

Optimized design and construction include stainless disc packs and corrosion protection; additional modifications may be made to reduce coupling weight, or special mountings to make it an economical alternative to high performance styles. Common engineered solutions are available such as torque overload protection, electrically insulated, spark resistant, and alloy construction.

The XT52 couplings are an all-purpose high-speed, high-torque coupling used where minimum coupling weight is desirable. The XT52 couplings are API 610, ISO 14691 compliant when specified, and ATEX II 2GD c T6 certified. Common applications include motor and turbine driven pumps, compressors, fans, synchronized rollers, wire feeders and blowers.

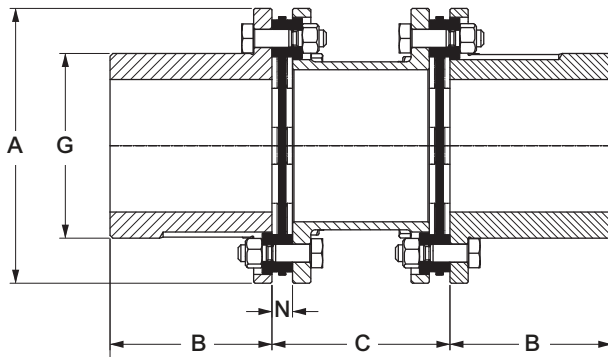
Construction

Hubs and Center assembly: Carbon steel

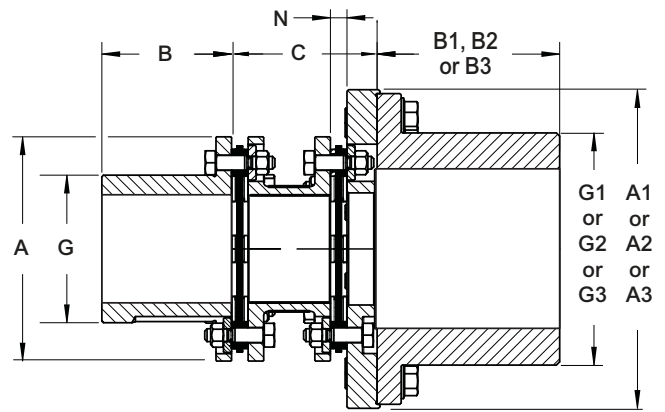
Bolts: Alloy steel

Disc Packs: Stainless steel. Max misalignment is 2/3° per disc pack for sizes 494 & 644, 1/2° per disc pack for sizes 726-996, and 1/3° per disc pack for sizes 1088-5258.

Coatings Available: Manganese Phosphate provided as standard. Other coatings available upon request.



STANDARD HUB (WITHOUT ADAPTER)



WITH ADAPTER AND LARGE HUB



WITHOUT ADAPTER



WITH ADAPTER

Example Selection:

1. Select coupling size 1088 for 19,000 lb-in torque and 2.5 in pump shaft diameter.
2. Select XXL 2nd hub for 3.5 in motor shaft diameter.
3. Therefore, coupling is a 1088 XTSR52 XXL.

A 1088 XTSR52 XXL has one hub with 2.5 in max bore and one hub with 4 in max bore.

General Coupling Data

An optional one size larger LH hub, two sizes larger XL hub, or three sizes larger XXL hub is available with adapter to increase bore capacity.

