



NOTES:

1. LEAK TEST: 80 PSI, NO BUBBLES 30 SECONDS MINIMUM.
2. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE.
3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
4. ALL PARTS MUST PASS ALL TESTS.
5. WIRE POSITIONING IS APPROXIMATE & VARIABLE.
6. NO COSMETIC SURFACE VOIDS ARE ACCEPTABLE ON O-RING SEALING SURFACES, COSMETIC SURFACE VOIDS SMALLER THAN $\phi 0.035$ [.89] ARE ACCEPTABLE ON ALL OTHER SURFACES.
7. DIMENSION IS OVER-ALL-LENGTH EXCLUDING OVERFILL ON ATMOSPHERE SIDE OF HOUSING
8. REF-OPERATING TEMPERATURE -40 °C TO 125 °C.
9. REF-PARTS ARE DEFLASHED ON PARTING LINE +0.005 MAXIMUM.
10. PAVE-SEAL CAN BE A BI-DIRECTIONAL HERMETIC SEAL FOR VACUUM AND MOST PRESSURES. FOR PRESSURES ABOVE 150 PSI (10 BAR), CHECK WITH SALES ENGINEERING.
11. DIMENSIONS ARE INCHES [millimeters].
12. ITEM 14 IS INCLUDED, NOT SHOWN.

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|------|-----|----------------|-------------|-----------------------------------|
| 14 | 1 | RR 5100-75-HST | SEE NOTE 12 | RETAINING RING EXTERNAL .750SS |
| 13 | 1 | E28 ORANGE | | WIRE 28E MIL-W-16878/4 .010 7/#36 |
| 12 | 1 | E28 VIOLET | | WIRE 28E MIL-W-16878/4 .010 7/#36 |
| 11 | 1 | E28 YELLOW | | WIRE 28E MIL-W-16878/4 .010 7/#36 |
| 10 | 1 | E28 BROWN | | WIRE 28E MIL-W-16878/4 .010 7/#36 |
| 9 | 1 | E28 GREEN | | WIRE 28E MIL-W-16878/4 .010 7/#36 |
| 8 | 1 | E22 WHT | | WIRE 22E MIL-W-16878/4 .010 7/#30 |
| 7 | 1 | E22 BLUE 7 STR | | WIRE 22E MIL-W-16878/4 .010 7/#30 |
| 6 | 2 | E22 BLK | | WIRE 22E MIL-W-16878/4 .010 7/#30 |
| 5 | 2 | E22 RED | | WIRE 22E MIL-W-16878/4 .010 7/#30 |
| 4 | A/R | PARKER O-LUBE | | LUBRICANT O-RING BARIUM-BASED |
| 3 | 1 | -016 VM128-75 | | O-RING -016 VITON LOW-TEMP 75 |
| 2 | A/R | PAVE-Seal 150 | | EPOXY BLACK |
| 1 | 1 | 0130 | | HOUSING SPF12-E |
| ITEM | QTY | PART NUMBER | | DESCRIPTION |

RECOMMENDED RETAINING RING
TRUARC #5100-75 OR EQUAL

ALL DIMENSIONS AND TOLERANCES APPLY TO FINISHED PART IN INCHES.
ALLOWABLE TOLERANCES UNLESS SPECIFIED OTHERWISE: NONE ± 0.5
X.X DECIMAL ± 0.1 X.XX DECIMAL ± 0.02 X.XXX DECIMAL ± 0.005
ANGLES ± 1 DEGREE SURFACE FINISH 128 microinch RMS

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DESCRIPTION
SPF12-E-150-6/5-E22/E28-6-10

PART NUMBER
4465

MATERIAL NOTED

REVISION LEVEL
B

PROJECTION