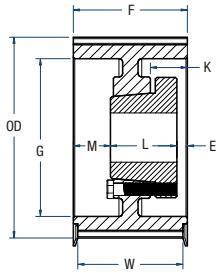
HTD 8mm

Timing Pulley
20mm Wide Belts

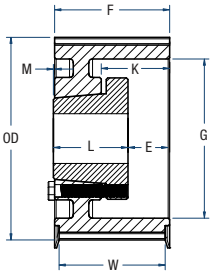
BLACKSTAR®

TYPE A



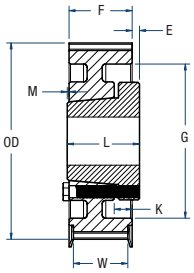
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TYPE B



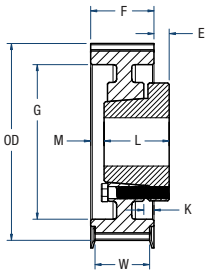
TYPE BF

TYPE C



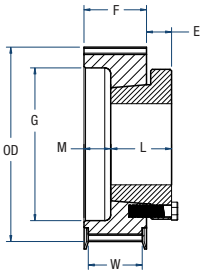
TYPE CF

TYPE D



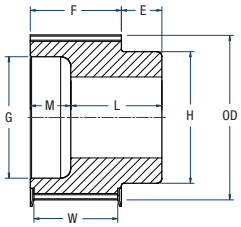
TYPE DF

TYPE E•



TYPE EF•

TYPE F (MPB ONLY)



TYPE FF (MPB ONLY)

20mm (0.79 in) Wide Belts (8M-20)																
No. of Teeth	Catalog Number	Bore	Pitch	Diameter (in)		Type+	Max Bore	Dimensions (in)								Approx. Weight* (lbs)
				O.D.	Flange			E	L	M	K	H	F	G	W	
20	**P20-8M-20-MPB**	**1/2**	**2.005**	**1.951**	**2.375**	**F1F**	**7/8**	**5/8**	**1-3/4**	**0**	**—**	**1-3/8**	**1-1/8**	**—**	**7/8**	**0.90**
21	P21-8M-20-MPB	1/2	2.105	2.051	2.468	F1F	1	5/8	1-3/4	0	—	1-1/2	1-1/8	—	7/8	1.00
22	**P22-8M-20-MPB**	**1/2**	**2.206**	**2.152**	**2.562**	**F1F**	**1-3/16**	**5/8**	**1-3/4**	**0**	**—**	**1-5/8**	**1-1/8**	**—**	**7/8**	**1.60**
24	P24-8M-20-JA	JA	2.406	2.352	2.750	E1F•	1-1/4	9/16	1-1/16	7/16	—	—	1-1/8	1.34	7/8	1.50
26	**P26-8M-20-JA**	**JA**	**2.607**	**2.553**	**2.937**	**E1F•**	**1-1/4**	**9/16**	**1-1/16**	**7/16**	**—**	**—**	**1-1/8**	**1.34**	**7/8**	**1.80**
28	P28-8M-20-H	H	2.807	2.753	3.156	E1F•	1-3/8	1/4	1-1/4	3/8	—	—	1-1/8	1.57	7/8	1.40
30	**P30-8M-20-H**	**H**	**3.008**	**2.954**	**3.344**	**E1F•**	**1-3/8**	**1/4**	**1-1/4**	**3/8**	**—**	**—**	**1-1/8**	**1.57**	**7/8**	**1.90**
32	P32-8M-20-H	H	3.208	3.154	3.562	C1F	1-3/8	1/8	1-1/4	0	1/4	—	1-1/8	2.56	7/8	2.00
34	**P34-8M-20-SH**	**SH**	**3.409**	**3.355**	**3.750**	**D1F**	**1-11/16**	**3/16**	**1-1/4**	**1/16**	**5/16**	**—**	**1-1/8**	**2.75**	**7/8**	**2.20**
36	P36-8M-20-SH	SH	3.609	3.555	3.937	D1F	1-11/16	3/16	1-1/4	1/16	5/16	—	1-1/8	2.82	7/8	2.50
38	**P38-8M-20-SH**	**SH**	**3.810**	**3.756**	**4.156**	**D1F**	**1-11/16**	**3/16**	**1-1/4**	**1/16**	**5/16**	**—**	**1-1/8**	**3.00**	**7/8**	**2.80**
40	P40-8M-20-SH	SH	4.010	3.956	4.344	D1F	1-11/16	3/16	1-1/4	1/16	5/16	—	1-1/8	3.00	7/8	3.00
44	**P44-8M-20-SDS**	**SDS**	**4.411**	**4.357**	**4.750**	**C1F**	**2**	**3/16**	**1-1/4**	**0**	**3/8**	**—**	**1-1/8**	**3.50**	**7/8**	**3.20**
48	P48-8M-20-SDS	SDS	4.812	4.758	5.157	C1F	2	3/16	1-5/16	0	3/8	—	1-1/8	3.80	7/8	3.40
56	**P56-8M-20-SDS**	**SDS**	**5.614**	**5.560**	**5.937**	**C1F**	**2**	**3/16**	**1-5/16**	**0**	**3/8**	**—**	**1-1/8**	**4.60**	**7/8**	**4.50**
64	P64-8M-20-SDS	SDS	6.416	6.362	6.750	C1F	2	3/16	1-5/16	0	3/8	—	1-1/8	5.40	7/8	5.50
72	**P72-8M-20-SDS**	**SDS**	**7.218**	**7.164**	**7.562**	**C1F**	**2**	**3/16**	**1-5/16**	**0**	**3/8**	**—**	**1-1/8**	**6.20**	**7/8**	**6.00**
80	P80-8M-20-SDS	SDS	8.020	7.966	8.375	C2F	2	3/16	1-5/16	0	3/8	—	1-1/8	6.90	7/8	6.50
90	**P90-8M-20-SDS**	**SDS**	**9.023**	**8.969**	**—**	**C2**	**2**	**3/16**	**1-5/16**	**0**	**3/8**	**—**	**1-1/8**	**7.62**	**—**	**7.00**
112	P112-8M-20-SK	SK	11.229	11.175	—	C3	2-5/8	3/4	1-15/16	1/16	1/16	—	1-1/8	9.87	—	10.50
144	**P144-8M-20-SF**	**SF**	**14.447**	**14.388**	**—**	**C3**	**2-15/16**	**3/4**	**2-1/16**	**1/16**	**1/16**	**—**	**1-1/8**	**12.88**	**—**	**14.50**

