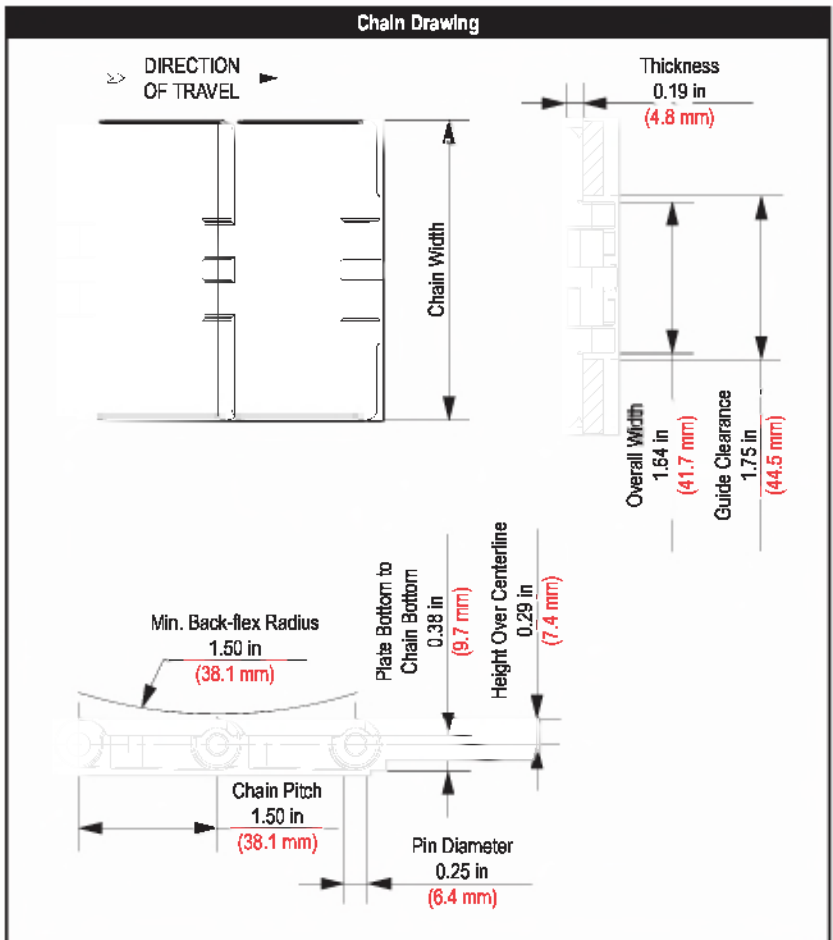


Chain is shown in Low Friction (LF) material.



Chain Information

Chain Width		Min. Side-flex Radius		Approximate Weight		
desc	in	mm	in	mm	lbs/ft	kg/m
3-1/4	3.25	82.6	-	-	0.61	0.90
4-1/2	4.50	114.3	-	-	0.75	1.11
7-1/2	7.50	190.5	-	-	1.08	1.60

Available Materials

Prefix	Chain Material	Standard Pin Material	Temperature						Chain Strength		FDA Approval
			Fahrenheit			Celsius					
			min	max		min	max		lbs	N	
			dry	wet		dry	wet				
Standard Materials											
HP™	High Performance	Stainless Steel	-40	+180	+150	-40	+82	+66	365	1,624	✓
LF	Low Friction	Stainless Steel	-40	+180	+150	-40	+82	+66	365	1,624	✓
Made-to-Order Materials											
AS	Anti-Static	Stainless Steel	0	+180	+150	-18	+82	+66	219	974	-
CR	Extreme Chemical Resistant	Stainless Steel	+40	+240	+212	+4	+116	+100	292	1,299	✓
D	Plain Acetal	Stainless Steel	-40	+180	+150	-40	+82	+66	365	1,624	-
FR	Flame Retardant	Stainless Steel	0	+180	+140	-18	+82	+60	219	974	-
WHP	White High Performance	Stainless Steel	-40	+180	+150	-40	+82	+66	365	1,624	✓
MR	Melt Resistant	Stainless Steel	-80	+220	NR	-62	+104	NR	365	1,624	-
P	Chemical Resistant	Stainless Steel	0	+180	+140	-18	+82	+60	292	1,299	✓
BWR	Black Wear Resistant	Stainless Steel	-40	+180	NR	-40	+82	NR	438	1,948	-
PS®	Platinum Series®	Stainless Steel	-40	+180	+150	-40	+82	+66	365	1,624	✓
WX	Green Abrasion Resistant Polyamide	Stainless Steel	-40	+220	NR	-40	+104	NR	365	1,624	-