Size	Max. Cont. Torque (lb•in) ⑤	③ Std Hub Max. Bore	③ LH Hub Max. Bore	③ XL Hub Max. Bore	③ XXL Hub Max. Bore	Min. C (in)	Min. C with Adapter (in)	⑥⑦ Max. C (in)	Max. Speed (rpm)		① Axial Capacity (in)	N (in)	② WR ² (lb•in ²)
									④ Not Balanced	Balanced			
494	750	1.00	1.13	1.50	1.63	3.23	3.74	6.40	13,800	23,000	±0.05	0.339	1.65
644	1,280	1.50	1.50	—	2.00	3.23	3.78	9.40	12,500	21,500	±0.07	0.339	3.89
726	2,630	1.75	—	2.00	2.38	3.23	3.72	14.68	12,000	20,000	±0.05	0.339	6.55
826	4,900	2.00	—	2.38	2.88	3.47	4.06	14.74	10,900	18,500	±0.06	0.368	15.4
996	8,210	2.25	2.38	2.88	3.38	3.84	4.59	30.76	9,800	15,000	±0.07	0.378	32.6
1088	19,400	2.50	2.88	3.38	4.00	4.06	4.80	30.82	9,000	14,000	±0.05	0.408	64.2
1298	31,400	3.00	3.38	4.00	4.50	4.56	5.46	31.02	8,000	12,000	±0.06	0.508	152
1548	52,300	3.50	4.00	4.50	5.00	5.04	6.11	31.16	7,100	10,000	±0.07	0.582	336
1698	72,500	4.00	4.50	5.00	5.50	6.00	7.22	31.24	6,600	9,100	±0.08	0.622	568
1928	98,200	4.50	5.00	5.50	6.00	6.30	7.59	31.34	6,100	8,500	±0.09	0.672	968
2068	136,000	4.75	5.50	6.00	6.50	6.93	8.47	31.45	5,800	7,800	±0.10	0.725	1,470
2278	176,000	5.38	6.00	6.50	7.75	8.38	9.97	31.51	5,500	7,100	±0.11	0.755	2,430
2468	232,000	5.75	6.50	7.75	8.63	8.73	10.42	31.61	5,200	6,500	±0.12	0.807	3,550
2698	318,000	6.00	7.75	8.63	9.13	9.36	11.27	43.85	4,800	6,000	±0.13	0.924	5,540
2888	416,000	6.75	8.63	9.13	10.00	10.63	12.68	43.98	4,600	5,700	±0.14	0.991	8,570
3058	461,000	7.13	9.13	10.00	11.00	10.63	12.69	43.98	4,400	5,400	±0.15	0.991	11,100
3358	622,000	8.00	10.00	11.00	11.50	11.88	14.21	44.15	4,200	4,700	±0.16	1.076	17,700
3668	834,000	8.88	11.00	11.50	12.25	12.62	15.09	44.39	3,900	4,400	±0.17	1.196	29,100
3908	909,000	9.50	11.50	12.25	14.00	12.62	15.12	44.39	3,800	4,100	±0.19	1.196	37,600
4178	1,130,000	10.13	12.25	14.00	15.00	13.50	16.26	44.55	3,600	3,900	±0.20	1.277	52,700
4588	1,670,000	11.00	14.00	15.00	16.00	19.62	22.77	40.83	3,400	3,600	±0.22	1.415	90,800
4918	2,080,000	11.75	15.00	16.00	—	20.38	23.68	41.00	3,200	3,300	±0.23	1.501	129,000
5258	2,510,000	12.63	16.00	—	—	21.25	24.82	41.17	3,100	3,100	±0.25	1.586	179,000

