

NOTES:

1. ▽ LINING REPAIR KIT P/N 12-501-302
2. ● BEARING REPAIR KIT P/N 12-501-376
3. ■ O-RING REPAIR KIT P/N 12-501-304
4. ● SPRING REPAIR KIT P/N 12-501-305
5. BRAKE TO BE PAINTED PER SPECIFICATION 99-980-001
6. DO NOT PAINT TAPERED SHAFT, SURFACE ▽ AND ▽.

SPECIFICATIONS:

TYPE: DRY MULTIPLE DISC BRAKE, SPRING APPLY, HYDRAULIC RELEASE.

Ⓞ **TORQUE RATING:** 20,000 LB-IN STATIC (BREAKAWAY) AT 0 PSI BACK PRESSURE.

Ⓞ **RELEASE PRESSURE:** 490 PSI INITIAL, 680 PSI FULL.

MAXIMUM OPERATING PRESSURE: 3,000 PSI.

MAXIMUM SPEED: 1,000 RPM.

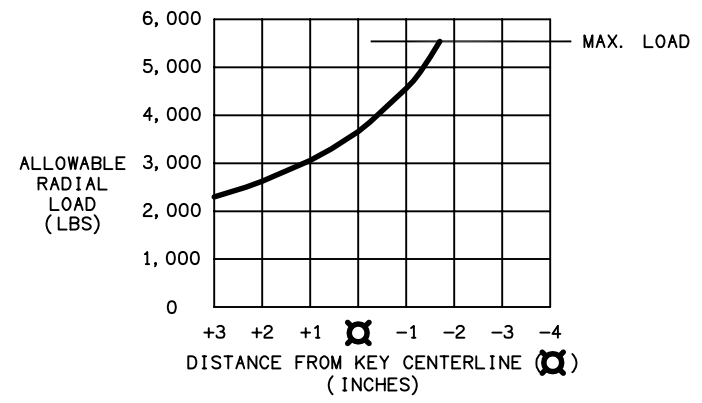
THRUST LOAD CAPACITY: 1,100 LBS. MAX. @ 100 RPM AND 2,000 HRS. B₁₀ LIFE. (BASED ON CONSTANT 2,900 LBS. SIDE LOAD AT Q OF KEY.)

LINING MATERIAL: SINTERED BRONZE.

APPROXIMATE WEIGHT: 36 LBS.

FOR USE WITH MINERAL BASE HYDRAULIC OIL ONLY.

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.



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SCALE	TITLE			
1:2	MULTIPLE DISC WHEEL BRAKE WH-502020-L4			
DWNLH	APVD PROD ENGRG	SIZE	DRAWING NUMBER	REV
06/21/05		B	13-587-094	B
X NO	APVD ENGRG	B	13-587-094	B
X7985			CUSTOMER COPY	