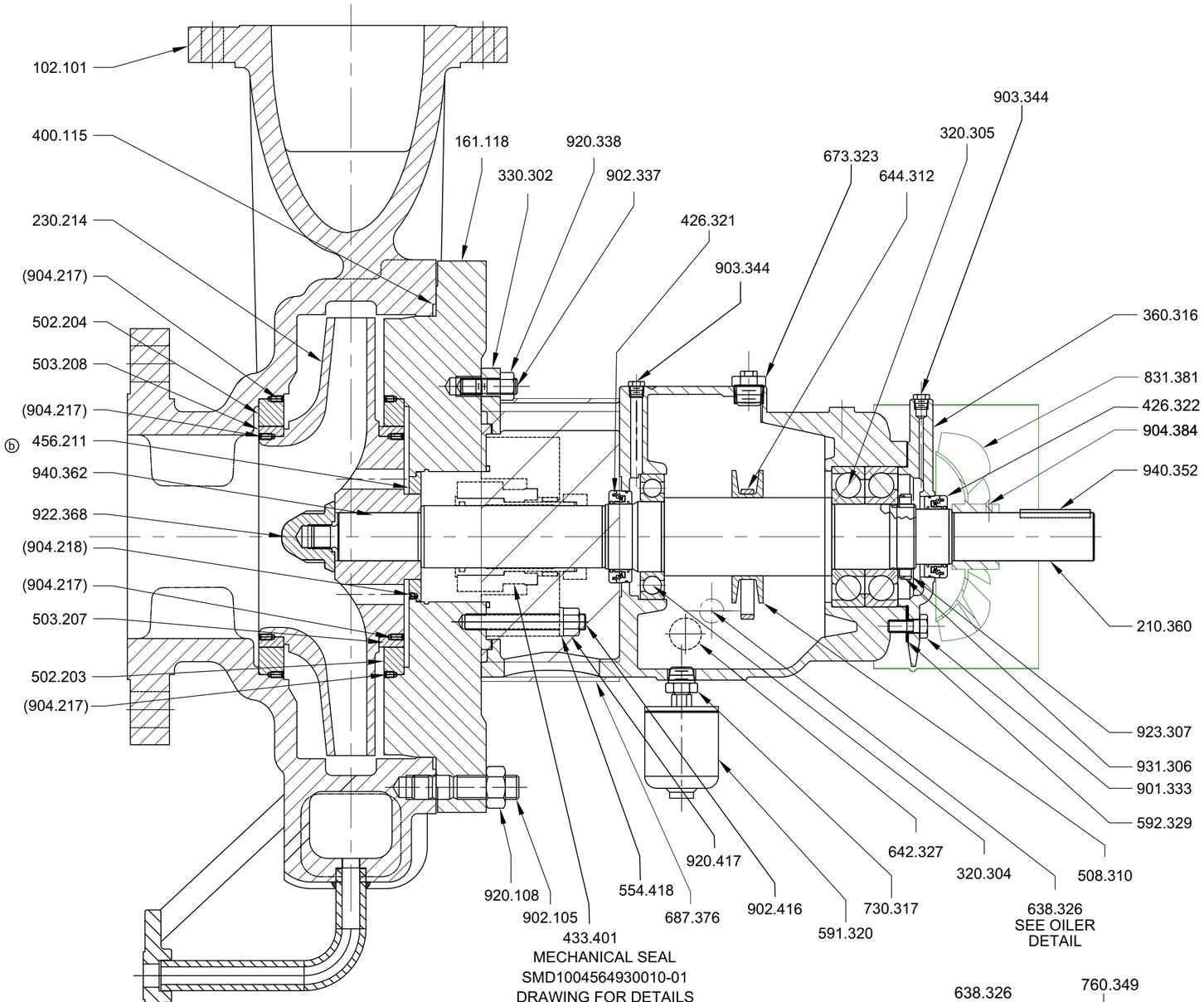

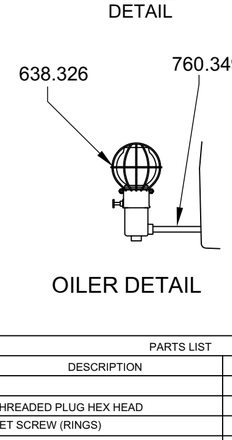

OILER DETAIL

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SIMILAR DWG.	-	MATERIAL CONSTRUCTION
MACHINING REGULATIONS SEE DRAWING STANDARDS.		MATERIAL CLASS A-8

