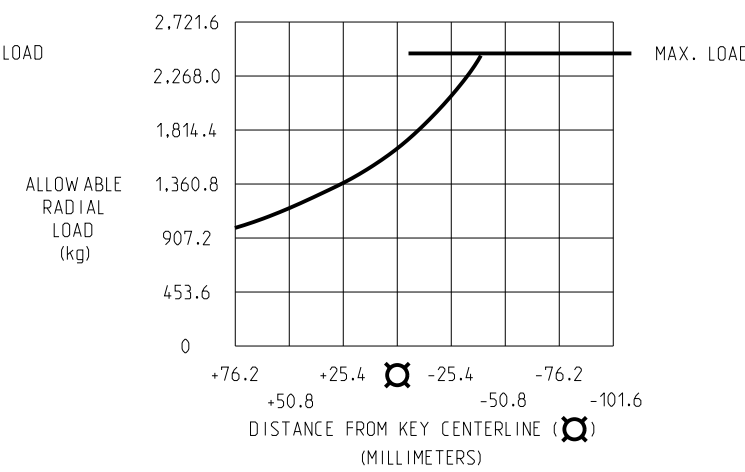
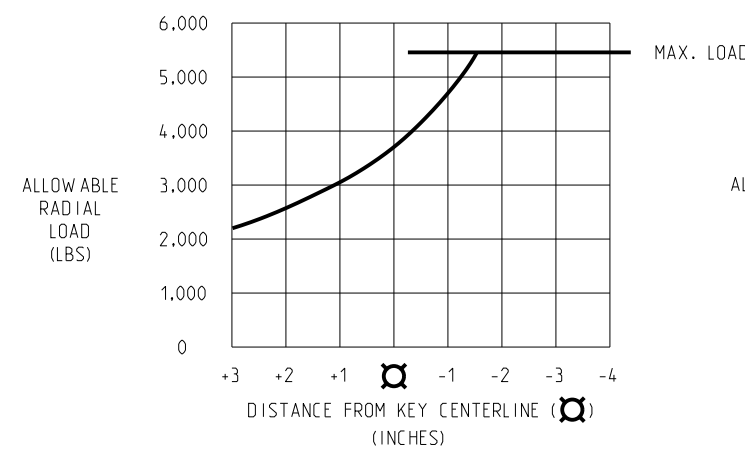


LOAD CAPACITY @ 100 RPM AND B10 = 6,500 HRS
325 RPM AND B10 = 2,000 HRS



INSTALLATION INFORMATION

1. THIS BRAKE IS DESIGNED TO MOUNT WITH THE CHAR-LYNN 4,000 SERIES BEARINGLESS MOTOR. (SLEEVE BEARING NOT REQUIRED)
2. IF THE MOTOR CASE DRAIN IS USED, THE DRAIN LINE MUST BE ROUTED SUCH THAT THE SPLINE AREA IS LUBRICATED AT ALL TIMES.
3. REFER TO THE MOTOR INSTALLATION INSTRUCTIONS FOR FURTHER INFORMATION.

CAUTION:
CASE PRESSURE BETWEEN THE MOTOR AND BRAKE MUST NOT EXCEED 90 PSI [6.2 bar].

**INCH
(MILLIMETER)**

- NOTES:**
1. DIMENSIONS MAY VARY SLIGHTLY BETWEEN UNITS AND ARE TO BE USED FOR REFERENCE PURPOSE ONLY. MILLIMETERS VALUES MAY NOT BE AN EXACT CONVERSION OF INCH VALUES.
 2. LINING REPAIR KIT P/N 12-501-470
 3. BEARING REPAIR KIT P/N 12-501-376
 4. O-RING REPAIR KIT P/N 12-501-304
 5. SPRING REPAIR KIT P/N 12-501-305
 6. APPLY A MOLYBDENUM DISULFIDE BASED WATER DISPLACING GREASE TO THE INTERNAL SPLINES BEFORE ASSEMBLY.
 7. FOR USE WITH MINERAL BASE HYDRAULIC OIL ONLY.

SPECIFICATIONS:

TYPE:	DRY MULTIPLE DISC BRAKE, SPRING APPLY, HYDRAULIC RELEASE
TORQUE RATING:	24,000 LBIN [2,711.6 N-m] STATIC (BREAKAWAY) AT 0 PSI [0 bar] BACK PRESSURE ACTUAL TORQUE MAY VARY BY UP TO 10% DUE TO MANUFACTURING TOLERANCES.
RELEASE PRESSURE:	490 PSI [33.8 bar] INITIAL, 680 PSI [46.9 bar] FULL
MAXIMUM OPERATING PRESSURE:	3,000 PSI [206.8 bar]
MAXIMUM SPEED:	1,000 RPM
THRUST LOAD (CAPACITY):	1,100 LB [499.0 kg] MAX. @ 100 RPM AND 2,000 HRS. B10 LIFE (BASED ON CONSTANT 2,900 LB [1,315.4 kg] SIDE LOAD AT ϕ_c OF KEY)
LINING MATERIAL:	SINTERED BRONZE
APPROXIMATE WEIGHT:	36 LB [16.3 kg].



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DWNSHYPO 2016-04-06	APVD PROD ENGRG PJS 2016-09-10	X NO 08-2024	APVD ENGRG RV 2016-04-06	CUSTOMER COPY		