



TIMING BELT PULLEYS AND SPROCKETS



Performance Advantages

Maurey Timing Belt Drives provide a reliable, economical and trouble-free alternative to transmit power and reduce drive weight and cost when compared to chain drives and other types of belt drives.

Wide Range of Load Capacities

Maurey Timing Belt Drives are designed for high capacity performance exceeding the traditional limitations of chain and belt drives. The load capacity varies from fractional horsepower to more than 600 H.P.

Alterations

Maurey will customize your Timing Belt component needs to suit the application in which it is used. See list price book or consult factory for various alteration charges.

- Rebore Minimum Plain Bore
- Add Keyway
- Add Set Screw

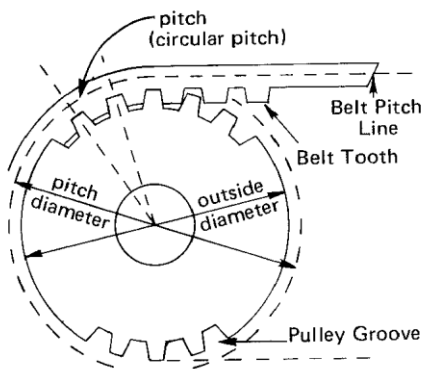
Contact Maurey Customer Service for quantity breaks for alterations.

Space Saving Design

When compared to other belt systems, Maurey Timing Belt Drives permit a narrower drive, reducing the cost of the drive by cutting component costs.

POSITIVE DRIVE PULLEYS

Maurey Positive Drive Pulleys are made in five stock pitches to conform with the five stock pitches of belts. They are available in a wide range of stock widths and diameters. On the belt, pitch is the distance between the tooth centers on the pitch line of the belt. On the pulley, pitch is the distance between groove centers and is measured on the pulley pitch circle.



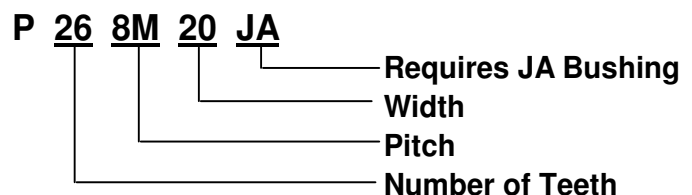
HIGH TORQUE DRIVE SPROCKETS

Available For Belts 8mm and 14mm in Pitch

Engineered for Durability

High Torque Sprocket Drives are designed to minimize interference between the belt and sprocket during mesh, providing greater horsepower without slippage or speed variation. By designing belt teeth to disperse critical stresses, belt performance is improved, assuring longer belt life.

Part Number Description





7/8" pitch (XH) stock pulley dimensions positive drive pulleys

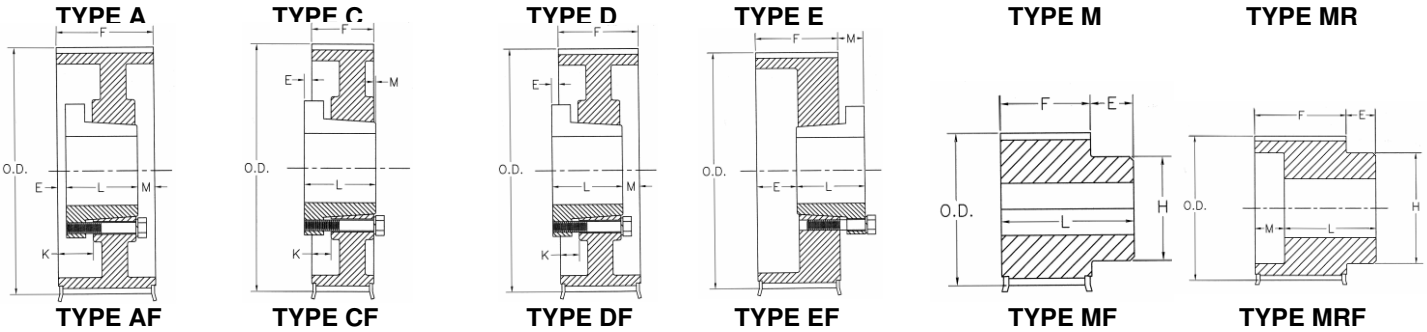


Figure Following Letter in Column Headed "TYPE" in Table Below Indicates Sheave Construction
1 - Solid, No Web. 2 - Web. 3 - Arms "F" Indicates Flanged Pulley

FOR BELTS 2 INCH WIDE • 7/8 INCH PITCH (XH200)

