



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

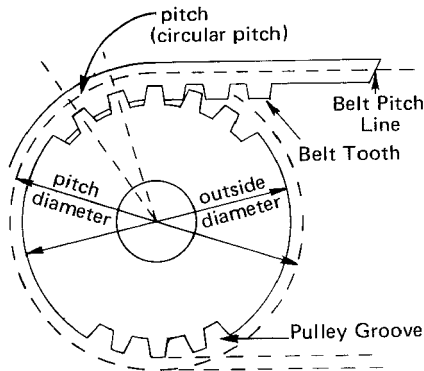
On drives from fractional horsepower to 600 horsepower and more, Maurey Positive Drives excel. Belt speed ranges from 100 fpm to 10,000.

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

1-1/4" pitch (XXH) stock pulley dimensions positive drive pulleys

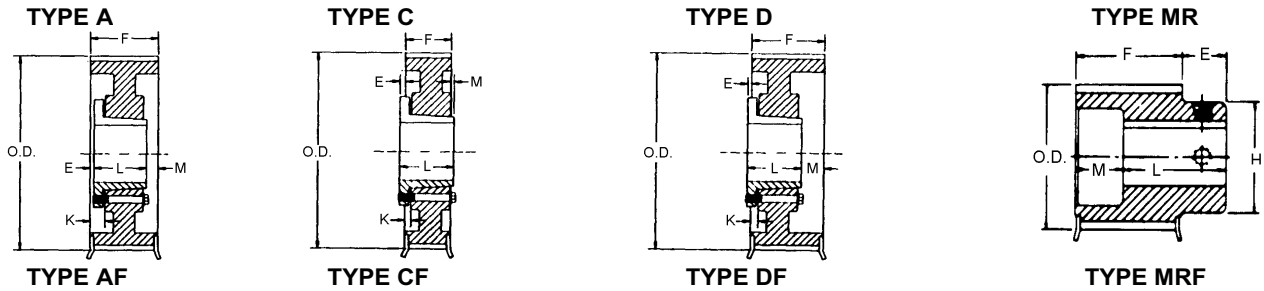


Figure Following Letter in Column Headed "TYPE" in Table Below Indicates Sheave Construction
1 - Solid, No Web. 2 - Web. 3 - Arms "F" Indicates Flanged Pulley

FOR BELTS 2 INCH WIDE • 1-1/4 INCH PITCH (XXH200)																
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 *	
18XXH200QD	\$ 228.00	18	7.162	7.042	7.88	SK	A1F	1/32	1-7/8	25/32	11/16		2-5/8	1/2	2-1/2	18.1
20XXH200QD	\$ 254.40	20	7.958	7.838	8.69	SK	A1F	1/32	1-7/8	25/32	11/16		2-5/8	1/2	2-1/2	21.8
22XXH200QD	\$ 254.00	22	8.753	8.633	9.50	E	D1F	13/32	2-5/8	13/32	1/2		2-5/8	7/8	3-7/16	30.7
24XXH200QD	\$ 292.00	24	9.549	9.429	10.31	E	D1F	13/32	2-5/8	13/32	1/2		2-5/8	7/8	3-7/16	36.4
26XXH200QD	\$ 316.80	26	10.345	10.225	11.06	E	D2F	13/32	2-5/8	13/32	1/2		2-5/8	7/8	3-7/16	42.0
30XXH200QD	\$ 368.00	30	11.937	11.817	12.69	F	C2F	1	3-5/8	0	1/16		2-5/8	1	3-15/16	58.5
34XXH200QD	\$ 418.00	34	13.528	13.408	14.25	F	C2F	1	3-5/8	0	1/16		2-5/8	1	3-15/16	67.6
40XXH200QD	\$ 506.00	40	15.915	15.795	16.62	F	C3F	1	3-5/8	0	1/16		2-5/8	1	3-15/16	70.6
48XXH200QD	\$ 570.00	48	19.099	18.979		J	C3	1-17/32	4-1/2	11/32	+9/32		2-5/8	1-7/16	4-7/16	88.5
60XXH200QD	\$ 734.00	60	23.873	23.753		J	C3	1-17/32	4-1/2	11/32	+9/32		2-5/8	1-7/16	4-7/16	108.6
72XXH200QD	\$ 899.20	72	28.648	28.528		J	C3	1-17/32	4-1/2	11/32	+9/32		2-5/8	1-7/16	4-7/16	127.5
90XXH200QD	\$1,140.00	90	35.810	35.960		J	C3	1-17/32	4-1/2	11/32	+9/32		2-5/8	1-7/16	4-7/16	156.9

