



Customer Document title:

Coupling Drawing

Flowserve Document title: **Coupling Drawing**Flowserve Document No.: **1400944-001-5700-01**Document Revision No.: **0**Flowserve Order No.: **1400944**Flowserve Serial No.: **1400944CHP001A/D**Pump Type/Size: **MARK 3 STANDARD / 2K4X3-10RV**Quantity: **4**Customer Name: **DESMET BALLESTRA NORTH AMERICA**

PROJECT - WORPAR

ITEM NBR - PW503AC.1/1-PW503AC.1/2

PW503AC.2/1-PW503AC.2/2

eB NBR - 100212846.000

DATE - 22.10.2021

Customer Tag No: **DESMET TAG#: PW503AC.1/1 - CUSTOMER TAG#: 19-P-750A, DESMET TAG#: PW503AC.1/2 - CUSTOMER TAG#: 19-P-750B, DESMET TAG#: PW503AC.2/1 - CUSTOMER TAG#: 19-P-850A, DESMET TAG#: PW503AC.2/2, CUSTOMER TAG#: 19-P-850B**

Customer PO No.: **28493**End User: **DESMET BALLESTRA NORTH AMERICA**

Please complete and return:

Document Reviewed by:

Document Reviewed date:

- ☐ **APPROVED. NO ACTION REQUIRED**
☐ **APPROVED. RE-SUBMIT AS FINAL**
☐ **APPROVED WITH COMMENTS. DOCUMENT WILL BE MODIFIED AND RESUBMITTED AS FINAL**
☐ **REJECTED. CORRECT AND RE-SUBMIT FOR APPROVAL**
☐ **FOR INFORMATION. REVIEW NOT REQUIRED**
☐ **AS-BUILT**

- Return any documents sent for review with your comments by the stated return date. All documents not returned two weeks after requested Return date will be considered Approved, no action.
- Purchaser's comments and/or corrections within the scope of contract will be made on the first completed document submitted by Flowserve Corp. and returned.
- Corrections, alterations, additions and/or modifications outside scope of contract or made after first submittal may require an additional engineering service charge.
- Items conditionally approved or with deferred approval by purchaser must be specifically stated otherwise delivery may be affected.

