

11	10000151	CAPSCREW	6	CLASS 10.9	
10	10000150	CAPSCREW	6	CLASS 10.9	
9	10000182	LOCKNUT	12	CLASS 10	
8	10000212-01	OVERLOAD BUSHING	12	AISI 4140	
7	10000122	BOLT	12	CLASS 12.9	
6	10001132	ADAPTER	1	AISI 1146 OR 1141 OR 1045	
5	10001782	ADAPTER	1	AISI 1146 OR 1141 OR 1045	
4	10000092	DISC PACK	2	301 STAINLESS STEEL	
3	76868	CENTERMEMBER	1	AISI 1146 OR 1141 OR 1045	
2	77413	HUB	1	AISI 1146 OR 1141 OR 1045	
1	77414	HUB	1	AISI 1146 OR 1141 OR 1045	
ITEM	PART NO	DESCRIPTION	QTY	MATERIAL	COMMENTS


H. CUSTOMER NOTES
PURCHASER'S NAME: AIR PRODUCTS MANUFACTURING LLC.
CUSTOMER / CLIENT: WORLD ENERGY PARAMOUNT
PROJECT NAME / NO.: WORLD ENERGY PARAMOUNT
BIODIESEL PROJECT
PURCHASER'S P.O. NO.: SM00001022
SITE / LOCATION: PARAMOUNT, CA
EQUIPMENT SERVICE: RJFU-B STARTUP OIL PUMP
PUMP TAG NUMBER: 18-P-1812
DRIVER TAG NUMBER: 18-P-1812M
PUMP SERIAL NUMBER: 656619
SULZER SALES ORDER NO: 100488873-0020


I. NOTES

BOTH HUB FLANGES TO BE STAMPED WITH THE CUSTOMER
PO (4501945990-0) WBS (Q/0100488873-0020-113) SAP
(2146227-20) ALSO MARKING THE SIZE AND MODEL
OF THE COUPLING ON THE HUBS.

A. TORSIONAL DATA (CALC.)
 WT = 6.5 kg [14.3 lbs]
 $WR^2 = 11364.9 \text{ kg-mm}^2$ [38.8 lbs-in²]
 $K_t = 4.88E^4 \text{ Nm/rad}$ [4.31E⁵ in-lbs/rad]
 (BASED ON 1/3 SHAFT PENETRATION FACTOR IN BOTH HUBS)

CENTERLINE OF GRAVITY

 - DRIVER END
3.8 kgs [8.38 lbs] AT 1.4 mm [0.06 in] FROM SHAFT END,
AWAY FROM EQUIPMENT.

 - DRIVEN END
2.7 kgs [5.95 lbs] AT 1.8 mm [0.07 in] FROM SHAFT END,
AWAY FROM EQUIPMENT.

B. COUPLING TORQUE RATINGS
MAXIMUM CONTINUOUS = 554 Nm [4900 in-lbs]
PEAK OVERLOAD = 1108 Nm [9800 in-lbs]

C. MISALIGNMENT RATINGS
 MAX. ANGULAR = 1/2° (PER FLEX ELEMENT)
 MAX. PARALLEL OFFSET = 1.21 mm [0.048 in]
 MAX. AXIAL = ±1.50 mm [±0.059 in] (DOUBLE FLEXING)

D. OPERATING DATA
POWER = 74.6 kW [100 HP]
SPEED = 3600 RPM
TORQUE = 197.9 Nm [1751 in-lbs]
SERVICE FACTOR = 2.8

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.: 4501945990-0 LINE ITEM: 20

1. REF. DRAWING NO.: 2-104760253 FRAME:444TS (MOTOR)

2. REF. DRAWING NO.: 2-104760253 SIZE:3x4x13 (PUMP)

CUSTOMER: SULZER PUMPS MEXICO, SA DE CV

G. BALANCING INFORMATION

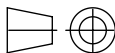
COUPLING CONFORMS TO API-610 12th EDITION

COUPLING TO BE ASSEMBLY BALANCED PER ISO 21940-1 G2.5.

BALANCE CERTIFICATION IS REQUIRED.

SULZER	
Engineering Document Review	
Reviewed for general dimensions and connections. Acceptance does not relieve the supplier of responsibility or liability, and conformance with the Contract Purchase Order and relevant specifications.	
<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: <i>Carlos Hernandez</i>	
Date: <i>11:45 am, Dec 19, 2022</i>	

CERTIFIED FOR CUSTOMER APPROVAL		
CUSTOMER P.O. #:	4501945990-0	
REXNORD ORDER #:	2146227-20	
REV. #:	PER: CRN	DATE: OCT-19-2022
PLEASE REVIEW THIS DRAWING AND RETURN		
APPROVED: () AS DRAWN () AS MARKED		
NAME:		DATE:

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-											
<div>THIRD ANGLE PROJECTION</div> <div></div>		mm	DR.	CRN	10/18/2022	COUPLING ASSEMBLY 0826 XTSR 71-XL STANDARD		DRAWING NO.	S00111335	REV.	-
		[INCH]	CHK.	CRN	10/19/2022			SAP MTL.	APPROVAL	SHEET	1 OF 1
								ORDER NO.	2146227-20		