HPS inc. General Seal Application Data 9799B

COMPANY :
ADDRESS :
CITY,STATE : ZIP :
INDIVIDUAL'S NAME :

DATE : TERRITORY : 99
SALES ENGR. :
PHONE : ( ) -
FAX : ( ) -
TITLE :

DEVICE SEAL USED ON: ☐ NEW ☐ EXISTING
EQUIPMENT DEVICE USED ON :
APPLICATION OBJECTIVE :
CURRENT SEAL BEING USED : E.A.U. :
CUST. PART NO. : CURRENT SEAL MATERIAL :
FAILED SAMPLES : ☐ YES ☐ NO FAILED SEAL MATERIAL :

MOTION

☐ STATIC :
☐ RECIPROCATING :
☐ DITHERING :
☐ OSCILLATORY :
☐ ROTARY :

TYPE OF ACTION : ☐ SINGLE ☐ DOUBLE
STROKE OR CYCLES PER MINUTE :
LENGTH OF STROKE : NORMAL : MAX. :
SPEED OF TRAVEL (FPM) NORMAL : MAX. :
R.P.M. : NORMAL : MAX. :

OPERATING MEDIA / CRITERIA

FLUID BEING SEALED : TYPE/CLASS : BRAND/NO. :
FLUID LEVEL RELATIVE TO SHAFT : LUBE METHOD : ☐ DRY ☐ SPLASH ☐ SUBMERGE

☐ PRESSURE (UNITS) : ☐ PSI ☐ BAR ☐ kg/cm^2 ☐ VACUUM (INCHES OF MERCURY) :
OPERATURING PRESSURE : NORMAL : MIN. : MAX. :
MAX. TEST PRESS. : MAX. SPIKE PRESS. : TIME AT MAX. PRESS. :

TEMPERATURE (UNITS) : ☐ ^{o}F ☐ ^{o}C AMBIENT TEMPERATURE :
SYSTEM TEMP. : NORMAL : MIN. : MAX. : MEASURED AT :

LEAKAGE TOLERATED (VOLUME PER UNIT OF TIME OR CYCLES) :
LIFE / WARRANTY REQUIREMENT :

ROD AND PISTON APPLICATION DESIGN INFORMATION

ROD APPLICATION	WIPER	ROD SEAL	BUFFER RING	ROD WEAR RING
STYLE :				
MATERIAL :				
GROOVE DIA. :	/	/	/	/
GROOVE LENGTH :	/	/	/	/
AXIAL LENGTH :	/	/	/	/
RADIAL WALL :	/	/	/	/

ROD DIA.: / ROD MATERIAL : ROD FINISH :
GLAND MATERIAL : GLAND FINISH : THROAT DIA.: /

PISTON APPLICATION	PISTON SEAL	PISTON WEAR RING
STYLE :		
MATERIAL :		
GROOVE DIA. :	/	/
GROOVE LENGTH :	/	/
AXIAL LENGTH :	/	/
RADIAL WALL :	/	/

BORE DIA. : /
BORE MAT'L. :
BORE FINISH :
PISTON DIA. : /
PISTON MAT'L. :
PISTON FINISH :

CONVERSION FACTORS

PRESS.: 14.5 PSI = 1 BAR 14.22 PSI = 1 kg / cm^2
TEMP.: 5 (^{o}F - 32) / 9 =1 ^{o}C 9 (^{o}C + 32) / 5 = 1 ^{o}F

COMMENTS / RECOMMENDATIONS

INITIAL DESIGN REVIEW COMPLETED : ☐ YES ☐ NO BY (INITIALS) : DATE :
APPLICATION ENGINEERING PROJECT NUMBER : AE-
☐ APPROVED ☐ REJECTED AE SIGNATURE : DATE :