Rev	Revision Description	Released	Release Date
	Final		16-Sep-21

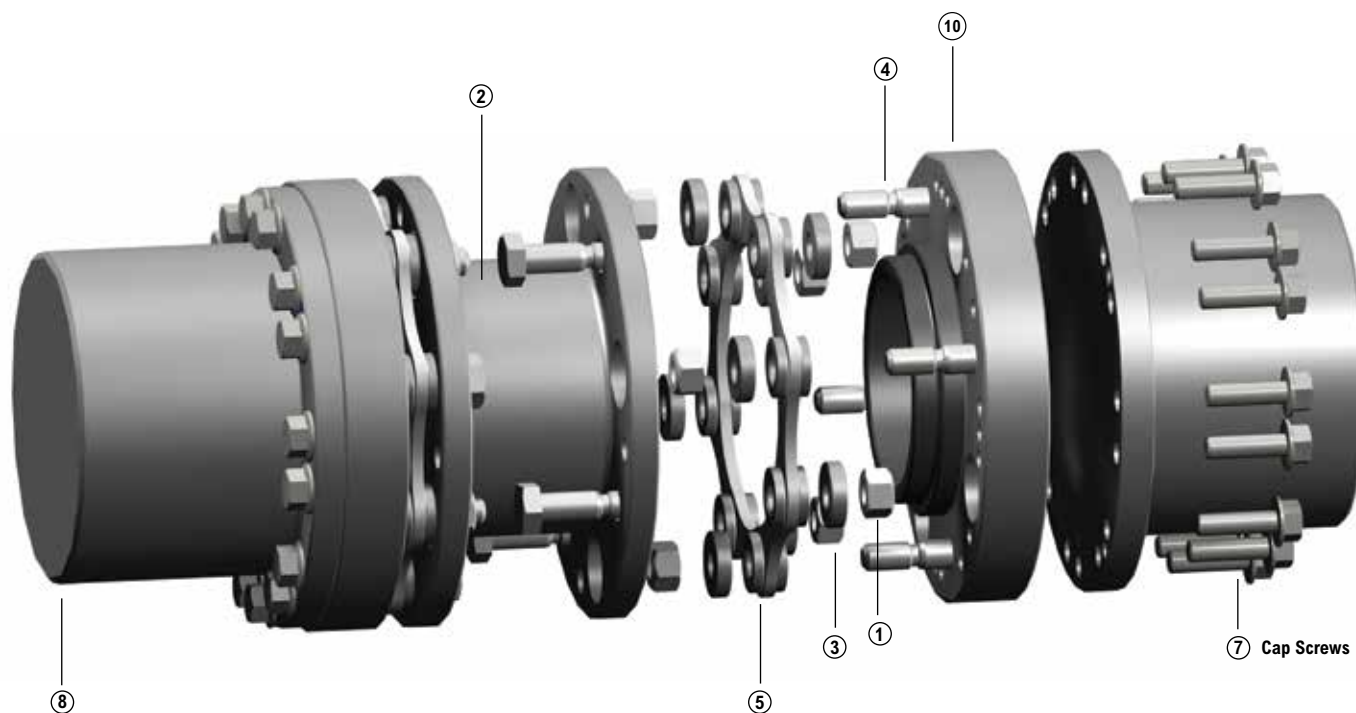
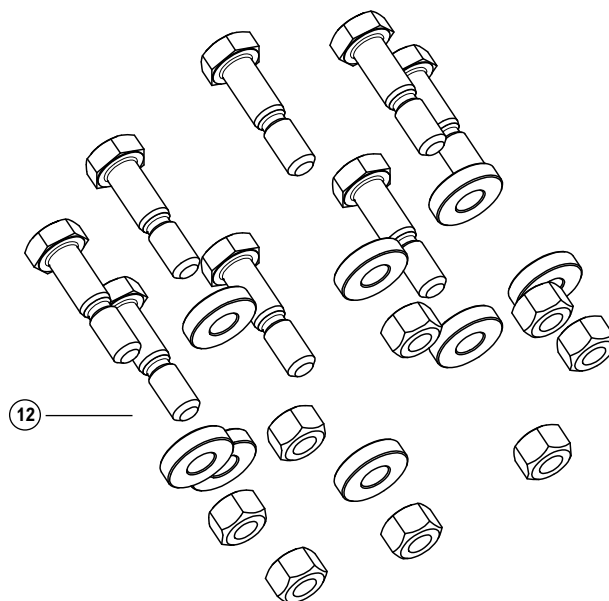


Figure 2 – Thomas XTSR71 Coupling Components



Note: Coupling component numbers above correspond to the component numbers in the column headers of Table 1.



**Figure 3 – Disc Pack Hardware Kit
Consisting of parts ①, ③ and ④ above.**

Thomas XTSR71 couplings are delivered from the factory with a fully assembled center member consisting of a center spool, two adapters, disc packs, bolts, bushings and locknuts that have already been tightened at the factory to the torque specified in Table 5. The center member assembly is ready for field installation and it is recommended that you do not disassemble it unless you are replacing the disc packs. Cap screws will need to be installed and tightened during installation.

Table 1 — Rexnord Thomas XTSR71 Coupling Component part numbers

Note: the circled numbers identified in the column headers below, correspond to the coupling component numbers in Figures 2 and 3.