*Weight shown is for sprocket less bushing.
•Reverse mount only.
+The numbers (1=Solid, 2=Web, 3=Arms) within "Type" indicates construction, and the letter F indicates the pulley has flanges.

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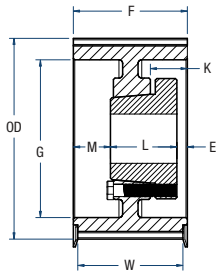
HTD 8mm

Timing Pulley

30mm Wide Belts

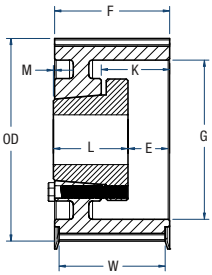
BLACKSTAR®

TYPE A



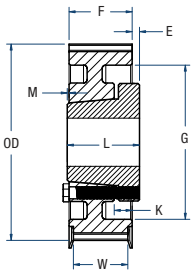
TYPE AF

TYPE B



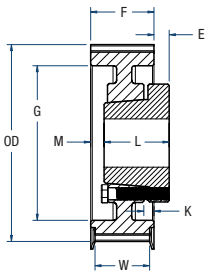
TYPE BF

TYPE C



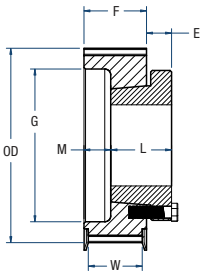
TYPE CF

TYPE D



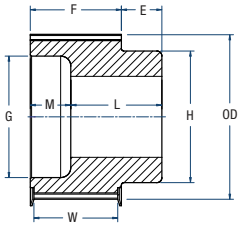
TYPE DF

TYPE E•



TYPE EF•

TYPE F (MPB ONLY)



TYPE FF (MPB ONLY)