Part Number	Number of Grooves	Pitch Diameter	Outside Diameter		Bush	Type	Dimensions, Inches						Bore Range		Weight Lbs □ (Approx.)	
			Pulley	Flange			E	L	M	K	H	F	Min	Max *		
18XH200MPB	18	5.013	4.903	5-1/2	*	M1F	7/8	3-7/16				3-11/16	2-9/16	1	2-5/8	9
18XH200QD	18	5.013	4.903	5-1/2	SKr	E1F	1-5/16	1-7/8	5/8			4-1/8	2-9/16	1/2	2-1/2	9
20XH200MPB	20	5.570	5.460	6-1/8	*	M1F	1	3-9/16					2-9/16	1	3-1/4	10
20XH200QD	20	5.570	5.460	6-1/8	SK	A1F	1/32	1-7/8	21/32	21/32			2-9/16	1/2	2-1/2	10
22XH200QD	22	6.127	6.017	6-21/32	SK	A1F	1/32	1-7/8	21/32	21/32			2-9/16	1/2	2-1/2	13
24XH200QD	24	6.685	6.575	7-7/32	SF	A1F	1/32	2	17/32	21/32			2-9/16	1/2	2-3/4	15
26XH200QD	26	7.241	7.131	7-25/32	SF	A1F	1/32	2	17/32	21/32			2-9/16	1/2	2-3/4	18
28XH200QD	28	7.799	7.689	8-11/32	E	D1F	13/32	2-5/8	11/32	15/32			2-9/16	7/8	3-7/16	24
30XH200QD	30	8.356	8.246	8.91	E	D1F	7/16	2-5/8	3/8	15/32			2-9/16	7/8	3-7/16	28
32XH200QD	32	8.913	8.803	9-7/16	E	D1F	13/32	2-5/8	11/32	15/32			2-9/16	7/8	3-7/16	31
36XH200QD	36	10.027	9.917	10.62	E	D2F	7/16	2-5/8	3/8	15/32			2-9/16	7/8	3-7/16	33
40XH200QD	40	11.141	11.031	11.71	F	C2F	1-1/32	3-5/8	1-3/2	1/32			2-9/16	1	3-15/16	51
48XH200QD	48	13.369	13.259		F	C2	1-1/32	3-5/8	1/32	1/32			2-9/16	1	3-15/16	58
60XH200QD	60	16.711	16.601		F	C3	1-1/32	3-5/8	1/32	1/32			2-9/16	1	3-15/16	59
72XH200QD	72	20.054	19.944		F	C3	1-1/32	3-5/8	1/32	1/32			2-9/16	1	3-15/16	70
84XH200QD	84	23.396	23.286		F	C3	1-1/32	3-5/8	1/32	1/32			2-9/16	1	3-13/16	79
96XH200QD	96	26.738	26.628		F	C3	1-1/32	3-5/8	1/32	1/32			2-9/16	1	3-13/16	94
120XH200QD	120	33.423	33.313		F	C3	1-1/32	3-5/8	1/32	1/32			2-9/16	1	3-13/16	118

FOR BELTS 3 INCH WIDE • 7/8 INCH PITCH (XH300)

