

SECTION A-A

11	10003200	CAPSCREW	4	CLASS 10.9	
10	10000151	CAPSCREW	6	CLASS 10.9	
9	10000181	LOCKNUT	8	CLASS 10	
8	10000211-01	OVERLOAD BUSHING	8	AISI 41 40	
7	10000121	BOLT	8	CLASS 12.9	
6	10003754	ADAPTER	1	AISI 1146 OR 1141 OR 1045	
5	10003218	ADAPTER	1	AISI 1146 OR 1141 OR 1045	
4	10002803	DISC PACK	2	301 STAINLESS STEEL	
3	10003242	CENTERMEMBER	1	AISI 1146 OR 1141 OR 1045	
2	82704	HUB	1	AISI 1146 OR 1141 OR 1045	
1	77413	HUB	1	AISI 1146 OR 1141 OR 1045	
ITEM	PART NO	DESCRIPTION	QTY	MATERIAL	COMMENTS

SULZER	
Engineering Document Review	
This review does not relieve the supplier or originator from the responsibility for accuracy nor permit deviation from contract requirements	
<input checked="" type="checkbox"/>	APPROVED
<input type="checkbox"/>	APPROVED REVISE & RESUBMIT
<input type="checkbox"/>	NOT APPROVED REVISE & RESUBMIT
<input type="checkbox"/>	REVIEWED NO COMMENTS
<input type="checkbox"/>	REVIEWED REVISE & RESUBMIT
By: Arturo Gutierrez	
Date: 8:51 am, Mar 28, 2022	

H. CUSTOMER NOTES  
CUSTOMER MATERIAL NUMBER : CPL100456527001001  
PURCHASER'S NAME: AIR PRODUCTS MANUFACTURING LLC.  
CUSTOMER / CLIENT: WORLD ENERGY PARAMOUNT  
PROJECT NAME / NO.: WORLD ENERGY RENEWABLES PROJECT  
PURCHASER'S P.O. NO.: 4505551384  
SITE / LOCATION: WORLD ENERGY, PARAMOUNT, CA, USA  
EQUIPMENT SERVICE: STRIPPER REFLUX PUMPS  
PUMP TAG NUMBER: 18-P-355 A/B  
DRIVER TAG NUMBER: 18-P-355AM/BM  
PUMP SERIAL NUMBER: 649501 / 649502  
SULZER SALES ORDER NO: 100456527-0010

I.NOTES  
BOTH HUB FLANGES TO BE STAMPED WITH THE CUSTOMER  
PO (4501856114) CUSTOMER MATERIAL NUMBER (CPL100456527001001)  
WBS(Q/0100456527-0010-113) ALSO MARKING THE SIZE AND  
MODEL OF THE COUPLING ON THE HUBS

A. TORSIONAL DATA (CALC.)  
WT = 3.8 kg [ 8.4 lbs]  
WR^2 = 4170.7 kg-mm^2 [14.3 lbs-in^2]  
Kt = 9.62E^3 Nm/rad [8.52E^4 in-lbs/rad]  
(BASED ON 1/3 SHAFT PENETRATION  
FACTOR IN BOTH HUBS)

B. COUPLING TORQUE RATINGS  
MAXIMUM CONTINUOUS = 145 Nm [1280 in-lbs]  
PEAK OVERLOAD = 290 Nm [2560 in-lbs]

C. MISALIGNMENT RATINGS  
MAX. ANGULAR = 2/3° (PER FLEX ELEMENT)  
MAX. PARALLEL OFFSET = 1.07 mm. [0.042 in]  
MAX. AXIAL = ±1.70 mm. [±0.067 in] (DOUBLE FLEXING)

D. OPERATING DATA  
POWER = 11.19 kW[15 HP]  
SPEED = 3600 RPM  
TORQUE = 29.68 Nm [262.60 in-lbs]  
SERVICE FACTOR = 4.87

E. CAUTION NOTE  
FLEX JOINT LOCKNUTS HAVE BEEN FACTORY  
TIGHTENED AND ARE NOT TO BE DISTURBED  
WHEN ASSEMBLING OR DISASSEMBLING  
ON EQUIPMENT.

F. ORDER INFORMATION DATA  
P.O. NO.: 4501856114  
LINE ITEM: 10  
CUSTOMER: SULZER PUMPS MEXICO, SA de CV


G. BALANCING INFORMATION  
COUPLING CONFORMS TO API-610 11<sup>th</sup> EDITION  
COUPLING TO BE ASSEMBLY  
BALANCED PER ISO 1940-1 G2.5  
BALANCE CERTIFICATION REQUIRED.

REVISIONS			THIS DOCUMENT CONTAINS CONFIDENTIAL/PROPRIETARY INFORMATION OF REXNORD INDUSTRIES, LLC. NEITHER RECEIPT NOR POSSESSION THEREOF CONFERS ANY OWNERSHIP INTEREST IN RIGHT TO REPRODUCE OR USE, OR DISCLOSE IN WHOLE OR IN PART, ANY SUCH INFORMATION WITHOUT WRITTEN AUTHORIZATION FROM REXNORD INDUSTRIES, LLC. IT IS SUBJECT TO RETURN UPON DEMAND. THESE COMMODITIES, TECHNOLOGY, OR SOFTWARE ARE SUBJECT TO THE UNITED STATES EXPORT REGULATIONS. DIVERSION CONTRARY TO U.S. LAW AND OTHER RELEVANT EXPORT CONTROLS IS PROHIBITED.			COUPLING ASSEMBLY 0644 XTSR 71-XXL STANDARD		DRAWING NO. C007050		REV.	
-			THIRD ANGLE PROJECTION	mm ----- [INCH]	DR. AKP CHK. AKP	3/14/2022 03/14/2022			SAP MTL. APPROVAL	SHEET	1 OF 1
						ORDER NO. 1999011-3					


CERTIFIED FOR CUSTOMER APPROVAL	
CUSTOMER P.O. #:	4501856114
REXNORD ORDER #:	1999011-3
REV. #:	PER: AKP DATE: MAR-03-2022
PLEASE REVIEW THIS DRAWING AND RETURN	
APPROVED: ( ) AS DRAWN ( ) AS MARKED	
NAME:	DATE:

**REXNORD**  
COUPLING GROUP  
WWW.REXNORD.COM  
**THOMAS**  
Flexible Couplings

CENTERLINE OF GRAVITY

 DRIVER END

2.4 kg. [5.31 lbs] AT 4.1 mm [0.16 in.] FROM SHAFT END,  
TOWARDS EQUIPMENT.

 DRIVEN END

1.4 kg. [2.99 lbs] AT 3.3 mm. [0.13 in] FROM SHAFT END, AWAY  
FROM EQUIPMENT.

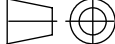
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-							
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