30mm (1.18 in) Wide Belts (8M-30)																
No. of Teeth	Catalog Number	Bore	Pitch	Diameter (in)		Type+	Max Bore	Dimensions (in)								Approx. Weight* (lbs)
				O.D.	Flange			E	L	M	K	H	F	G	W	
20	**P20-8M-30-MPB**	**1/2**	**2.005**	**1.951**	**2.375**	**F1F**	**7/8**	**5/8**	**2-1/8**	**0**	**—**	**1-3/8**	**1-1/2**	**—**	**1-1/8**	**1.10**
21	P21-8M-30-MPB	1/2	2.105	2.051	2.468	F1F	1	5/8	2-1/8	0	—	1-1/2	1-1/2	—	1-1/8	1.30
22	**P22-8M-30-MPB**	**1/2**	**2.206**	**2.152**	**2.562**	**F1F**	**1-3/16**	**5/8**	**2-1/8**	**0**	**—**	**1-5/8**	**1-1/2**	**—**	**1-1/4**	**1.40**
24	P24-8M-30-MPB	1/2	2.406	2.352	2.750	F1F	1-1/4	5/8	2-1/8	0	—	1-13/16	1-1/2	—	1-1/4	1.80
26	**P26-8M-30-MPB**	**1/2**	**2.607**	**2.553**	**2.937**	**F1F**	**1-1/4**	**3/4**	**2-1/4**	**0**	**—**	**2**	**1-1/2**	**—**	**1-1/4**	**2.20**
28	P28-8M-30-H	H	2.807	2.753	3.156	E1F•	1-1/4	5/8	1-1/4	3/8	—	—	1-1/2	1.57	1-1/4	1.70
30	**P30-8M-30-H**	**H**	**3.008**	**2.954**	**3.344**	**E1F•**	**1-3/8**	**5/8**	**1-1/4**	**3/8**	**—**	**—**	**1-1/2**	**1.57**	**1-1/4**	**1.90**
32	P32-8M-30-H	H	3.208	3.154	3.562	B1F	1-3/8	1/4	1-1/4	0	5/8	—	1-1/2	2.56	1-1/4	2.10
34	**P34-8M-30-SH**	**SH**	**3.409**	**3.355**	**3.750**	**A1F**	**1-3/8**	**3/16**	**1-1/4**	**1/16**	**11/16**	**—**	**1-1/2**	**2.75**	**1-1/4**	**2.40**
36	P36-8M-30-SH	SH	3.609	3.555	3.937	A1F	1-11/16	3/16	1-1/4	1/16	11/16	—	1-1/2	2.82	1-1/4	2.80
38	**P38-8M-30-SH**	**SH**	**3.810**	**3.756**	**4.156**	**A1F**	**1-11/16**	**3/16**	**1-1/4**	**1/16**	**11/16**	**—**	**1-1/2**	**3.00**	**1-1/4**	**3.20**
40	P40-8M-30-SH	SH	4.010	3.956	4.344	A1F	1-11/16	3/16	1-1/4	1/16	11/16	—	1-1/2	3.00	1-1/4	3.60
44	**P44-8M-30-SDS**	**SDS**	**4.411**	**4.357**	**4.750**	**B1F**	**1-11/16**	**3/16**	**1-5/16**	**0**	**3/4**	**—**	**1-1/2**	**3.50**	**1-1/4**	**3.80**
48	P48-8M-30-SDS	SDS	4.812	4.758	5.157	B1F	2	3/16	1-5/16	0	3/4	—	1-1/2	3.80	1-1/4	4.20
56	**P56-8M-30-SDS**	**SDS**	**5.614**	**5.560**	**5.937**	**B1F**	**2**	**3/16**	**1-5/16**	**0**	**3/4**	**—**	**1-1/2**	**4.60**	**1-1/4**	**4.80**
64	P64-8M-30-SK	SK	6.416	6.362	6.750	C1F	2	3/8	1-7/8	0	1/4	—	1-1/2	5.40	1-1/4	6.10
72	**P72-8M-30-SK**	**SK**	**7.218**	**7.164**	**7.562**	**C1F**	**2-5/8**	**3/8**	**1-7/8**	**0**	**1/4**	**—**	**1-1/2**	**6.20**	**1-1/4**	**6.80**
80	P80-8M-30-SK	SK	8.020	7.966	8.375	C2F	2-5/8	3/8	1-7/8	0	1/4	—	1-1/2	6.90	1-1/4	7.50
90	**P90-8M-30-SK**	**SK**	**9.023**	**8.969**	**—**	**C2**	**2-5/8**	**3/8**	**1-7/8**	**0**	**1/4**	**—**	**1-1/2**	**7.62**	**—**	**11.00**
112	P112-8M-30-SK	SK	11.229	11.175	—	C3	2-5/8	3/8	1-7/8	0	1/4	—	1-1/2	9.87	—	13.00
144	**P144-8M-30-SF**	**SF**	**14.447**	**14.383**	**—**	**C3**	**2-15/16**	**9/16**	**2-1/16**	**0**	**1/4**	**—**	**1-1/2**	**12.88**	**—**	**25.50**
192	P192-8M-30-E	E	19.249	19.195	—	C3	—	1-5/16	2-5/8	1/16	1/16	—	1-1/2	17.63	—	30.00

*Weight shown is for sprocket less bushing.
•Reverse mount only.
+The numbers (1=Solid, 2=Web, 3=Arms) within "Type" indicates construction, and the letter F indicates the pulley has flanges.

