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FOR ENVIRO-SEAL PACKING SPECIFY:

EX15 – D E

99PACKX2 – A B C D E F 9A 9B

FOR OTHER PACKING SPECIFY:

EX15 – A B C D E F G

* NACE SERVICE ACCEPTABLE

ITEM A – PACKING FLANGE, STUDS & NUTS (Do not use with Enviro-Seal packing)

DESIGN	TRIM	BOLTING	NUT	TEMPERATURE °F	A
EH	STEEL	GR B7/ZN PL	2H/ZN PL	-20+800	5
		*B7M/NCF2	*2HM/NCF2	-20+800	7
	316 SST	B8M CLASS 2	8M	-325+1100	6
		B16 FOR 20 INCH	2H/NCF2	-20+1100	8
ALL OTHER	STEEL	B7/ZN PL	2H/ZN PL	-20+800	1
		*B7M/NCF2	*2HM/NCF2	-20+800	4
	316 SST	B8M CLASS 2	8M	-325+1100	2

ITEM B – PACKING (Do not use with Enviro-Seal packing)**ITEM C – PACKING PARTS** (Do not use with Enviro-Seal packing)

STYLE	CLASS	TRIM	PACKING	ARRANGEMENT	TEMP °F	B	C
SINGLE	1500/2500	ALL	LOW CHLORIDE GRAPHITE RIB/FIL	14A3419	-325+1100	4	1
			GRAPHITE ULF	19B4128	-325+700	7	5
			GRAPHITE COMPOSITE	12B5797	-325+1100	8	6
DOUBLE	1500/2500	316 SST	LOW CHLORIDE GRAPHITE RIB/FIL	14A3418	-325+1100	5	1
	2185	ALL	LOW CHLORIDE GRAPHITE RIB/FIL	14A3418	-325+1100	6	4
LIVE LOAD	ALL	ALL	ALL	N/A	-	N	N

**ITEM D – BONNET**

DESIGN	CLASS	SIZE	BONNET	TEMPERATURE °F	D
E	1500	6	WCB	-20+800	1
			WC6	-20+1000	4
EH	1500	8 & 10	WCB	-20+800	7
			C5	-20+1100	8
			WC9	-20+1050	9
			CF8M	-325+1000	10
			316H SST	-325+1000	11
		12 & 14	WCB	-20+800	12
			C5	-20+1100	13
			WC9	-20+1050	14
			CF8M	-325+1000	15
			316H SST	-325+1000	16
	2185	20	WC9	-20+1050	22
	2500	12 & 14	WCB	-20+800	17
			C5	-20+1100	18
			WC9	-20+1050	19
			CF8M	-325+1000	20
			316H SST	-325+1000	21

ITEM E – PIPE PLUG

BONNET	E
WCB	1
C5, WC6, WC9, CF8M & 316H SST	2

ITEM F – LIVE LOAD PACKING PARTS (Do not use with Enviro-Seal packing)**ITEM G – LIVE LOAD PACKING SPRING, LOAD SCALE** (Do not use with Enviro-Seal packing)

USE ONLY WITH YOKE 48A3434 AND TYPE 490 ACTUATOR

PACKING STYLE	TRIM	PACKING	ARRANGEMENT	TEMPERATURE °F	F
LIVE LOAD	316 SST	HIGH-SEAL ULF	19B4128	-325+700	9
		HIGH-SEAL	12B5797	-325+1100	8
SINGLE & DOUBLE	ALL	ALL	N/A	ALL	N

ITEM G – LIVE LOAD PACKING SPRING, LOAD SCALE

PACKING STYLE	SPRING	G
LIVE LOAD	17-4PH	2
	INCONEL	3
SINGLE & DOUBLE	N/A	N

ASSEMBLY	DRAWING
SIZE 6	CU4317
SIZE 8-20	35A3976
HIGH-SEAL PACKING	32B5856
HIGH-SEAL ULF PACKING	39B4153
GRAPHITE ULF PACKING	39B6701
SINGLE GRAPHITE COMPOSITE	39B6699

**Revision Change Record**

The date recorded on this document reflects the effective date of this revision.

ECRN: 20141624

Matrix Section:

Item	Module	Changes
A	1	Update Bolting Material from "STANDARD" to "GR B7/ZN PL", new "2H/ZN PL" Nut Material column, for all other design. (Oracle & CIMF are not affected).
A	2	Update Bolting Material from "STANDARD" to "B8M CLASS 2", new "8M" Nut Material column, for all other design. (Oracle & CIMF are not affected).
A	4	Update Bolting Material from "*B7M" to "*B7M/NCF2", new "*2HM/NCF2" Nut Material column, for all other design.
A	5	Update Bolting Material from "STANDARD" to "GR B7/ZN PL", new "2H/ZN PL" Nut Material column, for design EH Valve.
A	6	Update Bolting Material from "STANDARD" to "B8M CLASS 2", new "8M" Nut Material column, for design EH Valve.
A	7	Update Bolting Material from "*B7M" to "*B7M/NCF2", new "*2HM/NCF2" Nut Material column, for design EH Valve.
A	8	New "2H/NCF2" Nut Material column, for design EH Valve.