



- NOTES:
1. LEAK TEST: 4900 PSI (338 BAR), NO BUBBLES 30 SECONDS MINIMUM. EACH SEALING RING TESTED INDIVIDUALLY & TESTED TOGETHER.
 2. HE LEAK TEST VACUUM 10×10^{-9} CC/SEC OR LESS. EACH SEALING RING TESTED INDIVIDUALLY & TESTED TOGETHER.
 3. THERMAL CYCLE -40°C TO 155°C 3 CYCLES 1 HOUR HOLD AT TEMPERATURE PRIOR TO TESTING.
 4. TORQUE TEST: APPLY 500 IN-LBS TO THE COPPER ROD WHILE HOLDING THE HOUSING. PERFORM TORQUE TEST FOLLOWING PRESSURE TEST BUT PRIOR TO HELIUM TEST.
 5. HYPOT 20 kVDC 1 mA MAXIMUM 10 SECONDS MINIMUM COPPER ROD TO HOUSING.
 6. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
 7. ALL PARTS MUST PASS ALL TESTS.
 8. REF-OPERATING TEMPERATURE -20°C TO 155°C.
 9. REF-STORAGE TEMPERATURE -40°C TO 40°C.

ITEM	QTY	PART NUMBER	DESCRIPTION
7	1	HN220SS3.1	RING HELICOFLEX EXTERNAL SS 3.1
6	1	3616	INSERT VS32 1.25" Cu ROD PEEK
5	1	3MM X 62.2MM	ORING 3MM X 62.2MM KALREZ 407
4	1	0102	NUT VS32-SS
3	1	3608	ROD 1.25" THRU SILVER PLATED
2	A/R	PAVE-Seal 200HV	EPOXY BLUE
1	1	3615	HOUSING VS32DSL-SS

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DESCRIPTION
VS32DSL-SS-200HV-1-1CU-8-4

PART NUMBER
3344

MATERIAL NOTED

REVISION LEVEL
B

PROJECTION

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