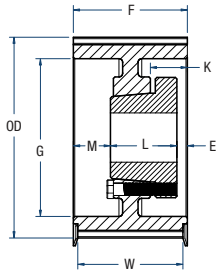
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HTD 8mm

Timing Pulley
50mm Wide Belts

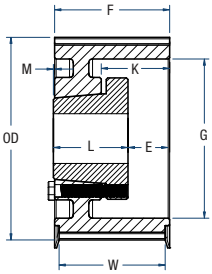
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TYPE A



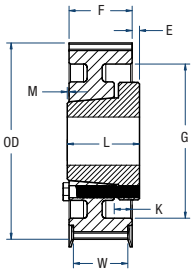
TYPE A

TYPE B



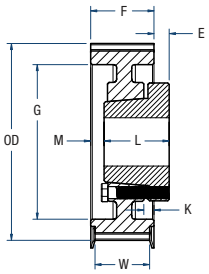
TYPE BF

TYPE C



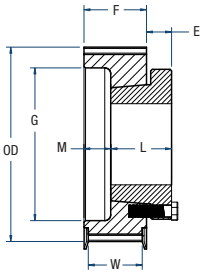
TYPE CF

TYPE D



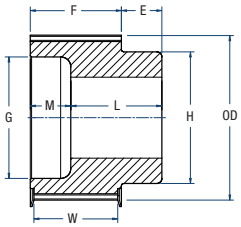
TYPE DF

TYPE E•



TYPE EF•

TYPE F (MPB ONLY)



TYPE FF (MPB ONLY)

50mm (1.97 in) Wide Belts (8M-50)																
No. of Teeth	Catalog Number	Bore	Pitch	Diameter (in)		Type+	Max Bore	Dimensions (in)								Approx. Weight* (lbs)
				O.D.	Flange			E	L	M	K	H	F	G	W	
28	**P28-8M-50-MPB**	**1/2**	**2.807**	**2.753**	**3.156**	**F1F**	**1-1/4**	**3/4**	**3-1/8**	**0**	**—**	**2-9/32**	**2-3/8**	**—**	**2-1/8**	**4.2**
30	P30-8M-50-MPB	1/2	3.008	2.954	3.344	F1F	1-1/4	3/4	3-1/8	0	—	2-15/32	2-3/8	—	2-1/8	4.9
32	**P32-8M-50-MPB**	**1/2**	**3.208**	**3.154**	**3.562**	**F1F**	**1-5/8**	**3/4**	**3-1/8**	**0**	**—**	**2-19/32**	**2-3/8**	**—**	**2-1/8**	**5.4**
32	P32-8M–50-H	H	3.208	3.154	3.562	A1F	1-1/2	1/2	1-1/4	5/8	3/4	—	2-3/8	2.56	2-1/8	2.9
34	**P34-8M-50-SH**	**SH**	**3.409**	**3.355**	**3.750**	**A1**	**1-11/16**	**0**	**1-1/4**	**1-1/8**	**1/2**	**—**	**2-3/8**	**2.75**	**2-1/8**	**3.2**
36	P36-8M-50-SH	SH	3.609	3.555	3.937	A1	1-11/16	0	1-1/4	1-1/8	1/2	—	2-3/8	2.82	2-1/8	3.8
38	**P38-8M-50-SH**	**SH**	**3.810**	**3.756**	**4.156**	**A1**	**1-11/16**	**0**	**1-1/4**	**1-1/8**	**1/2**	**—**	**2-3/8**	**3.00**	**2-1/8**	**4.2**
40	P40-8M-50-SH	SH	4.010	3.956	4.344	A1	1-11/16	0	1-1/4	1-1/8	1/2	—	2-3/8	3.00	2-1/8	4.6
44	**P44-8M-50-SD**	**SD**	**4.411**	**4.357**	**4.750**	**A1**	**2**	**0**	**1-13/16**	**9/16**	**9/16**	**—**	**2-3/8**	**3.50**	**2-1/8**	**5.2**
48	P48-8M-50-SD	SD	4.812	4.758	5.157	A1	2	0	1-13/16	9/16	9/16	—	2-3/8	3.80	2-1/8	6.0
56	**P56-8M-50-SK**	**SK**	**5.614**	**5.560**	**5.937**	**D1F**	**2-5/8**	**1/16**	**1-7/8**	**9/16**	**9/16**	**—**	**2-3/8**	**4.60**	**2-1/8**	**7.6**
64	P64-8M-50-SK	SK	6.416	6.362	6.750	D1F	2-5/8	1/16	1-7/8	9/16	9/16	—	2-3/8	5.40	2-1/8	10.3
72	**P72-8M-50-SK**	**SK**	**7.218**	**7.164**	**7.562**	**D1F**	**2-5/8**	**1/16**	**1-7/8**	**9/16**	**9/16**	**—**	**2-3/8**	**6.20**	**2-1/8**	**13.3**
80	P80-8M-50-SF	SF	8.020	7.966	8.326	D1F	2-7/8	1/16	2	7/16	9/16	—	2-3/8	6.90	2-1/8	12.7
90	**P90-8M-50-SF**	**SF**	**9.023**	**8.969**	**—**	**D2**	**2-7/8**	**1/16**	**2**	**7/16**	**9/16**	**—**	**2-3/8**	**7.62**	**2-1/8**	**16.0**
112	P112-8M-50-SF	SF	11.229	11.175	—	D3	2-7/8	1/16	2	7/16	9/16	—	2-3/8	9.88	2-1/8	21.0
144	**P144-8M-50-E**	**E**	**14.437**	**14.383**	**—**	**D3**	**3-1/2**	**1/2**	**2-5/8**	**2**	**3/8**	**—**	**2-3/8**	**12.88**	**2-1/8**	**35.0**
192	P192-8M-50-E	E	19.249	19.195	—	D3	3-1/2	1/2	2-5/8	2	3/8	—	2-3/8	17.63	2-1/8	45.0