Chain strength is listed at room temperature. NR = Not Recommended.

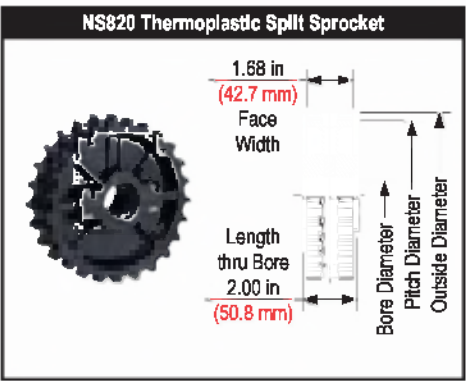
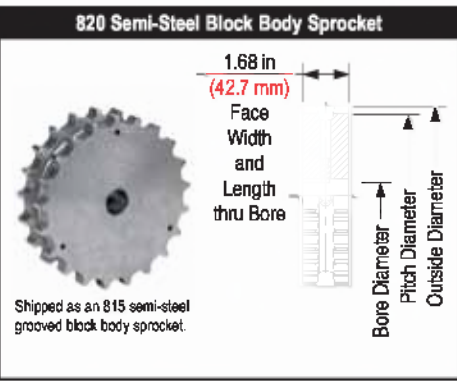
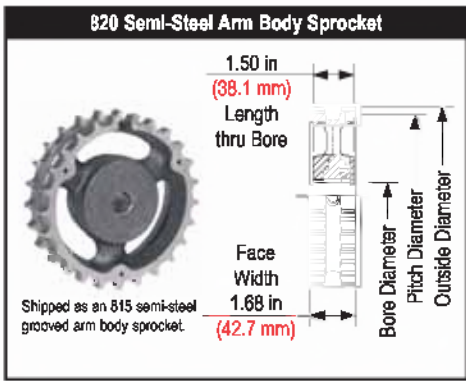
Regulatory Information

The Food and Drug Administration (FDA) accepts certain materials for direct food contact. FDA approved material is compliant to FDA 21 CFR § 177.

Rexnord, TableTop, Platinum Series, HP and PS are trademarks of Rexnord Industries, LLC.

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- ### Additional Notes
1. Stocked in 80 pitch, 10 ft (3.048 m) length strands.
 2. Thermoplastic pins are available on a made-to-order basis.