XTSR71 Coupling Size	Standard Hub + Cap Screw Kit ⑧ Part No.**	XL Hub + Cap Screw Kit Part No.	Standard Adapter ⑩ Part No. (2 per coupling)	XL Adapter	XXL Adapter	Center Spool (1 per Coupling) ②				Disc Pack 2 per Coupling Part No. ⑤	Hardware Kit (Bolts, Locknuts, and Overload Bushings) for One Disc Pack ⑫			
						Part No.	"C" Length (in)	Part No.	"C" Length (mm)		Hardware Kit Part No.*	Bolts Quantity ④	Locknuts Quantity ①	Bushings Quantity ③
494	10611141	10611142	10003755	10003215	10003216	10003235	3.50	10003238	100	10003753	10611144	4	4	4
						10003236	3.75	10003239	140					
						10003237	5.00	---	---					
644	10611142	---	10003754	---	10003218	10003240	3.50	10003243	100	10002803	10611145	4	4	4
						10003241	3.75	10003244	140					
						10003242	5.00	---	---					
726	10001611	10001612	10001131	10001781	10002805	10000871	3.50	10000801	100	10000091	10001561	6	6	6
						10311913	3.75	10000860	140					
						10000872	4.38	---	---					
						10000873	5.00	---	---					
826	10001612	10001613	10001132	10001782	10002806	10355817	3.50	10000802	100	10000092	10001562	6	6	6
						10319474	3.75	10000861	140					
						10000875	4.38	---	---					
						10000876	5.00	---	---					
996	10001613	10001614	10001133	10001783	10002807	10613540	3.75	10000862	100	10000093	10001563	6	6	6
						10000877	4.38	10000803	140					
						10000878	5.00	---	---					
						10000879	7.00	10000863	180					
1088	10001614	10001615	10001134	10001784	10002808	10000880	5.00	10000804	140	10000094	10001564	8	8	8
						10000881	7.00	10000864	180					
1298	10001615	10001616	10001135	10001785	10002809	10000882	5.00	10000805	140	10000095	10001565	8	8	8
						10000883	7.00	10000865	180					
1548	10001616	10001617	10001136	10001786	10002810	10000885	---	---	250	10000096	10001566	8	8	8
1698	10001617	10001618	10001137	10001787	10002811	10000886	7.00	10000807	180	10000097	10001567	8	8	8
						---	---	10000868	250					
1928	10001618	10001619	10001138	10001788	10002812	10000887	7.00	10000808	180	10000098	10001568	8	8	8
						10000888	7.50	10000869	250					
						10000889	8.00	---	---					
2068	10001619	10001620	10001139	10001789	10002813	10000891	8.00	10000809	250	10000099	10001569	8	8	8
2278	10001620	10001621	10001140	10001790	10002814	10000892	8.00	10000810	250	10000100	10001570	8	8	8
2468	10001621	10001622	10001141	10001791	10002815	10000893	9.00	10000811	250	10000101	10001571	8	8	8
2698	10001622	10001623	10001142	10001792	10002816	---	---	10000812	250	10000102	10001572	8	8	8
2888	10001623	10001624	10001143	10001793	10002817	---	---	---	---	10000103	10001573	8	8	8
3058	10001624	10001631	10001144	10001794	10002818	---	---	---	---	10000104	10001574	8	8	8
3358	10001631	10001625	10001145	10001795	10002819	---	---	---	---	10000105	10001575	8	8	8
3668	10001625	10001626	10001146	10001796	10002820	---	---	---	---	10000106	10001576	8	8	8
3908	10001626	10001627	10001147	10001797	10002821	---	---	---	---	10000107	10001577	8	8	8
4178	10001627	10001628	10001148	10001798	10002822	---	---	---	---	10000108	10001578	8	8	8
4588	10001628	10001629	10001149	10001799	10002823	---	---	---	---	10000109	10001579	8	8	8
4918	10001629	10001630	10001150	10001800	---	---	---	---	---	10000110	10001580	8	8	8
5258	10001630	---	10001151	---	---	---	---	---	---	10000111	10001581	8	8	8

*Disc pack hardware sold as kits only.

**All hub part numbers are non bored and include adapter hub hardware kit.