



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

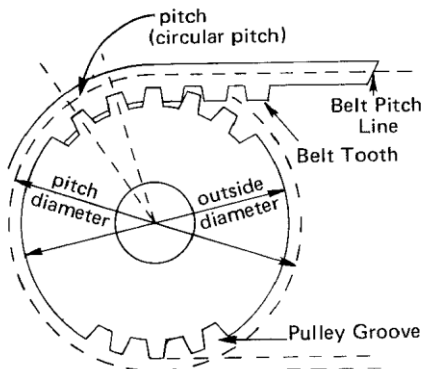
Contact Maurey Customer Service for quantity breaks for alterations.

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

P 26 8M 20 JA

- Requires JA Bushing
- Width
- Pitch
- Number of Teeth



3/8" pitch (L) stock pulley dimensions positive drive pulleys

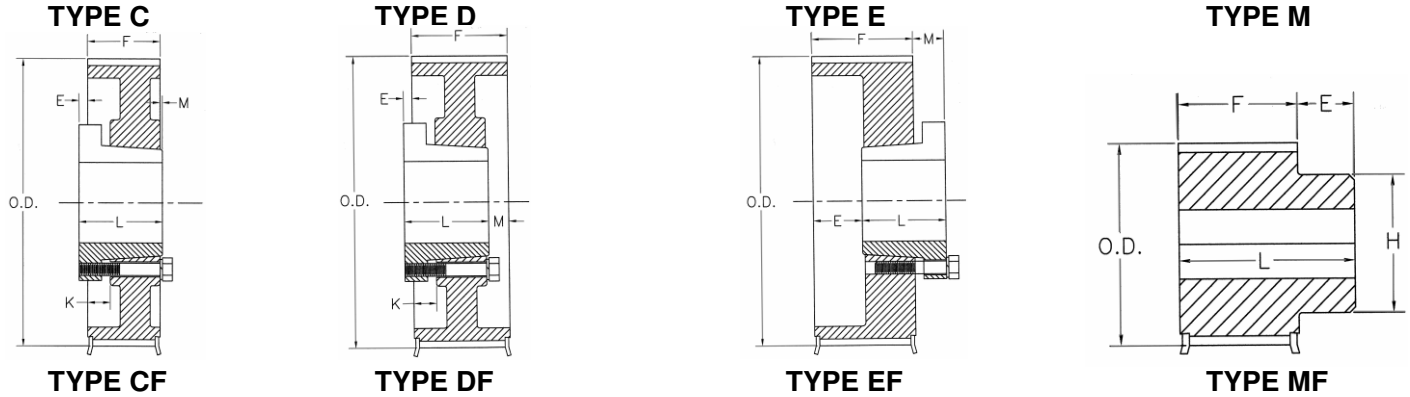
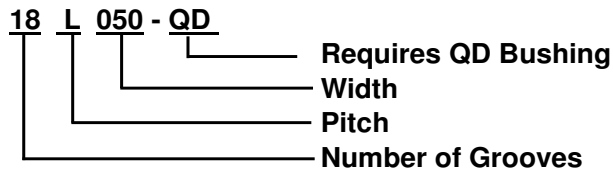


Figure Following Letter in Column Headed "TYPE" in Table Below Indicates Sheave Construction
 1 - Solid, No Web. 2 - Web. 3 - Arms "F" Indicates Flanged Pulley

Part Number Explanation



FOR BELTS 1/2 INCH WIDE • 3/8 INCH PITCH (L050)

