunlight, not get wet from rain and snow, prevent it from touching the acid, alkali, organic solvent and steam etc, which can influence property of the belt.
- (3) Storage under the usual temperature, from $-20^{\circ}\text{C} \sim 50^{\circ}\text{C}$, and keep it away from heat source at lest 1 meter.
- (4) During the storage, it can't be piled up, for the weight might cause the change of the shape, and it can't be placed on the ground directly, it should be handed on the shelf or put on the shelf.
- (5) The finished pulley should be stored and transported under a dry and ventilated environment, and the anti-rust processing is also needed.
- (6) The belt gearing should have a protective cap, and the discharge of the pollution and ventilation must be assured.

How to install a synchronous belt

The reasons, resolutions and preventive measures of belt failure,
The reasons and corrective measures

The mode of failure	reasons	Corrective measures
Belt crack	1. Overload 2. The inertia of the driven pulley is too much. 3. The diameter of the pulley is too small. 4. The initial tension is too much. 5. Folding and twisting of the belt for improper operation. 6. The shock load is too much. 7. The belt climbs to the protective ring. 8. Broken pieces or foreign matters fall into the gearing	1. Check the design, choose the correct belt width. 2. Choose the correct pulley. 3. Redesign numbers of the meshing teeth. 4. Adjust the proper initial tension. 5. Careful operation when storing and transporting. 6. Prevent unexpected accident from happening, change the design. 7. Adjust the parallelism of the axis, check the protective ring. 8. Clean the pollutant and check the protective fender.
Excessive wear and tear of the belt sides	1. Pulleys are not parallel. 2. The rigidity of the bearing is not enough. 3. The bend of the protective ring. 4. The rough surface of the protective ring. 5. The belt touches of protective fender or stand of the gearing	1. Adjust the parallelism 2. Strengthen the rigidity and make it fixed. 3. Correct or change the protective ring. 4. Check the protective fender or stand.
Excessive wear and tear of the belt teeth	1. Overload. 2. Too much initial tension. 3. The rough surface of the teeth. 4. Severe vertical jump of the pulley. 5. Dust or pieces of sand. 6. Violent vibration. 7. Too much pollutant fall into the gearing	1. Check the design, choose proper belt width. 2. Adjust to proper initial tension. 3. Check and adjust the roughness of the surface 4. Check and adjust the vertical jump. 5. Avoid other things enter. 6. Adjust the structure of use devices to reduce the vibration. 7. Clear pollutant.
Teeth cutting	1. Overload or the shock load is too much. 2. The meshing teeth are not enough less than 6 meshing teeth or the numbers of belt teeth is the multiple of the pulley teeth. 3. The initial tension is not enough. 4. The diameter of the pulley is too small. 5. The environmental temperature is too high or oil and other things get in. 6. It stops running because of unexpected accident. The load become more suddenly.	1. Check the design 2. Check the design, and make the number of the teeth be an odd. 3. Adjust the initial tension. 4. Enlarge the diameter of the pulley. 5. Change the environment temperature and use a protective cap. 6. Check the devices, prevent the accident from happening.
Vertical crack of belt	1. Belt runs out of the pulley. 2. Belt runs to the protective ring. 3. When installing, the belt cracked by the protective ring	1. Adjust the parallelism/ 2. Adjust the parallelism and check the protective ring. 3. Careful installation.
Belt stretch	1. The bearing is not fixed well, then the central distance reduced when it works. 2. The tensile members are loose. 3. Tensioning pulley gets loose. 4. Pulley wears. 5. Overload.	1. Careful installation or improve the structure when designing. 2. Change the belt. 3. Check the tensioning pulley carefully at installation. 4. Change the pulley. 5. Check the design, change the belt width.
Crack of the belt back or of the belt becomes soft	The environmental temperature is too high	Change the environmental temperature
Too much running noises	1. Overload. 2. The initial tension is too high. 3. The pulleys are not parallel. 4. The diameter of the pulley is less than the belt width. 5. Belt can't mesh with the belt teeth.	1. Change the design. 2. Adjust the initial tension. 3. Adjust the parallelism, make it accurate when installing. 4. Check the design. 5. Check the belt and the pulley