PARTS LIST

PART NO.	DESCRIPTION	QTY	MATERIAL
102.101	VOLUTE CASE	1	A351 GR. CF3M
161.118	CASE COVER	1	A351 GR. CF3M
210.360	SHAFT	1	A276 TYPE 316 COND. A
230.214	IMPELLER	1	A743/A351 GR.CF3M
320.304	ANTIFRICTION BEARING (RADIAL)	1	6310
320.305	ANTIFRICTION BEARING (THRUST)	2	7311
330.302	BEARING HOUSING	1	A216 GR. WCB
360.316	BEARING COVER	1	A216 GR. WCB
400.115	GASKET	1	316 / FLEXIGRAPHITE
426.321	BEARING ISOLATOR	1	BRONZE / INPRO (VBX) ⓐ
426.322	BEARING ISOLATOR	1	BRONZE / INPRO (VBX) ⓐ
433.401	MECHANICAL SEAL	1	JOHN CRANE ⓐ
456.211	THROAT BUSHING	1	AISI 316L
-	-	-	-
502.203	STATIONARY RING COVER	1	A890 GR.1B
502.204	STATIONARY RING CASE	1	A890 GR.1B
503.207	IMPELLER RING HUB	1	316L / C6HF
503.208	IMPELLER RING EYE	1	316L / C6HF

PARTS LIST

PART NO.	DESCRIPTION	QTY	MATERIAL
508.310	OIL THROWER	1	ALUMINIUM
554.418	WASHER	4	AISI 316
591.320	RESERVOIR	1	ESCO 3 oz.
592.329	SHIM	1	PRACTISHIM #222 OR #333
638.326	CONSTANT LEVEL OILER	1	OPTO-MATIC 30005, 8 oz.
642.327	OIL SIGHT GLASS	1	B-1740-15
644.312	OIL RING	1	ORKOT C321
673.323	AIR RELEASE FILTER	1	GALVANIZED STEEL
687.376	GLAND GUARD	1	ALUMINUM ⓑ
730.317	HEX HEAD BUSHING	1	CARBON STEEL
-	-	-	-
760.349	NIPPLE	1	A106 GR. B
831.381	FAN	1	B26 GR. 356
901.333	CAPSCREW HEX HEAD	4	ISO 898-1 GR 8.8 ⓐ
902.105	STUD (CASE TO COVER)	8	A193 GR. B7 ⓐ
902.337	STUD (BEARING BRACKET TO COVER)	4	A193 GR. B7 ⓐ
902.416	STUD (SEAL TO COVER)	4	A193 GR. B7 ⓐ
-	-	-	-

PARTS LIST

PART NO.	DESCRIPTION	QTY	MATERIAL
-	-	-	-
903.344	THREADED PLUG HEX HEAD	3	A-105
904.217	SET SCREW (RINGS)	12	ISO3506-1 A4-70 (316/316L)
904.218	SET SCREW (THROAT BUSHING)	3	ISO3506-1 A4-70 (316/316L)
904.384	SET SCREW (FAN)	1	ISO3506-1 A4-70 (316/316L)
-	-	-	-
920.108	NUT (CASE TO COVER)	8	A194 GR. 2H ⓐ
920.338	NUT (BEARING BRACKET TO COVER)	4	A194 GR. 2H ⓐ
920.417	NUT (SEAL TO COVER)	4	A194 GR. 2H ⓐ
922.368	IMPELLER NUT	1	AISI 316
923.307	BEARING NUT	1	CARBON STEEL
-	-	-	-
931.306	LOCKWASHER	1	CARBON STEEL
-	-	-	-
-	-	-	-
940.352	KEY, COUPLING	1	AISI 316
940.362	KEY, IMPELLER	1	AISI 316
--		1	-

CONTRACT DATA ⓐ

PURCHASER: AIR PRODUCTS MANUFACTURING LLC

USER: WORLD ENERGY PARAMOUNT

JOB/PROJECT: WORLD ENERGY RENEWABLES PROJECT

CUST. P.O. NO.: 4505551383
SERVICE: T-125001 RECIRCULATING PUMP
INSTALLED AT: WORLD ENERGY, PARAMOUNT, CA, USA
PUMP OEM: SPMX
SULZER ORDER NO.: 100456493-0010

IDENTIFICATION NUMBERS

SULZER SERIAL NO.	CUSTOMER TAG NO'S	
	PUMP	DRIVER
649499	18-P-1805	18-P-1805

REV.	MODIFICATION	MODIFIED	CHECKED	APPROVED
ⓑ	MATERIAL LIST UPDTAE	25-DEC-2022 E.LARA	25-DEC-2022 C.HERNANDEZ	25-DEC-2022 A. GUTIERREZ

SEP. PARTS LIST - | FORMAT C | DESIGN GROUP SULZER PUMPS | 3RD ANGLE PROJECTION
REPLACED BY - | SUBSTITUTE FOR - | ORIGINAL SCALE NTS

OHH
3X4X8A-1

SPMX
100456493-0010

CROSS SECTION
BALL-BALL BEARING
OIL RING LUB. WITH FAN/PURGE PROV.
CROSS SECTION DRAWING

DRAWN: 11-FEB-2022 C.HERNANDEZ
CHECKED: 11-FEB-2022 S.JIMENEZ
APPROVED: 11-FEB-2022 C.GONZALEZ

SULZER | PART NO. - | EN | PCS1004564930010-01 | 1 / 1

ACAD / ANSI C-SIZE / 22 x 17 | 02/2012

PCS1004564930010-01_Z21_000_0503sb7 di-gep-4 MARTSAR 2023-01-02T09:50:40 1.000