NOTES:
1) RATED WORKING PRESSURE: 10,000 PSI [689 BAR]
2) PROOF TEST PRESSURE: 15,000 PSI [1034 BAR]
3) MIN 400 [542] MAX 500 [678] LB-FT [N·M]
TORQUE REQUIRED TO ENGAGE
4) DESIGN DEPTH: 10,000 FT [3,048 M]
FINAL INSPECTION DIMENSION
5) ABBREVIATIONS:
MODEL #: SKOFLO MODEL NUMBER
SFI P/N: SKOFLO PART NUMBER
SFI S/N: SKOFLO SERIAL NUMBER
CPN / REV: CUSTOMER PART NUMBER / REVISION
CPO: CUSTOMER PURCHASE ORDER
CSN: CUSTOMER SERIAL NUMBER
MAX WP: MAX WORKING PRESSURE
1 1 COMM: INLET 1 COMMUNICATION ADDRESS
1 2 COMM: INLET 2 COMMUNICATION ADDRESS
MISC: MISCELLANEOUS INFORMATION
7) THIS DRAWING SHALL BE USED IN CONJUNCTION WITH
23938-SPEC HF CIMV SPECIFICATION SHEET OR 30095-SPEC TFU
SPECIFICATION SHEET AND PROJECT SPECIFIC CONFIGURATION SHEET
API 17H MODIFIED
CLASS 4 BUCKET

MODIFIED DIMENSIONS FROM API 17H CLASS 4 BUCKET
SINGLE CORE: HF CIMV
P/N 100251-0000-H12X-S-XXX-00-X
(SEE SHEET 6 FOR CONFIGURATIONS)

1) NOMINAL WEIGHT IN AIR: 235 Lb [107 Kg]
2) NOMINAL WEIGHT IN WATER: 200 Lb [91 Kg]
3) UNCOATED SURFACE AREA: 2,200 Sq In [1.419 Sq m]
4) COATED SURFACE AREA: 2,125 Sq In [1.371 Sq m]
5) REFERENCE X DIMENSION: (22.97 [583 mm])
6) REFERENCE Y DIMENSION: (.72 [18 mm])
7) REFERENCE Z DIMENSION: (.46 [12 mm])

SINGLE CORE: HF TFU
P/N 100251-0000-HTFU-S-XXX-XX-X
(SEE SHEET 6 FOR CONFIGURATIONS)

FOR TFUS WITH SENSORS, SEE APPLICABLE CONNECTOR VIEW, DETAIL A

1) NOMINAL WEIGHT IN AIR: 175 Lb [79 Kg]
2) NOMINAL WEIGHT IN WATER: 149 Lb [67 Kg]
3) UNCOATED SURFACE AREA: 1,940 Sq In [1.252 Sq m]
4) COATED SURFACE AREA: 2,125 Sq In [1.371 Sq m]
5) REFERENCE X DIMENSION: (22.93 [582 mm])
6) REFERENCE Y DIMENSION: (.28 [7 mm])
7) REFERENCE Z DIMENSION: (.24 [6 mm])
DETAIL A

PROVIDED WITH TRONIC CONNECTOR
SINGLE CORE: HF CIMV
SINGLE CORE: HF TFU

ODI P/N FAK-385-01-2
PINS IN KEYWAYED FEMALE SHELL

DETAIL A

PROVIDED WITH ODI CONNECTOR
SINGLE CORE: HF CIMV
SINGLE CORE: HF TFU

ODI P/N FAK-385-01-2
PINS IN KEYWAYED FEMALE SHELL

DETAIL A

PROVIDED WITH TRONIC MARINE GROWTH COVER
SINGLE CORE: HF TFU

DETAIL A

PROVIDED WITH ODI MARINE GROWTH COVER
SINGLE CORE: HF TFU

1WHEN SUPPLIED WITH OPTIONAL PRESSURE SENSOR
**SKOFLO PART NUMBER:**

100251-0000-XXXX-S-XXX-XX-X

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**CORE (XXXX) | DESCRIPTION | FLOW RANGE (GPM) | FLOW RANGE (LPH)**

| H120 | HIGH FLOW CIMV | 0.10 - 1.5 | 23 - 341 |
| H121 | HIGH FLOW CIMV | 0.13 - 2.5 | 28 - 568 |
| H122 | HIGH FLOW CIMV | 0.25 - 5.0 | 57 - 1136 |
| H123 | HIGH FLOW CIMV | 0.50 - 10.0 | 114 - 2271 |
| H124 | HIGH FLOW CIMV | 0.75 - 15.0 | 170 - 3407 |
| H125 | HIGH FLOW CIMV | 1.00 - 20.0 | 227 - 4542 |
| H126 | HIGH FLOW CIMV | 1.50 - 30.0 | 341 - 6814 |
| H127 | HIGH FLOW CIMV | 2.00 - 40.0 | 454 - 9085 |
| H128 | HIGH FLOW CIMV | 2.40 - 48.5 | 550 - 11015 |

**HTFU | HIGH FLOW TEST FLUSHING UNIT | N/A | N/A**

**0000 | EMPTY | N/A | N/A**

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**PRESSURE SENSOR (XX) | DESCRIPTION**

| CS | CANBUS SENSOR |
| 00 | NO SENSOR |

**ORIENTATION (X) | DESCRIPTION**

| H | HORIZONTAL ORIENTATION |
| V | VERTICAL ORIENTATION |

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**FRACTIONS ± 1/16
.X ± .03
.XX ± .010
.XXX ± .005
.XXXX ± .0005**

**ANGULAR ±1°**

**DEBURR & BREAK EDGES: .015/.005**

**RMS SURF QUAL: 63**

**FILLETS: R.015/.003**

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**INSIDE AND OUTSIDE COATING**

**INTERZONE 954 ORANGE RAL 2004**

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**NO COATING INSIDE AND END FACE OF API CLASS 4 GROOVED BUCKET**

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**SKOFLO INDUSTRIES, INC. WOODINVILLE, WA**

**ALL DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED**

**DRAWN PER ANSI Y14.5M-2009**

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**S. CRELLEY 1/29/2016**

**D. Ravichandran 11/29/2016**

**M. LELAND 1/25/2016**

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**NO COATING INSIDE OR OUTSIDE OF END SECTION**

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**FOR TFU W/STAND ALONE SENSOR ONLY DOES NOT AFFECT CIMV SENSOR**

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**FOR TFU W/STAND ALONE SENSOR ONLY DOES NOT AFFECT CIMV SENSOR**