*Weight shown is for sprocket less bushing.
•Reverse mount only.
+The numbers (1=Solid, 2=Web, 3=Arms) within "Type" indicates construction, and the letter F indicates the pulley has flanges.

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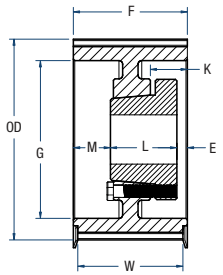
HTD 8mm

Timing Pulley

85mm Wide Belts

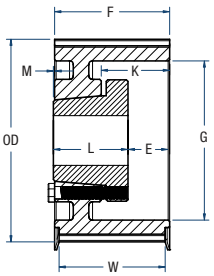
BLACKSTAR®

TYPE A



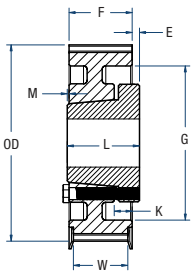
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TYPE B



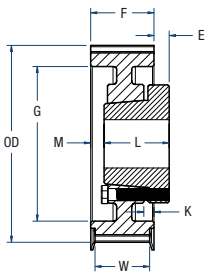
TYPE BF

TYPE C



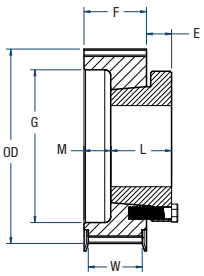
TYPE CF

TYPE D



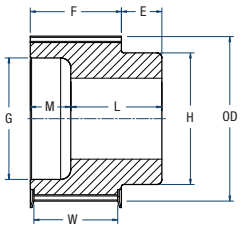
TYPE DF

TYPE E•



TYPE EF•

TYPE F (MPB ONLY)



TYPE FF (MPB ONLY)