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 *		
10L050MPB	10	1.194	1.164	1-7/16	*	M1F	3/8	1-1/8				13/16	3/4	3/8	9/16	.28
12L050MPB	12	1.432	1.402	1-11/16	*	M1F	1/2	1-1/4				1-1/16	3/4	3/8	13/16	.30
13L050MPB	13	1.552	1.522	1-3/4	*	M1F	1/2	1-1/4				1-1/8	3/4	3/8	13/16	.35
14L050MPB	14	1.671	1.641	1-15/16	*	M1F	5/8	1-1/4				1-1/8	3/4	3/8	7/8	.40
15L050MPB	15	1.790	1.760	1-15/16	*	M1F	1/2	1-1/4				1-1/8	3/4	1/2	15/16	.50
16L050MPB	16	1.910	1.880	2-3/16	*	M1F	5/8	1-3/8				1-7/16	3/4	1/2	1-1/8	.60
17L050MPB	17	2.029	1.999	2-3/16	*	M1F	5/8	1-3/8				1-7/16	3/4	1/2	1-1/8	.65
18L050MPB	18	2.149	2.119	2-3/8	*	M1F	5/8	1-3/8				1-9/16	3/4	1/2	1-3/16	.75
18L050QD	18	2.149	2.119	2-3/8	JA	E1F	3/16	1	7/16				3/4	1/2	1-3/16	.40
19L050MPB	19	2.268	2.238	2-3/8	*	M1F	5/8	1-3/8				1-5/8	3/4	1/2	1-3/16	.80
20L050MPB	20	2.837	2.357	2-5/8	*	M1F	5/8	1-3/8				1-11/16	3/4	1/2	1-1/4	.94
20L050QD	20	2.837	2.357	2-5/8	JA	E1F	3/16	1	7/16				3/4	1/2	1-3/16	.50
21L050MPB	21	2.507	2.477	2-3/4	*	M1F	11/16	1-7/16				1-7/8	3/4	1/2	1-5/16	1.0
22L050MPB	22	2.626	2.596	3	*	M1F	3/4	1-1/2				2	3/4	1/2	1-1/2	1.1
22L050QD	22	2.626	2.596	3	JA	E1F	3/16	1	7/16				3/4	1/2	1-3/16	.70
24L050MPB	24	2.865	2.835	3-1/4	*	M1F	3/4	1-1/2				2-1/4	3/4	1/2	1-5/8	1.6
24L050QD	24	2.865	2.835	3-1/4	SH	E1F	0	1-1/4	1/2				3/4	1/2	1-5/8	.70
26L050MPB	26	3.104	3.074	3-5/16	*	M1F	3/4	1-1/2				2-1/4	3/4	1/2	1-5/8	2.3
26L050QD	26	3.104	3.074	3-5/16	SH	C1F	1/2	1-1/4	0	0			3/4	1/2	1-5/8	1.0
28L050MPB	28	3.342	3.312	3-9/16	*	M1F	3/4	1-1/2				2-1/4	3/4	1/2	1-5/8	2.5
28L050QD	28	3.342	3.312	3-9/16	SH	C1F	1/2	1-1/4	0	0			3/4	1/2	1-5/8	1.1
30L050MPB	30	3.581	3.551	3-3/4	*	M1F	3/4	1-1/2				2-1/4	3/4	1/2	1-5/8	2.7
30L050QD	30	3.581	3.551	3-3/4	SDS	C1F	9/16	1-5/16	0	0			3/4	1/2	1-15/16	1.1
32L050MPB	32	3.820	3.790	4	*	M1F	7/8	1-5/8				2-9/16	3/4	1/2	1-7/8	3.0
32L050QD	32	3.820	3.790	4	SDS	C1F	9/16	1-5/16	0	0			3/4	1/2	1-15/16	1.4
36L050QD	36	4.297	4.267	4-17/32	SDS	C1F	9/16	1-5/16	0	0			3/4	1/2	1-15/16	2.0
40L050QD	40	4.775	4.745	5	SDS	D1F	9/16	1-5/16	0	0			3/4	1/2	1-15/16	2.8
44L050QD	44	5.252	5.222	5-31/64	SDS	C1F	9/16	1-5/16	0	0			3/4	1/2	1-15/16	3.6
48L050QD	48	5.730	5.700	6	SDS	D1F	9/16	1-5/16	0	0			3/4	1/2	1-15/16	4.4
60L050QD	60	7.162	7.132		SD	C3	13/16	1-13/16	1/4	+1/4			3/4	1/2	1-15/16	4.2
72L050QD	72	8.594	8.564		SD	C3	13/16	1-13/16	1/4	+1/4			3/4	1/2	1-15/16	6.6
84L050QD	84	10.027	9.997		SD	C3	13/16	1-13/16	1/4	+1/4			3/4	1/2	1-15/16	5.8
96L050QD	96	11.459	11.429		SD	C3	13/16	1-13/16	1/4	+1/4			3/4	1/2	1-15/16	7.4
120L050QD	120	14.324	14.294		SD	C3	13/16	1-13/16	1/4	+1/4			3/4	1/2	1-15/16	10.0