Size	Std A (in)	LH A1 (in)	XL A2 (in)	XXL A3 (in)	Std B (in)	LH B1 (in)	XL B2 (in)	XXL B3 (in)	Std G (in)	LH G1 (in)	XL G2 (in)	XXL G3 (in)	② Std Weight (lb)	Weight Change Per in of "C" (lb/in)
494	2.76	2.77	3.36	3.74	0.79	0.79	0.98	1.38	1.61	1.65	2.28	2.32	1.9	0.091
644	3.35	3.36	—	4.25	0.98	0.98	—	1.65	2.20	2.28	—	2.87	3.0	0.169
726	3.74	—	4.25	5.08	1.18	—	1.65	2.01	2.51	—	2.87	3.39	3.9	0.203
826	4.25	—	5.08	5.51	1.97	—	2.01	3.23	2.83	—	3.39	4.09	7.4	0.315
996	5.08	5.08	5.51	6.54	1.97	2.01	3.23	3.74	3.32	3.39	4.09	4.84	10.5	0.286
1088	5.51	5.51	6.54	7.83	3.19	3.23	3.74	4.49	3.63	4.09	4.84	5.71	18.4	0.551
1298	6.54	6.54	7.83	8.66	3.82	3.74	4.49	4.80	4.35	4.84	5.71	6.50	29.9	0.687
1548	7.76	7.83	8.66	9.66	3.82	4.49	4.80	5.31	5.21	5.71	6.50	7.17	45.9	0.983
1698	8.58	8.66	9.66	10.39	4.33	4.80	5.31	6.10	5.78	6.50	7.17	7.87	63.9	1.23
1928	9.65	9.66	10.39	11.44	4.33	5.31	6.10	6.57	6.60	7.17	7.87	8.66	84.2	1.50
2068	10.39	10.39	11.44	12.32	4.92	6.10	6.57	7.48	7.03	7.87	8.66	9.29	110	1.90
2278	11.46	11.44	12.32	13.58	5.71	6.57	7.48	7.28	7.74	8.66	9.29	11.02	154	2.21
2468	12.32	12.32	13.58	15.00	5.91	7.48	7.28	7.87	8.41	9.29	11.02	12.13	192	2.66
2698	13.50	13.58	15.00	15.94	5.91	7.28	7.87	7.52	9.14	11.02	12.13	13.07	245	3.39
2888	14.61	15.00	15.94	17.20	6.89	7.87	7.52	8.86	9.69	12.13	13.07	13.98	331	4.35
3058	15.55	15.94	17.20	18.98	7.28	7.52	8.86	10.12	10.35	13.07	13.98	15.67	380	4.32
3358	16.81	17.20	18.98	19.80	9.65	8.86	10.12	9.80	11.34	13.98	15.67	16.50	512	5.37
3668	18.35	18.98	19.80	20.83	11.06	10.12	9.80	10.47	12.41	15.67	16.50	17.48	725	6.58
3908	19.29	19.80	20.83	23.94	11.93	9.80	10.47	11.81	13.35	16.50	17.48	19.84	840	6.46
4178	20.63	20.83	23.94	25.51	12.68	10.47	11.81	12.60	14.22	17.48	19.84	21.46	1030	7.51
4588	23.11	23.94	25.51	26.69	13.78	11.81	12.60	13.62	15.44	19.84	21.46	22.64	1460	10.5
4918	24.80	25.51	26.69	—	14.76	12.60	13.62	—	16.55	21.46	22.64	—	1800	12.4
5258	26.46	25.51	—	—	15.79	—	—	—	17.70	—	—	—	2190	13.9

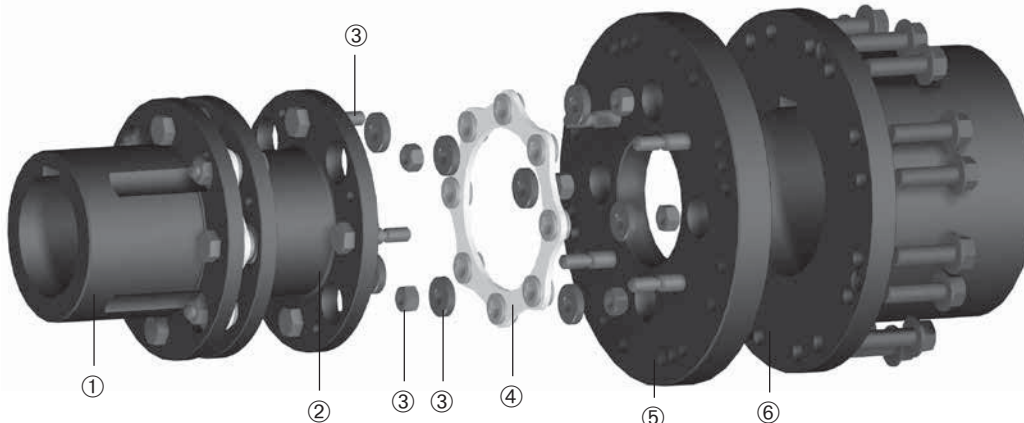
- ① All Thomas disc couplings meet NEMA frame sleeve bearing motor specifications without modification or the addition of end-float restricting devices.
- ② Weight and WR² of couplings without adapters at maximum bore and minimum "C" dimension listed.
- ③ Consult Rexnord for minimum rough bore sizes.
- ④ XTSR52 couplings meet AGMA Class 9 balance requirements as manufactured with interference fit bore and close fit keyway. If clearance fit and/or setscrews are required, consult Rexnord.
- ⑤ Peak Overload Torque (lb•in) is twice the Maximum Continuous Torque.
- ⑥ Consult Rexnord for C lengths greater than 31.61 in for sizes 2698-5258.
- ⑦ If larger C lengths are required than the listed Max., refer to XTSR52 page.