85mm (3.35 in) Wide Belts (8M-85)																
No. of Teeth	Catalog Number	Bore	Pitch	Diameter (in)		Type+	Max Bore	Dimensions (in)								Approx. Weight* (lbs)
				O.D.	Flange			E	L	M	K	H	F	G	W	
34	**P34-8M-85-MPB**	**SH**	**3.409**	**3.355**	**3.819**	**F1F**	**1-11/16**	**3/4**	**4-1/2**	**0**	**—**	**2-57/64**	**3-3/4**	**—**	**3-1/2**	**10.0**
34	P34-8M-85-SH	SH	3.409	3.355	3.819	A1F	1-11/16	1	1-1/4	1-1/2	1-1/2	—	3-3/4	2.75	3-1/2	4.6
36	**P36-8M-85-MPB**	**SH**	**3.609**	**3.555**	**3.937**	**F1F**	**1-3/4**	**3/4**	**4-1/2**	**0**	**—**	**3**	**3-3/4**	**—**	**3-1/2**	**11.3**
36	P36-8M-85-SH	SH	3.609	3.555	3.937	A1F	1-11/16	1	1-1/4	1-1/2	1-1/2	—	3-3/4	2.82	3-1/2	5.2
38	**P38-8M-85-MPB**	**SH**	**3.810**	**3.756**	**4.134**	**F1F**	**1-15/16**	**3/4**	**4-1/2**	**0**	**—**	**3-3/16**	**3-3/4**	**—**	**3-1/2**	**12.6**
38	P38-8M-85-SH	SH	3.810	3.756	4.134	A1F	1-11/16	1	1-1/4	1-1/2	1-1/2	—	3-3/4	3.00	3-1/2	5.8
40	**P40-8M-85-MPB**	**SD**	**4.010**	**3.956**	**4.344**	**F1F**	**2-1/8**	**3/4**	**4-1/2**	**0**	**—**	**3-13/32**	**3-3/4**	**—**	**3-1/2**	**14.9**
40	P40-8M-85-SD	SD	4.010	3.956	4.344	A1F	2	11/16	1-13/16	1-1/4	1-1/4	—	3-3/4	3.25	3-1/2	5.6
44	**P44-8M-85-MPB**	**SD**	**4.411**	**4.357**	**4.750**	**F1F**	**2-1/4**	**3/4**	**4-1/2**	**0**	**—**	**3-51/64**	**3-3/4**	**—**	**3-1/2**	**17.2**
44	P44-8M-85-SD	SD	4.411	4.357	4.750	A1F	2	11/16	1-13/16	1-1/4	1-1/4	—	3-3/4	3.50	3-1/2	6.2
48	**P48-8M-85-MPB**	**SD**	**4.812**	**4.758**	**5.157**	**F1F**	**2-1/2**	**3/4**	**4-1/2**	**0**	**—**	**4-3/16**	**3-3/4**	**—**	**3-1/2**	**20.6**
48	P48-8M-85-SD	SD	4.812	4.758	5.157	A1F	2	11/16	1-13/16	1-1/4	1-1/4	—	3-3/4	3.80	3-1/2	7.8
56	**P56-8M-85-MPB**	**SK**	**5.614**	**5.560**	**5.937**	**F1F**	**3**	**3/4**	**4-1/2**	**0**	**—**	**5**	**3-3/4**	**—**	**3-1/2**	**28.0**
56	P56-8M-85-SK	SK	5.614	5.560	5.937	A1F	2-5/8	5/8	1-7/8	1-1/4	1-1/4	—	3-3/4	4.60	3-1/2	9.8
64	**P64-8M-85-SF**	**SK**	**6.416**	**6.362**	**6.750**	**A1F**	**2-5/8**	**5/8**	**1-7/8**	**1-1/4**	**1-1/4**	**—**	**3-3/4**	**5.40**	**3-1/2**	**13.0**
72	P72-8M-85-E	SF	7.218	7.164	7.562	A1F	2-15/16	5/8	2	1-1/8	1-1/4	—	3-3/4	6.20	3-1/2	16.0
80	**P80-8M-85-E**	**SF**	**8.020**	**7.966**	**8.375**	**A1**	**2-15/16**	**5/8**	**2**	**1-1/8**	**1-1/4**	**—**	**3-3/4**	**6.90**	**3-1/2**	**17.0**
90	P90-8M-85-E	SF	9.023	8.969	—	A2	2-15/16	5/8	2	1-1/8	1-1/4	—	3-3/4	7.62	—	20.0
112	**P112-8M-85-F**	**SF**	**11.229**	**11.175**	**—**	**A3**	**2-15/16**	**5/8**	**2**	**1-1/8**	**1-1/4**	**—**	**3-3/4**	**9.88**	**—**	**28.0**
144	P144-8M-85-F	E	14.447	14.383	—	A3	3-1/2	3/16	2-5/8	15/16	1-1/16	—	3-3/4	12.88	—	46.0
192	**P192-8M-85-F**	**E**	**19.249**	**19.195**	**—**	**A3**	**3-1/2**	**3/16**	**2-5/8**	**15/16**	**1-1/16**	**—**	**3-3/4**	**17.63**	**—**	**61.0**

*Weight shown is for sprocket less bushing.
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