* Maximum bore without keyway

□ Weight shown is for pulley without bushing

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



3/8" pitch (L) stock pulley dimensions positive drive pulleys

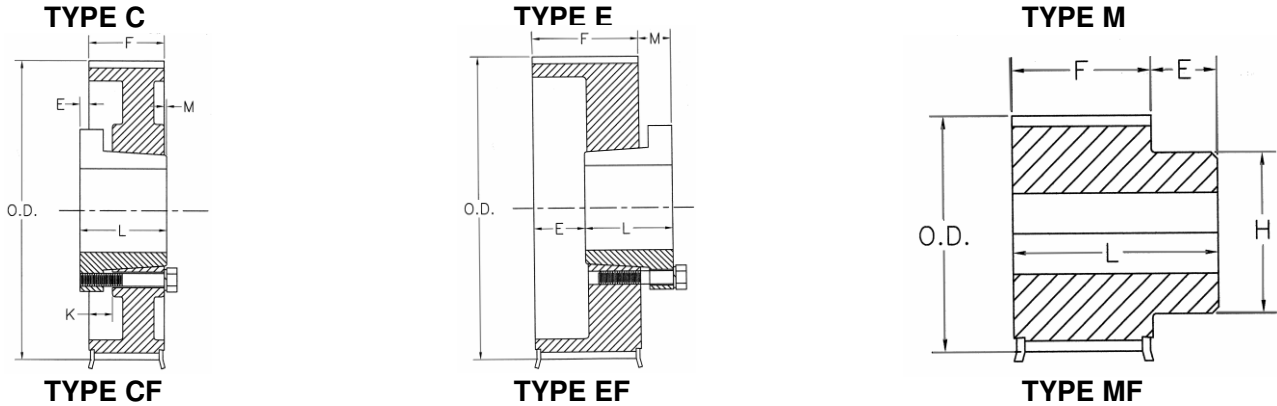
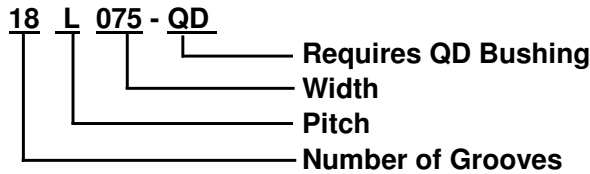


Figure Following Letter in Column Headed "TYPE" in Table Below Indicates Sheave Construction
 1 - Solid, No Web. 2 - Web. 3 - Arms "F" Indicates Flanged Pulley

Part Number Explanation



FOR BELTS 3/4 INCH WIDE • 3/8 INCH PITCH (L075)

