



POSITIVE DRIVE PULLEYS

Smooth, slip-proof power transmission

Maurey Positive Drives combine the grip of gear and chain plus the flexibility of belts.

Wide range of speed and horsepower

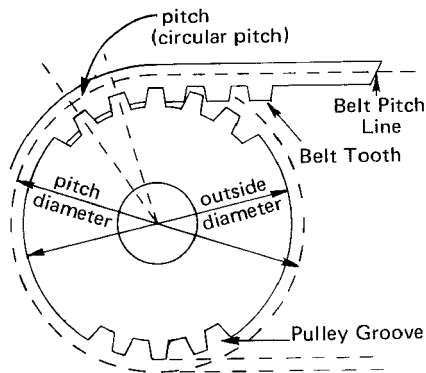
On drives from fractional horsepower to 600 horsepower and more, Maurey Positive Drives excel. Belt speed ranges from 100 fpm to 10,000.

High Horsepower in compact size.

Load carrying fiberglass cables combine enormous tensile strength, high flex life and resistance to elongation. Results? High horsepower-to-weight and h.p.-to-size ratio.

Low cost power transmission

Maurey Positive Drive does not rely on friction. Therefore, high initial belt tension is not needed. Thus minimum bearing load all the time and low heat build up while the drive runs.



Positive Drive Pulleys

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

Alterations

Maurey will customize your Positive Drive needs to suit the application in which it is used. See list prices for below for various alteration charges

Rebore Minimum Plain Bore - List Price \$40.00

Keyway - List Price \$9.00

Set Screw - List Price \$9.00

Contact Maurey Customer Service for quantity breaks for alterations

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

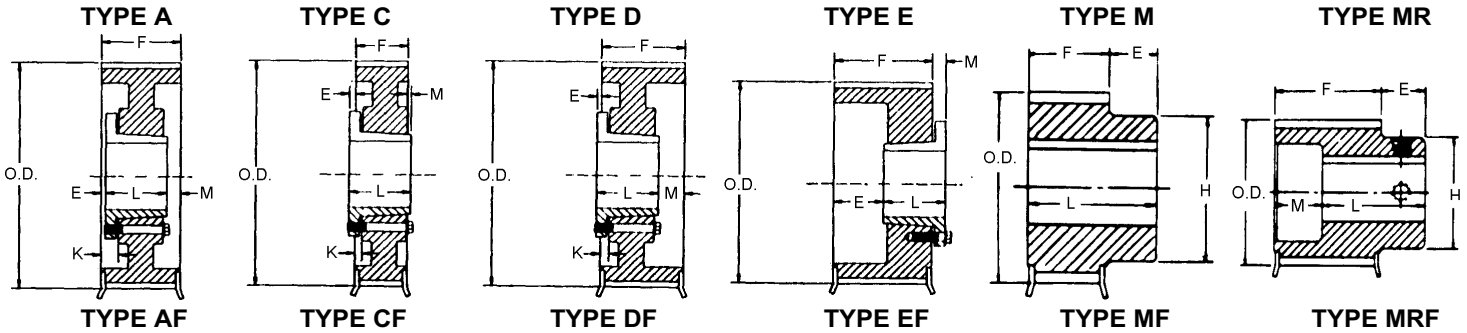


Figure Following Letter in Column Headed "TYPE" in Table Below Indicates Sheave Construction
1 - Solid, No Web. 2 - Web. 3 - Arms "F" Indicates Flanged Pulley

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

Part Number	List** Price	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	\$ 165.10	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	\$ 159.60	18	5.013	4.903	5-1/2	SKr	E1F	1-5/16	1-7/8	5/8				2-9/16	1/2	2-1/2	9
20XH200MPB	\$ 184.60	20	5.570	5.460	6-1/8	*	M1F	1	3-9/16				4-1/8	2-9/16	1	3-1/4	10
20XH200QD	\$ 167.20	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	\$ 175.60	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	\$ 183.20	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	\$ 196.80	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	\$ 216.00	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	\$ 234.00	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	\$ 246.80	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	\$ 282.00	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	\$ 316.00	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	\$ 348.00	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	\$ 450.00	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	\$ 551.60	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	\$ 653.60	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	\$ 754.00	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	\$ 950.00	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	List** Price	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	\$ 193.20	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	\$ 170.80	18	5.013	4.903	5.56	SK	E1F	2-15/32	1-7/8	23/32				3-5/8	1/2	2-1/2	11
20XH300MPB	\$ 216.10	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	\$ 192.20	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	\$ 215.20	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	\$ 234.80	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	\$ 253.20	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	\$ 272.00	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	\$ 292.00	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	\$ 310.00	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	\$ 387.60	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	\$ 425.60	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	\$ 562.40	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	\$ 653.60	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	\$ 798.00	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	\$ 896.80	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	\$1,162.80	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	List** Price	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	\$ 253.20	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	\$ 239.20	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	\$ 269.60	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	\$ 292.40	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	\$ 315.20	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	\$ 330.00	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	\$ 348.00	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	\$ 367.20	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	\$ 456.00	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	\$ 494.00	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	\$ 630.80	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	\$ 760.00	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	\$ 908.00	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	\$1,033.60	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	\$1,299.60	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 without bushing

"r" = Reverse mount only

** List Prices Shown are for Sheave Only. Refer to Page 15 for Bushing List Price and Dimensions.