820 Semi-Steel Arm Body Sprocket Information

Number of Teeth		Pitch Diameter		Outside Diameter		Bore Diameter (Shaft-Ready)								Bore Diameter (Round)				Approximate Weight	
						Round				Square				in		mm			
						min	max	min	max	min	max	min	max	min	max	min	max		
actual	effect	in	mm	in	mm	min	max	min	max	min	max	min	max	min	max	min	max	lbs	kg
19	9-1/2	4.622	117.35	4.61	117.1	1	1-1/4	20	30	-	-	-	-	1	1-1/4	20	30	3.28	1.49
20	10	4.854	123.29	4.86	123.4	1	1-1/4	20	30	-	-	-	-	1	1-1/4	20	30	3.81	1.73
21	10-1/2	5.089	129.26	5.12	130.0	1	1-3/4	20	45	-	-	-	-	1	1-3/4	20	45	4.63	2.10
22	11	5.324	135.23	5.35	135.9	1	1-3/4	20	45	-	-	-	-	1	1-3/4	20	45	4.21	1.91
23	11-1/2	5.560	141.22	5.59	142.0	1	1-3/4	20	45	-	-	-	-	1	1-3/4	20	45	5.31	2.41
24	12	5.796	147.22	5.83	148.1	1	1-3/4	20	45	-	-	-	-	1	1-3/4	20	45	4.41	2.00
25	12-1/2	6.032	153.21	6.07	154.2	1	1-3/4	20	45	-	-	-	-	1	1-3/4	20	45	5.57	2.53
27	13-1/2	6.504	165.20	6.56	166.6	1	1-3/4	20	45	-	-	-	-	1	1-3/4	20	45	6.50	2.95
29	14-1/2	6.978	177.24	7.05	179.1	1	1-3/4	20	45	-	-	-	-	1	1-3/4	20	45	6.72	3.05
31	15-1/2	7.452	189.28	7.53	191.3	1	1-3/4	20	45	-	-	-	-	1	1-3/4	20	45	6.86	3.11
41	20-1/2	9.826	249.58	9.93	252.2	1	2-1/2	20	65	-	-	-	-	1	2-1/2	20	65	16.23	7.36

Shaft-ready round bore sprockets are shipped with keyway and setscrew.

820 Semi-Steel Block Body Sprocket Information

Number of Teeth		Pitch Diameter		Outside Diameter		Bore Diameter (Shaft-Ready)								Bore Diameter (Round)				Approximate Weight	
						Round				Square				in		mm			
						min	max	min	max	min	max	min	max	min	max	min	max		
actual	effect	in	mm	in	mm	min	max	min	max	min	max	min	max	min	max	min	max	lbs	kg
13	6-1/2	3.228	81.99	3.11	79.0	1	1-1/4	20	30	-	-	-	-	1	1-1/4	20	30	2.45	1.11
15	7-1/2	3.688	93.68	3.63	92.2	1	1-1/4	20	30	-	-	-	-	1	1-1/4	20	30	3.57	1.62
17	8-1/2	4.152	105.46	4.12	104.7	1	1-11/16	20	40	-	-	-	-	1	1-11/16	20	40	4.83	2.19
21	10-1/2	5.089	129.26	5.12	130.0	1	2-11/16	20	70	-	-	-	-	1	2-11/16	20	70	4.63	2.10
25	12-1/2	6.032	153.21	6.07	154.2	1	3-7/16	20	90	-	-	-	-	1	3-7/16	20	90	5.57	2.53

Shaft-ready round bore sprockets are shipped with keyway and setscrews.

NS820 Thermoplastic Split Sprocket Information

Number of Teeth		Pitch Diameter		Outside Diameter		Bore Diameter (Shaft-Ready)								Bore Diameter (Idler)				Approximate Weight	
						Round				Square				in		mm			
						min	max	min	max	min	max	min	max	min	max	min	max		
actual	effect	in	mm	in	mm	min	max	min	max	min	max	min	max	min	max	min	max	lbs	kg
21	10-1/2	5.089	129.26	5.12	130.0	1	1-5/8	25	40	-	-	-	-	1	1-5/8	25	40	1.01	0.46
23	11-1/2	5.560	141.22	5.59	142.0	1	1-5/8	25	40	-	-	-	-	1	1-5/8	25	40	1.19	0.54
25	12-1/2	6.032	153.21	6.07	154.2	1	2	25	50	-	-	-	-	1	2	25	50	1.39	0.63
27	13-1/2	6.504	165.20	6.56	166.6	1	1-5/8	25	40	-	-	-	-	1	1-5/8	25	40	1.76	0.80

Imperial shaft-ready round bore sprockets are shipped with keyway and setscrew. Metric shaft-ready round bore sprockets are shipped with keyway, but without setscrew. Idler bores are designed to spin freely on the shaft.