Component Part Numbers

Size	① Standard Hub	⑥ LH Hub + Cap Screw Kit	⑥ XL Hub + Cap Screw Kit	⑥ XXL Hub + Cap Screw Kit	Adapters ⑤			Inch Standard C Dimensions						
					LH Part No.	XL Part No.	XXL Part No.	3.5"	3.75"	4.375"	5.0"	7.5"	8.0"	9.0"
								② Standard Center Member When Adapter Not Used						
494	10003201	10611141	10611142	10001611	10003209	10003210	10003211	10003219	10003220	-	10003221	-	-	-
644	10003202	10611142	-	10001612	10003212	-	10003214	10003227	10003228	-	10003229	-	-	-
726	10001191	10001611	10001612	10001613	10000241	10001161	10002621	10000921	10467168	-	10000922	-	-	-
826	10001192	10001612	10001613	10001614	10000242	10001162	10002622	10000923	10467167	-	10000924	-	-	-
996	10001193	10001613	10001614	10001615	10000243	10001163	10002623	-	-	10000925	10000926	-	-	-
1088	10001194	10001614	10001615	10001616	10000244	10001164	10002624	-	-	10000927	10000928	-	-	-
1298	10001195	10001615	10001616	10001617	10000245	10001165	10002625	-	-	-	10000930	-	-	-
1548	10001196	10001616	10001617	10001618	10000246	10001166	10002626	-	-	-	10000931	10000932	10000933	-
1698	10001197	10001617	10001618	10001619	10000247	10001167	10002627	-	-	-	-	10000934	10000935	-
1928	10001198	10001618	10001619	10001620	10000248	10001168	10002628	-	-	-	-	10000936	10000937	10000938
2068	10001199	10001619	10001620	10001621	10000249	10001169	10002629	-	-	-	-	10000939	10000940	10000941
2278	10001200	10001620	10001621	10001622	10000250	10001170	10002630	-	-	-	-	-	-	10000943
2468	10001201	10001621	10001622	10001623	10000251	10001171	10002631	-	-	-	-	-	-	10000944
2698	10001202	10001622	10001623	10001624	10000252	10001172	10002632	-	-	-	-	-	-	-
2888	10001203	10001623	10001624	10001631	10000253	10001173	10002633	-	-	-	-	-	-	-
3058	10001204	10001624	10001631	10001625	10000254	10001174	10002634	-	-	-	-	-	-	-
3358	10001205	10001631	10001625	10001626	10000255	10001175	10002635	-	-	-	-	-	-	-
3668	10001206	10001625	10001626	10001626	10000256	10001176	10002636	-	-	-	-	-	-	-
3908	10001207	10001626	10001627	10001628	10000257	10001177	10002637	-	-	-	-	-	-	-
4178	10001208	10001627	10001628	10001629	10000258	10001178	10002638	-	-	-	-	-	-	-
4588	10001209	10001628	10001629	10001630	10000259	10001179	10002639	-	-	-	-	-	-	-
4918	10001210	10001629	10001630	-	10000260	10001180	-	-	-	-	-	-	-	-
5258	10001211	10001630	-	-	10000261	-	-	-	-	-	-	-	-	-

NOTE: An optional one size larger LH hub, two sizes larger XL hub, or three sizes larger XXL hub is available with adapter to increase bore capacity.