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 *	
12L075MPB	12	1.432	1.402	1-11/16	*	M1F	1/2	1-1/2			1-1/16	1	3/8	13/16	.4
13L075MPB	13	1.522	1.552	1-11/16	*	M1F	1/2	1-1/2			1-1/8	1	3/8	13/16	.4
14L075MPB	14	1.671	1.641	1-15/16	*	M1F	1/2	1-1/2			1-1/8	1	3/8	7/8	.5
15L075MPB	15	1.790	1.760	1-15/16	*	M1F	1/2	1-1/2			1-1/8	1	1/2	7/8	.6
16L075MPB	16	1.910	1.880	2-3/16	*	M1F	5/8	1-5/8			1-7/16	1	1/2	1-1/8	.7
17L075MPB	17	2.029	1.999	2-3/16	*	M1F	1/2	1-1/2			1-7/16	1	1/2	1-1/8	.8
18L075MPB	18	2.149	2.119	2-3/8	*	M1F	5/8	1-5/8			1-9/16	1	1/2	1-3/16	.9
18L075QD	18	2.149	2.119	2-3/8	JAr	E1F	7/16	1	7/16			1	1/2	1-3/16	.5
19L075MPB	19	2.268	2.238	2-3/8	*	M1F	5/8	1-5/8			1-5/8	1	1/2	1-3/16	1.1
20L075MPB	20	2.387	2.357	2-5/8	*	M1F	5/8	1-5/8			1-11/16	1	1/2	1-1/4	1.5
20L075QD	20	2.387	2.357	2-5/8	JAr	E1F	7/16	1	7/16			1	1/2	1-3/16	.7
21L075MPB	21	2.507	2.477	2-3/4	*	M1F	5/8	1-5/8			1-7/8	1	1/2	1-5/16	1.6
22L075MPB	22	2.626	2.596	3	*	M1F	3/4	1-3/4			2	1	1/2	1-1/2	1.8
22L075QD	22	2.626	2.596	3	JAr	E1F	7/16	1	7/16			1	1/2	1-3/16	.8
24L075MPB	24	2.865	2.835	3-1/4	*	M1F	3/4	1-3/4			2-1/4	1	5/8	1-5/8	2.1
24L075QD	24	2.865	2.835	3-1/4	SH	E1F	3/16	1-1/4	1/2			1	1/2	1-5/8	.8
26L075MPB	26	3.104	3.074	3-5/16	*	M1F	3/4	1-3/4			2-1/4	1	5/8	1-5/8	2.8
26L075QD	26	3.104	3.074	3-5/16	SH	E1F	3/16	1-1/4	1/2			1	1/2	1-5/8	1.1
28L075MPB	28	3.342	3.312	3-9/16	*	M1F	3/4	1-3/4			2-1/4	1	5/8	1-5/8	3.1
28L075QD	28	3.342	3.312	3-9/16	SH	E1F	3/16	1-1/4	1/2			1	1/2	1-5/8	1.3
30L075MPB	30	3.581	3.551	3-3/4	*	M1F	3/4	1-3/4			2-1/4	1	5/8	1-5/8	3.4
30L075QD	30	3.581	3.551	3-3/4	SDS	E1F	1/4	1-5/16	9/16			1	1/2	1-15/16	1.5
32L075MPB	32	3.820	3.790	4	*	M1F	7/8	1-7/8			2-9/16	1	5/8	1-7/8	3.7
32L075QD	32	3.820	3.790	4	SDS	E1F	1/4	1-5/16	9/16			1	1/2	1-15/16	1.7
36L075QD	36	4.297	4.267	4-17/32	SDS	C1F	5/16	1-5/16	0	1/4		1	1/2	1-15/16	2.3
40L075QD	40	4.775	4.745	5	SDS	C1F	5/16	1-5/16	0	1/4		1	1/2	1-15/16	3.1
44L075QD	44	5.252	5.222	5-31/64	SDS	C1F	5/16	1-5/16	0	1/4		1	1/2	1-15/16	4.0
48L075QD	48	5.730	5.700	6	SDS	C1F	5/16	1-5/16	0	1/4		1	1/2	1-15/16	4.6
60L075QD	60	7.162	7.132		SD	C3	11/16	1-13/16	1/8	+1/8		1	1/2	1-15/16	4.7
72L075QD	72	8.594	8.564		SD	C3	11/16	1-13/16	1/8	+1/8		1	1/2	1-15/16	6.5
84L075QD	84	10.027	9.997		SD	C3	11/16	1-13/16	1/8	+1/8		1	1/2	1-15/16	6.3
96L075QD	96	11.459	11.429		SD	C3	11/16	1-13/16	1/8	+1/8		1	1/2	1-15/16	9.4
120L075QD	120	14.324	14.294		SD	C3	11/16	1-13/16	1/8	+1/8		1	1/2	1-15/16	13.8

