

MATERIAL REPORT

Report Date : 05.06.2024

Material : 10197528
Description : ACTUATOR, 2"-10K, 3000M, 718, SE/TP,ASSY
Revision Level : 13;500000324132
Plant :

Base Unit of Measure : EA
Gross Weight : KG
Net Weight : 243,8 KG
Basic Material : See BoM for Materials
Commodity Code :
Export Control Code :

Manufacturer : -
Manuf.Part No. :

MIR ID : 79001001
MIR Title : ACTUATOR ASSEMBLY, HYDRAULIC
MIR Desc. : Assembly, Test, MRB, ITP

Criticality : 1
Traceability type : SN
Serial No. Profile : —
Batch Management ☒
Shelf life : 0 Day

QM Control Key :
Inspection Setup :

Classification : MACS_MCLASS;Subsea MACS
7000000;SUBSEA SUB-ASSEMBLIES
7900000;SHARED
7900100;Valve&Actuator#Kit,SubAss&Component
7900115;Actuator

Attributes :

Related Drawings : Type:SWD,No:10002071807,Ver:03,Status:Re-issued Constr,Descr:ACTUATOR
Type:SWD,No:10002152317,Ver:02,Status:Re-issued Constr,Descr:TOP ASSY , ACTUATOR W/ EXT STEM
Type:SWD,No:10004335000,Ver:00,Status:IFC ,Descr:ACTUATOR , HYDRAULIC

Other Related Docs : Type:PDC,No:10000854229,Ver:00,Status:IFC ,Descr:CALCULATION REPORT
Type:PDC,No:10004342944,Ver:02,Status:Re-issued Constr,Descr:ASSEMBLY PROCEDURE
Type:SWA,No:10002028436,Ver:03,Status:Temp. Release ,Descr:ASSY, ACTUATOR W/ EXT STEM
Type:PDC,No:10002615521,Ver:11,Status:Re-issued Constr,Descr:FAT PROCEDURE
Type:SWA,No:10004334990,Ver:00,Status:Temp. Release ,Descr:ACTUATOR , GENERIC, ASSY STEPS
Type:PDC,No:10001366134,Ver:01,Status:Re-issued Constr,Descr:SDRL (STANDARD)
Type:SWA,No:10004336572,Ver:00,Status:Temp. Release ,Descr:ACTUATOR , GENERIC, ASSY STEPS
Type:PDC,No:10004342945,Ver:01,Status:Re-issued Constr,Descr:DISASSEMBLY PROCEDURE
Type:PDC,No:10002802371,Ver:09,Status:Re-issued Constr,Descr:FLUSHING PROCEDURE
Type:SWA,No:10004337381,Ver:00,Status:Temp. Release ,Descr:ACTUATOR , GENERIC, ASSY STEPS

Basic Data Text : 1) PRIOR TO ASSEMBLY ALL PARTS SHALL BE THOROUGHLY
CLEANED AND INSPECTED TO RULE OUT DAMAGE AND
DEFECTS.

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2) ASSEMBLY SHALL BE PERFORMED IN A CLEAN ROOM OR CLEAN ENVIRONMENT SEPARATED FROM OTHER MANUFACTURING.

STAMP/ETCH THE FOLLOWING INFORMATION ON THE NAMEPLATE (ITEM 310):

NOM.SIZE: 2-1/16"
M/N: 10197528
S/N: _____
RATED WP: 690 BAR
RATED CP: 207/345 BAR
RATED WATER DEPTH: 3000 M
PSL: 3G
TEMP RATING: -18°C TO 150°C
MATR CLASS: 718 HH
MANUFACTURER: _____*
DATE: _____

* Assembly facility

Characteristics:
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Actuation Spring Type	:	Coil
Actuation Type	:	Hydraulic
Additional Features	:	Bonnet Test Port
Additional Features	:	Stem Extension
Application	:	XMT
Created By	:	184789
Division	:	XMT
Hydraulic Operating Pressure	:	207 (3 000)
Hydraulic Operating Pressure	:	345 (5 000)
Lab / Design Office	:	Curitiba
MIR ID	:	79001001
Material Group	:	7900115
Material Trim	:	Inconel 718
Max. Rated Temperature (°C)	:	150 °C
Min. Rated Temperature (°C)	:	-18 °C
Nominal Bore (inch)	:	2 1/16
Rated Water Depth (m)	:	3.000 m
Rated Work Pressure (bar/psi)	:	690 (10 000)
SDRL & QM	:	QM: YES
Standard Material	:	Standard (Green)
Traceability Code	:	SN
X Plant Status	:	PM

