



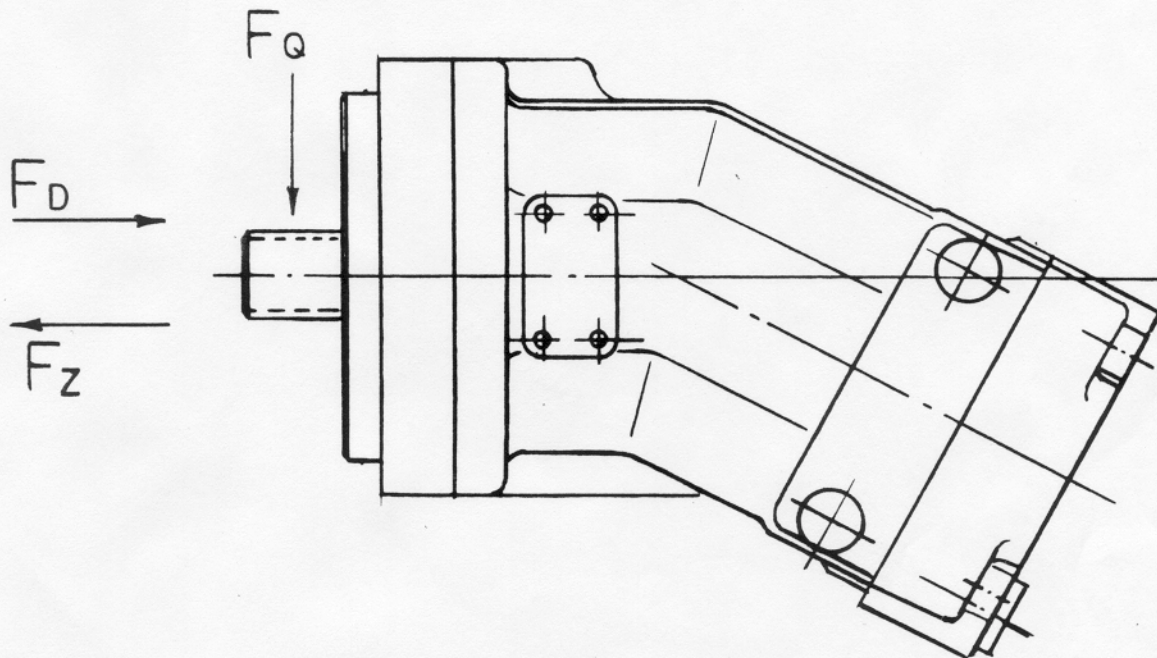
MAXIMUM SHAFT LOADS ON BMF UNITS
AT RATED SPEED AND PRESSURE
IN POUNDS FORCE

Bulletin No.
BMF 000
09.89/002/04

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MODEL	* Fq	Fd	Fz
BMF 35	450	2923	450
BMF 50	652	3147	1664
BMF 75	697	3597	1708
BMF105	1080	4721	2833
BMF140	990	6070	1551
BMF186	585	7868	2877
BMF260	585	8093	2923

* Taken at center of shaft extension.

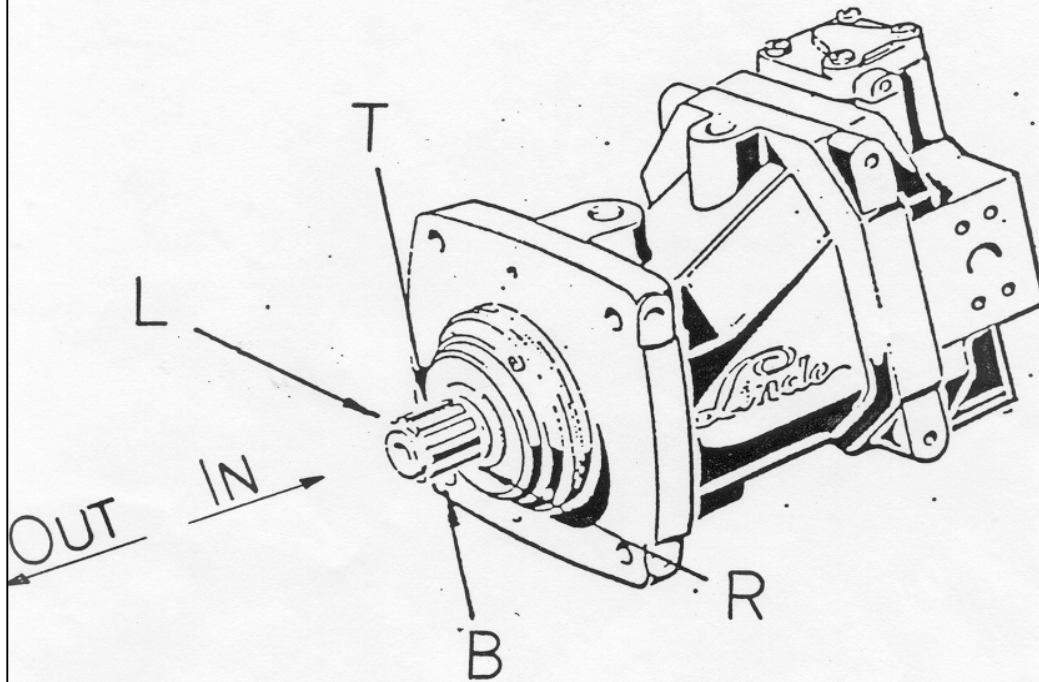




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SIDE LOADS ON "B" MOTORS



THE FOLLOWING ARE MAX ALLOWABLE SHAFT LOADS;
P = 3600 P.S.I. @ MAX CONTINUOUS SPEED. LOCATIONS ARE
TO THE MIDDLE OF THE SHAFT EXTENSION.

MODEL	POUNDS-FORCE					
	T	B	L	R	IN	OUT
35	1210	220	440 C.W. 1340 C.C.W.	440 C.C.W 1340 C.W	2600	440
50	1760	630	1340	1340	3400	1620
75	2300	680	1820	1820	4400	1620
105	2700	1050	2100	2100	5400	2700
140	3800	960	3000	3000	6800	1510
186	4500	570	2540	2540	8600	2800
260	4615	585	2600	2600	450	2925

WHERE RADIAL LOADS ARE ANTICIPATED, USE A PRESS FIT COUPLING .