* Bored to suit construction (Type M) minimum plain bore only carried in stock □ Weight shown is for pulley without bushing

"r" = Reverse mount only

• Maximum bore without keyway



3/8" pitch (L) stock pulley dimensions positive drive pulleys

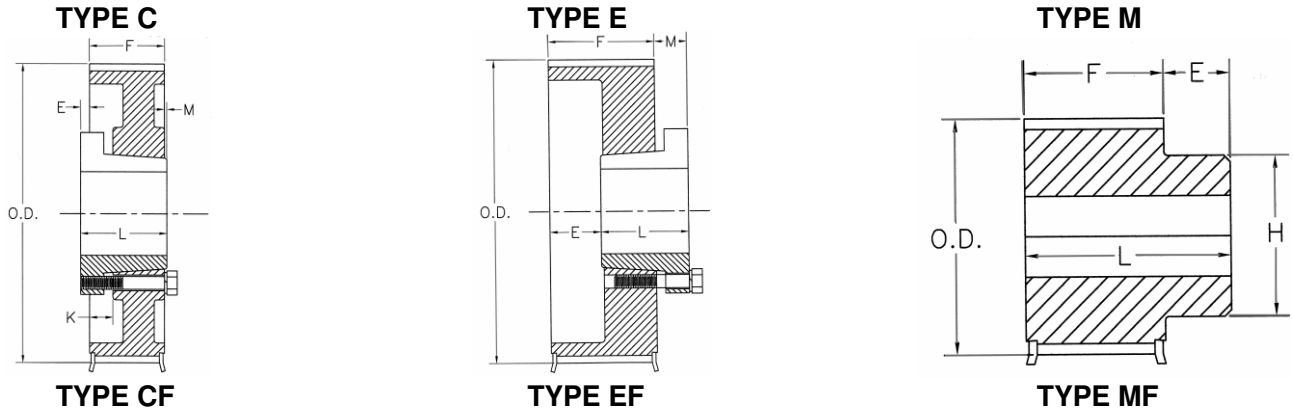
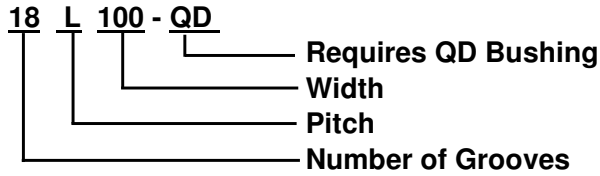


Figure Following Letter in Column Headed "TYPE" in Table Below Indicates Sheave Construction
1 - Solid, No Web. 2 - Web. 3 - Arms "F" Indicates Flanged Pulley

Part Number Explanation



FOR BELTS 1 INCH WIDE • 3/8 INCH PITCH (L100)