BoM :

Item No.	Material Number	Description	Quantity	UoM	Assembly	Criticality
0010	10197527	BONNET, 2-1/16"-10K, 718, SE/TP, ASSY	1,000	EA	<input checked="" type="checkbox"/>	1
0020	10080173	SPRING CANISTER ASSEMBLY, 2-1/16"	1,000	EA	<input checked="" type="checkbox"/>	2
0030	10080181	CYLINDER 2 1/16", F/M	1,000	EA	<input checked="" type="checkbox"/>	2
0040	10080180	PISTON, 2-1/16",F/M,OD=259MM, L=302MM	1,000	EA	<input checked="" type="checkbox"/>	2
0050	10080179	PISTON RETAINER RING,2-1/16",OD=263,L=45	1,000	EA	<input checked="" type="checkbox"/>	2

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0060	10080177	OVERRIDE STEM RETAINER, 31,75MM, F/M	1,000	EA	<input checked="" type="checkbox"/>	2
0070	10080176	ROV OVERRIDE INTERFACE, 2-1/16" ,F/M,L254	1,000	EA	<input checked="" type="checkbox"/>	2
0080	10080175	OVERRIDE STEM, 2 1/16", F/M	1,000	EA	<input checked="" type="checkbox"/>	2
0090	10080174	OVERRIDE STEM GUIDE, 31,75MM, F/M	1,000	EA	<input checked="" type="checkbox"/>	3
0100	10291393	SPRING CHAMBER SEAL, CYL BORE, Ø120MM	1,000	EA	<input type="checkbox"/>	2
0110	10091809	SUPPORT RING, OR STEM 31,75MM, 718, F/M	3,000	EA	<input checked="" type="checkbox"/>	2
0120	10299012	ENVIRONMENTAL SEAL, CYL ROD, 31.75MM	1,000	EA	<input type="checkbox"/>	2
0130	10083706	INDICATOR RETAINER RING,OR STEM31,75, FM	1,000	EA	<input checked="" type="checkbox"/>	3
0140	10276504	INDICATOR, ACTUATOR, F/M	1,000	EA	<input checked="" type="checkbox"/>	3
0150	10133031	SHCS HEX, M10X35, A4-80	4,000	EA	<input type="checkbox"/>	2
0160	10091872	WEARBAND, 31,75x36,75x9,5, RTS	1,000	EA	<input type="checkbox"/>	2
0170	10082039	WEARBAND, 120x125x14,8, RTS	2,000	EA	<input type="checkbox"/>	2
0180	10082637	PLUG, 1/4", 56KPSI, PLAA2528020A	2,000	EA	<input type="checkbox"/>	3
0190	10094478	WIPER-I, 32,75X40,45X6,49, PEEK	1,000	EA	<input type="checkbox"/>	2
0200	10291395	HYDRAULIC SEAL, CYLINDER BORE, Ø120MM	2,000	EA	<input type="checkbox"/>	2
0210	10299014	HYDRAULIC SEAL, CYL ROD, 31,75MM	2,000	EA	<input type="checkbox"/>	2
0220	10091544	CIRCLIP, 1.625", CIRTEQ NJ-162	3,000	EA	<input type="checkbox"/>	3
0230	BS0000894	PLUG 3/8" MP(M) CPX60	6,000	EA	<input type="checkbox"/>	2
0240	BS0000821	GLAND 3/8 MP(M) CGLX60	6,000	EA	<input type="checkbox"/>	2
0250	10277497	SCREW HEX, M12 x 45, L7, ELZN	28,000	EA	<input type="checkbox"/>	1
0260	10093540	SCREW SET, CUP, M8 x 20, A4-80	2,000	EA	<input type="checkbox"/>	2
0270	10093557	O-RING, 221,62x5,33, HNBR85A	1,000	EA	<input type="checkbox"/>	1
0280	10093558	O-RING, 240,67x5,33, HNBR85A	1,000	EA	<input type="checkbox"/>	1
0290	10276008	BU-RING, 242,01x251,31x1,93, NBR90A	1,000	EA	<input type="checkbox"/>	2
0300	BB15-HS0005-63	VALVE,RELIEF,1/4 CIRCLE SEAL 532T1-2M-50	1,000	EA	<input type="checkbox"/>	2
0310	10269234	NAMEPLATE, SMALL, ACTUATOR	1,000	EA	<input type="checkbox"/>	4
0320	BB7178042	NAIL, EASY-DRIVE, .116 DIA X 1/4 LG, #4,	2,000	EA	<input type="checkbox"/>	4