Size	Metric Standard C Dimensions				Inch Standard C Dimensions When Adapter Used					Metric Standard C Dimensions				③ Disc Pack Hardware Kit	④ Disc Pack
	100mm	140mm	180mm	250mm	4.375"	5.0"	7.5"	8.0"	9.0"	100mm	140mm	180mm	250mm		
	② Standard Center Member When Adapter Not Used				② Standard Center Member When Adapter Used (LH, XL, XXL)										
494	10003222	10003223	-	-	-	10003224	-	-	-	10003225	10003226	-	-	10611144	10003753
644	10003230	10003231	-	-	-	10003232	-	-	-	10003233	10003234	-	-	10611145	10002803
726	10000831	10000910	-	-	-	10447053	-	-	-	10399144	10447054	-	-	10001561	10000091
826	10000832	10000911	-	-	10447077	10447078	-	-	-	-	10397202	-	-	10001562	10000092
996	10000912	10000833	10000913	-	-	10447082	-	-	-	-	10399148	10397204	-	10001563	10000093
1088	-	10000834	10000914	-	-	10404466	-	-	-	-	10399150	10397205	-	10001564	10000094
1298	-	10000835	10000915	-	-	-	-	-	-	-	10447083	10397206	-	10001565	10000095
1548	-	10000916	10000836	10000917	-	-	10447085	10447086	-	-	-	10399155	10447084	10001566	10000096
1698	-	-	10000837	10000918	-	-	10447087	10447088	-	-	-	-	10397207	10001567	10000097
1928	-	-	10000838	10000919	-	-	-	10447089	10447090	-	-	-	10397208	10001568	10000098
2068	-	-	10000920	10000839	-	-	-	-	10447043	-	-	-	10397211	10001569	10000099
2278	-	-	-	10000840	-	-	-	-	-	-	-	-	-	10001570	10000100
2468	-	-	-	10000841	-	-	-	-	-	-	-	-	-	10001571	10000101
2698	-	-	-	10000842	-	-	-	-	-	-	-	-	-	10001572	10000102
2888	-	-	-	10000843	-	-	-	-	-	-	-	-	-	10001573	10000103
3058	-	-	-	10000844	-	-	-	-	-	-	-	-	-	10001574	10000104
3358	-	-	-	10000845	-	-	-	-	-	-	-	-	-	10001575	10000105
3668	-	-	-	-	-	-	-	-	-	-	-	-	-	10001576	10000106
3908	-	-	-	-	-	-	-	-	-	-	-	-	-	10001577	10000107
4178	-	-	-	-	-	-	-	-	-	-	-	-	-	10001578	10000108
4588	-	-	-	-	-	-	-	-	-	-	-	-	-	10001579	10000109
4918	-	-	-	-	-	-	-	-	-	-	-	-	-	10001580	10000110
5258	-	-	-	-	-	-	-	-	-	-	-	-	-	10001581	10000111



The XTSRLS52 couplings are an all-purpose high-torque coupling used where minimum coupling weight is desirable at longer coupling spans. Optimized design and construction include stainless disc packs. An optional one size larger LH hub, two sizes larger XL hub, or three sizes larger XXL hub is available with adapter to increase bore capacity.

The XTSRLS52 couplings are API 610, ISO 10441, ISO 14691 compliant when specified, and ATEX II 2GD c T6 certified. Common applications include motor and turbine driven compressors, fans, synchronized rollers, wire feeders and blowers.

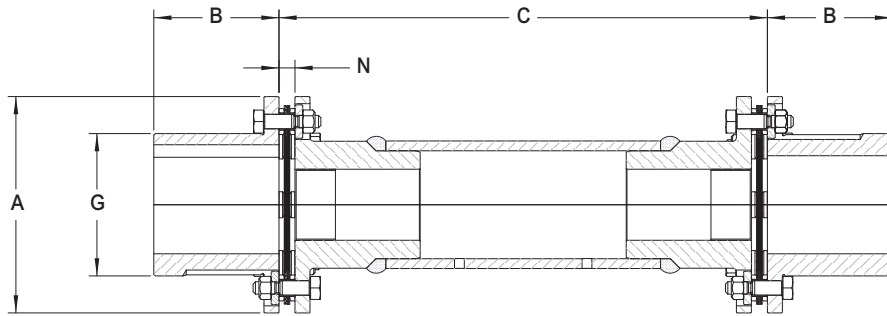
Construction

Hubs and Center assembly: Carbon steel with welded carbon steel tube

Bolts: Alloy steel

Disc Packs: Stainless steel. Max misalignment is 1/2° per disc pack for sizes 726-996,
and 1/3° per disc pack for sizes 1088-4588.