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 *
13L100MPB	13	1.552	1.522	1-3/4	*	M1F	1/2	1-3/4			1-1/8	1-1/4	3/8	7/8	.5
14L100MPB	14	1.671	1.641	1-15/16	*	M1F	1/2	1-3/4			1-1/8	1-1/4	3/8	7/8	.6
15L100MPB	15	1.790	1.760	1-15/16	*	M1F	1/2	1-3/4			1-1/8	1-1/4	1/2	7/8	.7
16L100MPB	16	1.910	1.880	2-3/16	*	M1F	5/8	1-7/8			1-7/16	1-1/4	1/2	1-1/8	.8
17L100MPB	17	2.029	1.999	2-3/16	*	M1F	1/2	1-3/4			1-7/16	1-1/4	1/2	1-1/8	1.0
18L100MPB	18	2.149	2.119	2-3/8	*	M1F	5/8	1-7/8			1-5/8	1-1/4	1/2	1-3/16	1.1
18L100QD	18	2.149	2.119	2-3/8	JAr	E1F	11/16	1	7/16			1-1/4	1/2	1-3/16	.7
19L100MPB	19	2.268	2.238	2-3/8	*	M1F	5/8	1-7/8			1-3/4	1-1/4	1/2	1-3/16	1.4
20L100MPB	20	2.387	2.357	2-5/8	*	M1F	5/8	1-7/8			1-11/16	1-1/4	1/2	1-1/4	1.75
20L100QD	20	2.387	2.357	2-5/8	JAr	E1F	11/16	1	7/16			1-1/4	1/2	1-3/16	.9
21L100MPB	21	2.507	2.477	2-3/4	*	M1F	5/8	1-7/8			1-7/8	1-1/4	5/8	1-5/16	1.8
22L100MPB	22	2.626	2.596	3	*	M1F	3/4	2			2	1-1/4	5/8	1-1/2	2.0
22L100QD	22	2.626	2.596	3	JAr	E1F	11/16	1	7/16			1-1/4	1/2	1-3/16	1.0
24L100MPB	24	2.865	2.835	3-1/4	*	M1F	3/4	2			2-1/4	1-1/4	5/8	1-5/8	2.5
24L100QD	24	2.865	2.835	3-1/4	SH	E1F	7/16	1-1/4	1/2			1-1/4	1/2	1-5/8	1.0
26L100MPB	26	3.104	3.074	3-5/16	*	M1F	7/8	2-1/8			2-1/2	1-1/4	5/8	1-7/8	3.3
26L100QD	26	3.104	3.074	3-5/16	SH	E1F	7/16	1-1/4	1/2			1-1/4	1/2	1-5/8	1.3
28L100MPB	28	3.342	3.312	3-9/16	*	M1F	1	2-1/4			2-1/2	1-1/4	5/8	2	3.6
28L100QD	28	3.342	3.312	3-9/16	SH	E1F	7/16	1-1/4	1/2			1-1/4	1/2	1-5/8	1.7
30L100MPB	30	3.581	3.551	3-3/4	*	M1F	1	2-1/4			2-15/16	1-1/4	5/8	2-1/8	4.0
30L100QD	30	3.581	3.551	3-3/4	SDS	E1F	1/2	1-5/16	9/16			1-1/4	1/2	1-15/16	2.0
32L100MPB	32	3.820	3.790	4	*	M1F	1	2-1/4			3-1/8	1-1/4	5/8	1-7/8	4.4
32L100QD	32	3.820	3.790	4	SDS	E1F	1/2	1-5/16	9/16			1-1/4	1/2	1-15/16	2.1
36L100QD	36	4.297	4.267	4-17/32	SDS	C1F	5/16	1-5/16	0	1/2		1-1/4	1/2	1-15/16	2.6
40L100QD	40	4.775	4.745	5	SDS	C1F	1/16	1-5/16	0	1/2		1-1/4	1/2	1-15/16	3.4
44L100QD	44	5.252	5.222	5-31/64	SDS	C1F	1/16	1-5/16	0	1/2		1-1/4	1/2	1-15/16	4.2
48L100QD	48	5.730	5.700	6	SDS	C1F	1/16	1-5/16	0	1/2		1-1/4	1/2	1-15/16	5.1
60L100QD	60	7.162	7.132		SD	C3	9/16	1-13/16	0	0		1-1/4	1/2	1-15/16	6.0
72L100QD	72	8.594	8.564		SD	C3	9/16	1-13/16	0	0		1-1/4	1/2	1-15/16	7.5
84L100QD	84	10.027	9.997		SD	C3	9/16	1-13/16	0	0		1-1/4	1/2	1-15/16	6.9
96L100QD	96	11.459	11.429		SD	C3	9/16	1-13/16	0	0		1-1/4	1/2	1-15/16	11.2
120L100QD	120	14.324	14.294		SD	C3	9/16	1-13/16	0	0		1-1/4	1/2	1-15/16	16.0

*Bored to suit construction (Type M) minimum plain bore only carried in stock □ Weight shown is for pulley without bushing

"r" = Reverse mount only

• Maximum bore without keyway