FOR BELTS 3 INCH WIDE • 1-1/4 INCH PITCH (XXH200)																
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 *	
18XXH300QD	\$ 254.40	18	7.162	7.042	7.88	SF	A1F	11/16	2	1	1-3/8		3-11/16	1/2	2-3/4	22.6
20XXH300QD	\$ 277.20	20	7.958	7.838	8.69	SF	A1F	11/16	2	1	1-3/8		3-11/16	1/2	2-3/4	28.2
22XXH300QD	\$ 292.00	22	8.753	8.633	9.50	E	A1F	1/8	2-5/8	15/16	1-1/32		3-11/16	7/8	3-7/16	36.9
24XXH300QD	\$ 330.00	24	9.549	9.429	10.31	E	A1F	1/8	2-5/8	15/16	1-1/32		3-11/16	7/8	3-7/16	43.8
26XXH300QD	\$ 368.00	26	10.345	10.225	11.06	E	A2F	1/8	2-5/8	15/16	1-1/32		3-11/16	7/8	3-7/16	50.2
30XXH300QD	\$ 430.00	30	11.937	11.817	12.69	F	D2F	15/32	3-5/8	17/32	19/32		3-11/16	1	3-15/16	75.0
34XXH300QD	\$ 494.00	34	13.528	13.408	14.25	F	D2F	15/32	3-5/8	17/32	19/32		3-11/16	1	3-15/16	78.7
40XXH300QD	\$ 595.20	40	15.915	15.795	16.62	F	D3F	15/32	3-5/8	17/32	19/32		3-11/16	1	3-15/16	86.2
48XXH300QD	\$ 704.00	48	19.099	18.979		J	D3	1	4-1/2	3/16	1/4		3-11/16	1-7/16	4-7/16	105.6
60XXH300QD	\$ 874.00	60	23.873	23.753		J	D3	1	4-1/2	3/16	1/4		3-11/16	1-7/16	4-7/16	128.3
72XXH300QD	\$1,064.00	72	28.648	28.528		J	D3	1	4-1/2	3/16	1/4		3-11/16	1-7/16	4-7/16	158.4
90XXH300QD	\$1,352.80	90	35.810	35.960		J	D3	1	4-1/2	3/16	1/4		3-11/16	1-7/16	4-7/16	208.8