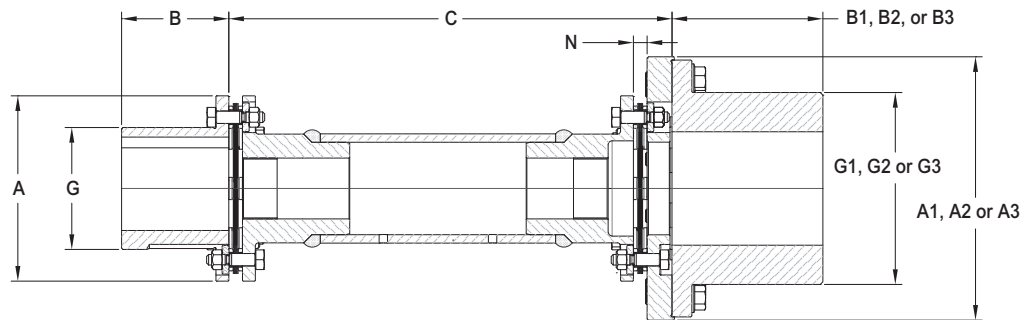
Coatings Available: Consult Rexnord



STANDARD HUB (WITHOUT ADAPTER)



WITHOUT ADAPTER



WITH ADAPTER AND LARGE HUB



WITH ADAPTER

Example Selection:

1. Select coupling size 1088 for a 19,000 lb-in torque and 2.5 in pump shaft diameter.
2. Select XXL 2nd hub for 3.5 in motor shaft diameter.
3. Operation speed is 1,800 rpm.
4. DBSE is 78.75 in.
5. Therefore, coupling is a 1088 XTSRLS52 XXL to accommodate long span need.

A 1088 XTSRLS52 XXL has one hub with 2.5in max bore and one hub with 4in max bore. The max DBSE without an adapter is 87 in at 1,800 rpm.

General Coupling Data

Size	④ Max. Cont. Torque (lb•in)	③ Std Hub Max. Bore	③ LH Hub Max. Bore	③ XL Hub Max. Bore	③ XXL Hub Max. Bore	⑤ Min. C (in)	Min. C with Adapter (in)	① Axial Capac- ity (in)	N (in)	② WR2 (lb•in ²)	② Std Weight (lb)	Weight Change Per in of "C" (lb/in)
726	2,630	1.75	—	2.00	2.38	14.68	15.17	±0.05	0.339	9.11	6.60	0.119
826	4,900	2.00	—	2.38	2.88	14.74	15.33	±0.06	0.368	21.6	12.1	0.264
996	8,210	2.25	2.38	2.88	3.38	30.76	31.51	±0.07	0.378	55.1	22.1	0.320
1088	19,400	2.50	2.88	3.38	4.00	30.82	31.56	±0.05	0.408	114	42.8	0.667
1298	31,400	3.00	3.38	4.00	4.50	31.02	31.92	±0.06	0.508	254	62.7	0.834
1548	52,300	3.50	4.00	4.50	5.00	31.16	32.23	±0.07	0.582	518	86.0	1.00
1698	72,500	4.00	4.50	5.00	5.50	31.24	32.47	±0.08	0.622	807	107	1.11
1928	98,200	4.50	5.00	5.50	6.00	31.34	32.63	±0.09	0.672	1,350	135	1.28
2068	136,000	4.75	5.50	6.00	6.50	31.45	32.99	±0.10	0.725	2,110	196	1.96
2278	176,000	5.38	6.00	6.50	7.75	31.51	33.10	±0.11	0.755	3,360	253	2.21
2468	232,000	5.75	6.50	7.75	8.63	31.61	33.31	±0.12	0.807	4,690	295	2.38
2698	318,000	6.00	7.75	8.63	9.13	43.85	45.76	±0.13	0.924	8,150	443	3.44
2888	416,000	6.75	8.63	9.13	10.00	43.98	46.03	±0.14	0.991	11,600	538	3.67
3058	461,000	7.13	9.13	10.00	11.00	43.98	46.05	±0.15	0.991	15,200	616	4.00
3358	622,000	8.00	10.00	11.00	11.50	44.15	46.48	±0.16	1.076	25,000	891	5.40
3668	834,000	8.88	11.00	11.50	12.25	44.39	46.86	±0.17	1.196	38,800	1,130	5.98
3908	909,000	9.50	11.50	12.25	14.00	44.39	46.89	±0.19	1.196	52,500	1,390	7.67
4178	1,130,000	10.13	12.25	14.00	15.00	44.55	47.31	±0.20	1.277	71,400	1,430	8.17
4588	1,670,000	11.00	14.00	15.00	16.00	40.83	43.98	±0.22	1.415	115,000	2,180	10.9

