



Thomas SR 72-8

Precision. Power. Performance.

You want a trusted name when it comes to providing engineered power transmission products that improve productivity and efficiency. Rexnord provides superior products for your industrial applications world wide. We work closely with you to reduce maintenance costs, eliminate redundant inventories and prevent equipment downtime.

Applications include:

- ▶ paper mill drives
- ▶ printing machines

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The Rexnord Thomas SR 72-8 is a long span design using components from the SR 71-8. The simple three piece design allows for easy installation and repeatable balance, with improved bore capacity.



Ex II 2G T5

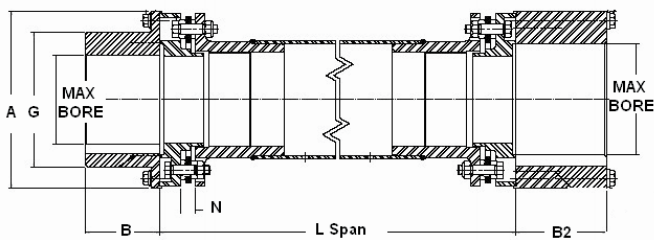
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Features

- ▶ Unitized and piloted center member
- ▶ Bolt on hubs
- ▶ Jacking bolt feature
- ▶ Axial slide hub option

Benefits

- ▶ Ease of installation
- ▶ Repeatable balance
- ▶ Oversize bore capacity
- ▶ Ease of installation
- ▶ Paper machine applications



Torque Demands Driven Machine	Typical Application for Electric Motor or Turbine Driven Equipment	Typical Service Factor
	Constant torque such as centrifugal pumps, blowers and compressors	1.0
	Continuous duty with some torque variations including plastic extruders and forced draft fans	1.5
	Light shock loads from metal extruders, cooling towers and log haulers	2.0
	Moderate shock loading as expected from a car dumper, stone crusher, vibrating screen	2.5
	Heavy shock load with some negative torques from reciprocating pumps, compressors, reversing turnout tables	3.0
	Frequent torque reversals such as reciprocating compressors with frequent torque reversals which do not necessarily include reverse rotations	Consult Rexnord Engineering

Size	Tnom (Nm)	Tmax (Nm)	Maximum span C (mm) for various speeds										Max Bore D		A (mm)	B (mm)	B2 (mm)	Min (mm)	G (mm)	N (mm)	Axial Capacity* (mm)
			500 n-min	600 n-min	720 n-min	750 n-min	900 n-min	1000 n-min	1200 n-min	1500 n-min	1800 n-min	B (mm)	B2 (mm)								
225	1 976	3 952	4360	3980	3650	3590	3250	3090	2840	2510	2280	80	100	152	64	78	224	116	13,3	± 0,91	
262	3 184	6 368	4850	4390	4060	3960	3600	3420	3120	2790	2540	95	112	175	78	90	257	132	15,4	± 1,09	
312	3 963	7 926	5150	4690	4390	4190	3830	3630	3300	2970	2710	112	140	203	90	105	298	160	16,2	± 1,29	
350	7 552	15 104	5410	4950	4520	4410	4030	3830	3500	3120	2870	130	155	227	99	114	356	179	18,6	± 1,42	
375	8 727	17 454	5940	5410	4950	4850	4410	4190	3830	3420	3120	144	176	252	113	131	391	202	20,0	± 1,57	
425	15 161	30 322	5940	5410	4950	4850	4410	4190	3830	3420	3120	159	199	273	124	140	406	214	20,6	± 1,70	
450	15 353	30 706	6190	5630	5150	5050	4620	4360	3980	3580	3250	170	205	294	129	152	457	236	23,0	± 1,82	
500	26 236	52 472	6190	5630	5150	5050	4620	4360	3980	3580	3250	196	241	333	151	172	495	267	24,8	± 2,02	
550	30 391	60 782	7080	6450	5890	5760	5250	5000	4570	4080	3730	215	-	373	167	-	568	292	26,6	± 2,33	
600	30 391	60 782	7080	6450	5890	5760	5250	5000	4570	4080	3730	242	-	416	183	-	591	336	28,0	± 2,59	
700	71 235	142 470	7080	6450	5890	5760	5250	5000	4570	4080	3730	248	-	471	211	-	689	373	30,9	± 2,92	
750	94 694	189 388	7080	6450	5890	5760	5250	5000	4570	4080	3730	275	-	511	227	-	743	413	32,4	± 3,17	

* If application requires higher axial movement please contact Rexnord application engineering



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