FOR BELTS 4 INCH WIDE • 1-1/4 INCH PITCH (XXH200)																
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 *	
18XXH400QD	\$ 328.40	18	7.162	7.042	7.88	SF	A1F	11/16	2	2-1/16	1-3/8		4-3/4	1/2	2-3/4	27.3
20XXH400QD	\$ 368.40	20	7.958	7.838	8.69	SF	A1F	11/16	2	2-1/16	1-3/8		4-3/4	1/2	2-3/4	34.1
22XXH400QD	\$ 343.60	22	8.753	8.633	9.50	E	A1F	21/32	2-5/8	1-15/32	1-9/16		4-3/4	7/8	3-7/16	43.1
24XXH400QD	\$ 400.40	24	9.549	9.429	10.31	E	A1F	21/32	2-5/8	1-15/32	1-9/16		4-3/4	7/8	3-7/16	51.3
26XXH400QD	\$ 418.00	26	10.345	10.225	11.06	E	A1F	1/16	3-5/8	1-1/16	1-1/8		4-3/4	1	3-15/16	67.6
30XXH400QD	\$ 494.00	30	11.937	11.817	12.69	F	A2F	1/16	3-5/8	1-1/16	1-1/8		4-3/4	1	3-15/16	77.9
34XXH400QD	\$ 570.00	34	13.528	13.408	14.25	J	D2F	15/32	4-1/2	23/32	25/32		4-3/4	1-7/16	4-7/16	102.5
40XXH400QD	\$ 684.00	40	15.915	15.795	16.62	J	D3F	15/32	4-1/2	23/32	25/32		4-3/4	1-7/16	4-7/16	112.2
48XXH400QD	\$ 785.20	48	19.099	18.979		J	D3	15/32	4-1/2	23/32	25/32		4-3/4	1-7/16	4-7/16	119.9
60XXH400QD	\$1,013.20	60	23.873	23.753		M	C3	1-11/16	6-3/4	5/16	+7/32		4-3/4	2	5-1/2	203.3
72XXH400QD	\$1,231.20	72	28.648	28.528		M	C3	1-11/16	6-3/4	5/16	+7/32		4-3/4	2	5-1/2	258.3
90XXH400QD	\$1,565.60	90	35.810	35.960		M	C3	1-11/16	6-3/4	5/16	+7/32		4-3/4	2	5-1/2	293.9

FOR BELTS 5 INCH WIDE • 1-1/4 INCH PITCH (XXH200)																
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 *	
18XXH500MPB	\$ 343.20	18	7.162	7.042	7.88	*	MRF	1-1/4	5	2-1/16		5	5-13/16	1-1/4	3-1/4	48.6
20XXH500MPB	\$ 376.40	20	7.958	7.838	8.69	*	MRF	1-1/4	5	2-1/16		5	5-13/16	1-1/4	3-1/4	61.0
22XXH500QD	\$ 365.20	22	8.753	8.633	9.50	E	A1F	1-3/16	2-5/8	2	2-3/32		5-13/16	7/8	3-7/16	49.4
24XXH500QD	\$ 418.00	24	9.549	9.429	10.31	F	A1F	19/32	3-5/8	1-19/32	1-21/32		5-13/16	1	3-15/16	65.9
26XXH500QD	\$ 456.00	26	10.345	10.225	11.06	F	A1F	19/32	3-5/8	1-19/32	1-21/32		5-13/16	1	3-15/16	75.7
30XXH500QD	\$ 545.60	30	11.937	11.817	12.69	J	A1F	1/16	4-1/2	1-1/4	1-5/16		5-13/16	1-7/16	4-7/16	109.1
34XXH500QD	\$ 633.20	34	13.528	13.408	14.25	J	A2F	1/16	4-1/2	1-1/4	1-5/16		5-13/16	1-7/16	4-7/16	113.6
40XXH500QD	\$ 760.00	40	15.915	15.795	16.62	J	A3F	1/16	4-1/2	1-1/4	1-5/16		5-13/16	1-7/16	4-7/16	125.9
48XXH500QD	\$ 885.20	48	19.099	18.979		M	D3	1-15/32	6-3/4	7/32	5/16		5-13/16	2	5-1/2	188.7
60XXH500QD	\$1,014.00	60	23.873	23.753		M	D3	1-15/32	6-3/4	7/32	5/16		5-13/16	2	5-1/2	229.3
72XXH500QD	\$1,398.40	72	28.648	28.528		M	D3	1-15/32	6-3/4	7/32	5/16		5-13/16	2	5-1/2	266.5
90XXH500QD	\$1,778.40	90	35.810	35.960		M	D3	1-15/32	6-3/4	7/32	5/16		5-13/16	2	5-1/2	363.1

*Bored to suit construction (Type M) minimum plain bore only carried in stock □ Weight shown is for pulley without bushing
** List Prices Shown are for Sheave Only. Refer to Page 15 for Bushing List Price and Dimensions.