Size	Std A (in)	LH A1 (in)	XL A2 (in)	XXL A3 (in)	Std B (in)	LH B1 (in)	XL B2 (in)	XXL B3 (in)	Std G (in)	LH G1 (in)	XL G2 (in)	XXL G3 (in)
726	3.74	—	4.25	5.08	1.18	—	1.65	2.01	2.51	—	2.87	3.39
826	4.25	—	5.08	5.51	1.97	—	2.01	3.23	2.83	—	3.39	4.09
996	5.08	5.08	5.51	6.54	1.97	2.01	3.23	3.74	3.32	3.39	4.09	4.84
1088	5.51	5.51	6.54	7.83	3.19	3.23	3.74	4.49	3.63	4.09	4.84	5.71
1298	6.54	6.54	7.83	8.66	3.82	3.74	4.49	4.80	4.35	4.84	5.71	6.50
1548	7.76	7.83	8.66	9.66	3.82	4.49	4.80	5.31	5.21	5.71	6.50	7.17
1698	8.58	8.66	9.66	10.39	4.33	4.80	5.31	6.10	5.78	6.50	7.17	7.87
1928	9.65	9.66	10.39	11.44	4.33	5.31	6.10	6.57	6.60	7.17	7.87	8.66
2068	10.39	10.39	11.44	12.32	4.92	6.10	6.57	7.48	7.03	7.87	8.66	9.29
2278	11.46	11.44	12.32	13.58	5.71	6.57	7.48	7.28	7.74	8.66	9.29	11.02
2468	12.32	12.32	13.58	15.00	5.91	7.48	7.28	7.87	8.41	9.29	11.02	12.13
2698	13.50	13.58	15.00	15.94	5.91	7.28	7.87	7.52	9.14	11.02	12.13	13.07
2888	14.61	15.00	15.94	17.20	6.89	7.87	7.52	8.86	9.69	12.13	13.07	13.98
3058	15.55	15.94	17.20	18.98	7.28	7.52	8.86	10.12	10.35	13.07	13.98	15.67
3358	16.81	17.20	18.98	19.80	9.65	8.86	10.12	9.80	11.34	13.98	15.67	16.50
3668	18.35	18.98	19.80	20.83	11.06	10.12	9.80	10.47	12.41	15.67	16.50	17.48
3908	19.29	19.80	20.83	23.94	11.93	9.80	10.47	11.81	13.35	16.50	17.48	19.84
4178	20.63	20.83	23.94	25.51	12.68	10.47	11.81	12.60	14.22	17.48	19.84	21.46
4588	23.11	23.94	25.51	26.69	13.78	11.81	12.60	13.62	15.44	19.84	21.46	22.64

- ① All Thomas disc couplings meet NEMA frame sleeve bearing motor specifications without modification or the addition of end-float restricting devices.
- ② Weight and WR² of couplings with standard adapters at maximum bore and minimum "C" dimension listed.
- ③ Consult Rexnord for minimum rough bore sizes.
- ④ Peak Overload Torque (lb • in) is twice the Maximum Continuous Torque.
- ⑤ If shorter C lengths are required than the listed minimums, refer to XTSR52 page.