Part Number	Number of Grooves	Pitch Diameter	Outside Diameter		Bush	Type	Dimensions, Inches						Bore Range		Weight Lbs □ (Approx.)	
			Pulley	Flange			E	L	M	K	H	F	Min	Max *		
18XH300MPB	18	5.013	4.903	5-1/2	*	MRF	7/8	3-3/4	3/4			3-11/16	3-5/8	1	2-5/8	11
18XH300QD	18	5.013	4.903	5.56	SK	E1F	2-15/32	1-7/8	23/32			4-1/8	3-5/8	1/2	2-1/2	11
20XH300MPB	20	5.570	5.460	6-1/8	*	MRF	7/8	3-3/4	3/4			4-1/8	3-5/8	1	3-1/4	12
20XH300QD	20	5.570	5.460	6-1/8	SK	A1F	9/16	1-7/8	1-3/16	1-3/16			3-5/8	1/2	2-1/2	12
22XH300QD	22	6.127	6.017	6.66	SK	A1F	15/32	1-7/8	1-9/32	1-3/16			3-5/8	1/2	2-1/2	16
24XH300QD	24	6.685	6.575	7.22	SF	A1F	1/2	2	1-1/8	1-3/16			3-5/8	1/2	2-3/4	19
26XH300QD	26	7.241	7.131	7-25/32	SF	A1F	9/16	2	1-1/16	1-3/16			3-5/8	1/2	2-3/4	22
28XH300QD	28	7.799	7.689	8-11/32	E	A1F	1/8	2-5/8	7/8	1			3-5/8	7/8	3-7/16	27
30XH300QD	30	8.356	8.246	8-29/32	E	A1F	1/8	2-5/8	7/8	1			3-5/8	7/8	3-7/16	33
32XH300QD	32	8.913	8.803	9.44	E	A1F	3/32	2-5/8	29/32	1			3-5/8	7/8	3-7/16	36
40XH300QD	40	11.141	11.031	11.71	F	D2F	1/2	3-5/8	1/2	9/16			3-5/8	1	3-15/16	63
48XH300QD	48	13.369	13.259		F	D2	1/2	3-5/8	1/2	9/16			3-5/8	1	3-15/16	65
60XH300QD	60	16.711	16.601		F	D3	1/2	3-5/8	1/2	9/16			3-5/8	1	3-15/16	70
72XH300QD	72	20.054	19.944		J	D3	1-1/32	4-1/2	5/32	7/32			3-5/8	1-7/16	4-7/16	95
84XH300QD	84	23.369	23.286		J	D3	1-1/32	4-1/2	5/32	7/32			3-5/8	1-7/16	4-7/16	108
96XH300QD	96	26.738	26.628		J	D3	1-1/32	4-1/2	5/32	7/32			3-5/8	1-7/16	4-7/16	122
120XH300QD	120	33.423	33.313		J	D3	1-1/32	4-1/2	5/32	7/32			3-5/8	1-7/16	4-7/16	158

FOR BELTS 4 INCH WIDE • 7/8 INCH PITCH (XH400)

Part Number	Number of Grooves	Pitch Diameter	Outside Diameter		Bush	Type	Dimensions, Inches						Bore Range		Weight Lbs □ (Approx.)	
			Pulley	Flange			E	L	M	K	H	F	Min	Max *		
18XH400MPB	18	5.013	4.903	4.903	*	MRF	7/8	4	1-9/16			3-11/16	4-11/16	1	2-5/8	19
20XH400QD	20	5.570	5.460	5.460	SK	A1F	15/32	1-7/8	2-11/32	1-3/16			4-11/16	1/2	2-1/2	15
22XH400QD	22	6.127	6.017	6.017	SK	A1F	15/32	1-7/8	2-11/32	1-3/16			4-11/16	1/2	2-1/2	19
24XH400QD	24	6.685	6.575	6.575	SF	A1F	1/2	2	2-3/16	1-3/16			4-11/16	1/2	2-3/4	22
26XH400QD	26	7.241	7.131	7.131	SF	A1F	1/2	2	2-3/16	1-3/16			4-11/16	1/2	2-3/4	26
28XH400QD	28	7.799	7.689	7.689	E	A1F	5/8	2-5/8	1-7/16	1-17/32			4-11/16	7/8	3-7/16	31
30XH400QD	30	8.356	8.246	8.246	E	A1F	5/8	2-5/8	1-7/16	1-17/32			4-11/16	7/8	3-7/16	37
32XH400QD	32	8.913	8.803	8.803	E	A1F	5/8	2-5/8	1-7/16	1-17/32			4-11/16	7/8	3-7/16	42
40XH400QD	40	11.141	11.031	11.71	F	A1F	1/32	3-5/8	1-1/32	1-3/32			4-11/16	1	3-15/16	68
48XH400QD	48	13.369	13.259		J	D2	1/2	4-1/2	11/16	3/4			4-11/16	1-7/16	4-7/16	85
60XH400QD	60	16.711	16.601		J	D3	1/2	4-1/2	11/16	3/4			4-11/16	1-7/16	4-7/16	94
72XH400QD	72	20.054	19.944		J	D3	1/2	4-1/2	11/16	3/4			4-11/16	1-7/16	4-7/16	109
84XH400QD	84	23.396	23.286		J	D3	1/2	4-1/2	11/16	3/4			4-11/16	1-7/16	4-7/16	123
96XH400QD	96	26.738	26.628		J	D3	1/2	4-1/2	11/16	3/4			4-11/16	1-7/16	4-7/16	146
120XH400QD	120	33.423	33.313		J	D3	1/2	4-1/2	11/16	3/4			4-11/16	1-7/16	4-7/16	181

*Bored to suit construction (Type M) minimum plain bore only carried in stock

□ Weight shown is for pulley with bushing

* Maximum bore without keyway