

ENGINEERING DETAILS

PART NUMBER 100206182
2-7/8 TRMAXX-10E, 2.312 X TYPE, 5.166 OD, 10K, 40-300F, 13CR[85], SLB STD, 1/4 IDFC,
2.875[6.40 - 6.50] BLANK

TAB DATA	
Attribute	Value
ACTIVE FLOW WETTED MATERIAL - YIELD STRENGTH (KSI)	410-13CR[85]
APPROXIMATE WEIGHT (LBS)	200
CERTIFICATION STATUS	SLB STD
EXTERNAL WORKING PRESSURE (PSI) - EOEC AT SPECIFIED TEMP (F)	10000[300]
FLOW TUBE TRAVEL (IN)	4.343
HEAVIEST THREAD WT. RECOMMENDED (PPF)	6.5
HYDRAULIC CHAMBER AREA (SQ. IN.)	0.110
HYDRAULIC CONNECTION	1/4 IDFC
I.D. (IN)	2.312
I.D. - MIN. (IN)	2.312
INTERNAL WORKING PRESSURE (PSI) - EOEC AT SPECIFIED TEMP (F)	10000[300]
LOWER THREAD CONNECTING - SIZE (IN), WT (PPF), TYPE, CONFIG	2.875, 6.40 - 6.50, BLANK
MAKE-UP LENGTH (IN)	BLANK
MATERIAL CLASS OF SERVICE	3,4
MATERIAL/BODY PARTS	410-13CR
MATERIAL/ELASTOMERS	NA
MATERIAL/FLOW WETTED	410-13CR (85K) / 410-13CR
MATERIAL/HYD. CHAMBER HSNG.	410-13CR (85K)
MATERIAL/LOWER NIPPLE	410-13CR (85K)
MATERIAL/O-RING(S)	N/A
MATERIAL/SOFT SEAT	MOLYFILLED TEFLON
MATERIAL/SPRING	X-750
MATERIAL/SPRING HSNG.	410-13CR (85K)
MATERIAL/TEE SEAL(S)	N/A
MAX. WORKING TEMPERATURE (DEG.F)	300
MIN. ALLOWABLE Y.S. - HYD. CHMBR. HSNG.	80,000
MIN. ALLOWABLE Y.S. - LOWER NIPPLE	80,000
MIN. ALLOWABLE Y.S. - SPRING HSNG.	80,000
MIN. WORKING TEMPERATURE (DEG.F)	40
MIN. Y.S. - HYD. CHMBR. HSNG.	85,000 PSI
MIN. Y.S. - LOWER NIPPLE	85,000 PSI
MIN. Y.S. - SPRING HSNG.	85,000 PSI

NIPPLE PROFILE (SIZE/TYPE)	2.312 X TYPE
O.D. (IN)	5.166
O.D. - MAX. (IN)	5.166
OPEN/CLOSE PRESSURE (PSI)	2,510/1,390
OVERALL LENGTH (IN)	51
QUALITY CONTROL PLAN - QCP	STD SLB
SERVICE NACE (YES/NO)	YES
TEMPERATURE RATING (DEGREES FAHRENHEIT)	40 TO 300
TENSILE STRENGTH (EOEC AT AMBIENT)(LBS)	236,092
TENSILE STRENGTH (EOEC AT TEMPERATURE RATING)(LBS)	208,941
TENSILE STRENGTH (LB)	236,092
TENSILE STRENGTH (LBS) - EOEC AT SPECIFIED TEMP (F)	208900[300]
TEST PRESSURE (EOEC)(PSI)	15,000
THREAD CONFIGURATION	2-7/8, BLANK
TRACEABILITY	TRACEABLE
UPPER THREAD CONNECTING - SIZE (IN), WT (PPF), TYPE, CONFIG	2.875, 6.40 - 6.50, BLANK
WORKING PRESSURE (EOEC)(PSI)	10,000
YIELD PRESSURE - EXTERNAL (EOEC AT TEMPERATURE RATING)(PSI)	13,993
YIELD PRESSURE - INTERNAL (EOEC AT AMBIENT)(PSI)	17,485