Maximum C (Without Adapter) at Given rpm (in)

Size	3,600 rpm	3,000 rpm	1,800 rpm	1,500 rpm	1,200 rpm	1,000 rpm	900 rpm	750 rpm	720 rpm	600 rpm	500 rpm
726	51	56	72	79	88	96	101	111	113	124	136
826	54	60	77	84	94	103	109	119	122	133	146
996	60	66	85	93	104	114	120	131	134	147	161
1088	61	67	87	95	106	116	123	134	137	150	164
1298	68	75	97	106	119	130	137	150	153	168	184
1548	75	82	106	116	130	142	150	164	168	184	201
1698	79	87	112	122	137	150	158	173	177	194	212
1928	85	93	120	131	147	161	169	186	189	208	227
2068	86	94	121	133	148	163	171	188	192	210	230
2278	91	100	129	141	158	173	182	199	203	223	244
2468	94	103	133	146	163	179	189	207	211	231	253
2698	98	108	139	152	170	187	197	216	220	241	264
2888	102	111	144	157	176	193	203	222	227	249	272
3058	106	116	150	164	184	201	212	232	237	260	285
3358	110	120	155	170	190	208	219	240	245	269	294
3668	115	126	163	178	200	219	230	252	258	282	309
3908	120	131	170	186	208	228	240	263	268	294	322
4178	124	136	175	192	214	235	247	271	277	303	332
4588	128	140	181	198	221	243	256	280	286	313	343

NOTE: Consult Rexnord for intended applications at speeds not covered in the table.

Component Part Numbers

Size	① Standard Hub	② LH Hub + Cap Screw Kit	② XL Hub + Cap Screw Kit	② XXL Hub + Cap Screw Kit	⑤ Adapters			③ Disc Pack Hardware Kit	④ Disc Pack
					LH Part No.	XL Part No.	XXL Part No.		
726	10001191	10001611	10001612	10001613	10000241	10001161	10002621	10001561	10000091
826	10001192	10001612	10001613	10001614	10000242	10001162	10002622	10001562	10000092
996	10001193	10001613	10001614	10001615	10000243	10001163	10002623	10001563	10000093
1088	10001194	10001614	10001615	10001616	10000244	10001164	10002624	10001564	10000094
1298	10001195	10001615	10001616	10001617	10000245	10001165	10002625	10001565	10000095
1548	10001196	10001616	10001617	10001618	10000246	10001166	10002626	10001566	10000096
1698	10001197	10001617	10001618	10001619	10000247	10001167	10002627	10001567	10000097
1928	10001198	10001618	10001619	10001620	10000248	10001168	10002628	10001568	10000098
2068	10001199	10001619	10001620	10001621	10000249	10001169	10002629	10001569	10000099
2278	10001200	10001620	10001621	10001622	10000250	10001170	10002630	10001570	10000100
2468	10001201	10001621	10001622	10001623	10000251	10001171	10002631	10001571	10000101
2698	10001202	10001622	10001623	10001624	10000252	10001172	10002632	10001572	10000102
2888	10001203	10001623	10001624	10001631	10000253	10001173	10002633	10001573	10000103
3058	10001204	10001624	10001631	10001625	10000254	10001174	10002634	10001574	10000104
3358	10001205	10001631	10001625	10001626	10000255	10001175	10002635	10001575	10000105
3668	10001206	10001625	10001626	10001627	10000256	10001176	10002636	10001576	10000106
3908	10001207	10001626	10001627	10001628	10000257	10001177	10002637	10001577	10000107
4178	10001208	10001627	10001628	10001629	10000258	10001178	10002638	10001578	10000108
4588	10001209	10001628	10001629	10001630	10000259	10001179	10002639	10001579	10000109

