

TORQUE - HORSEPOWER RATINGS



L-JAW TYPE

PRODUCT NO.	MAX BORE	MAX RPM	BUNA-N SPIDER (N)					HYTREL SPIDER (H)					
			TORQUE IN. LBS	HP PER 100 RPM	HP/SPEEDS (RPM)			TORQUE IN. LBS.	HP PER 100 RPM	HP/SPEED (RPM)			
					1200	1800	3600			1200	1800	3600	
L035	3/8	31000	3.5	0.006	0.07	0.10	0.20						
L050	5/8	18000	26.3	0.042	0.50	0.75	1.50	50.0	0.079	0.95	1.43	2.86	
L070	3/4	14000	43.2	0.069	0.82	1.23	2.47	114	0.181	2.17	3.26	6.51	
L075	7/8	11000	90.0	0.143	1.71	2.57	5.14	227	0.360	4.32	6.48	12.97	
L090	1	9000	144.0	0.228	2.74	4.11	8.23	401	0.636	7.64	11.45	22.91	
1. L095	1-1/8	9000	194.0	0.308	3.69	5.54	11.08	561	0.890	10.68	16.02	32.04	
L099	1-3/16	7000	318.0	0.505	6.05	9.08	18.16	792	1.257	15.08	22.62	45.24	
2. L100	1-7/16	7000	417.0	0.662	7.94	11.91	23.82	1134	1.799	21.59	32.39	64.77	
L110	1-5/8	5000	792.0	1.257	15.08	22.62	45.24	2268	3.599	43.18	64.77	129.55	
L150	1-7/8	5000	1240.0	1.967	23.61	35.41	70.83	3708	5.883	70.60	105.90	211.80	
L190	2-1/8	5000	1726.0	2.739	32.86	49.29	98.59	4680	7.426	89.11	133.66	267.32	
L225	2-5/8	4600	2340.0	3.713	44.55	66.83	133.66	6228	9.882	118.58	177.87	355.74	
L276	2-7/8	4200	4716.0	7.483	89.79	134.69	269.38						

* BRONZE INSERTS HAVE SAME RATING AS HYTREL INSERTS.
 * URETHANE INSERTS RATINGS MULTIPLY BUNA-N INSERT BY 1.5.

WARNING: DO NOT USE BRONZE INSERT OVER 250 RPM.

1. USES L090 SPIDERS 2. USES L099 SPIDERS

C-JAW TYPE

PRODUCT NO.	MAX BORE	MAX RPM	BUNA-N CUSHION SET (N)				
			TORQUE IN. LBS	HP PER 100 RPM	HP SPEEDS (RPM)		
					1200	1800	3600
C226	2-1/2	4800	2988.0	4.700	56.40	84.60	169.20
C276	2-7/8	4200	4716.0	7.500	90.00	135.00	270.00
C280	3	3500	7560.0	12.000	144.00	216.00	432.00
C285	4	3200	9182.0	14.600	175.20	262.80	525.60
C295	3-1/2	2300	11340.0	18.000	216.00	324.00	648.00
C2955	4	2300	18900.0	30.000	360.00	540.00	1080.00

SPIDER CHARACTERISTICS

CHARACTERISTICS	BUNA-N (N)	URETHANE (U)	HYTREL (H)	BRONZE (B)	
OIL RESISTANCE	GOOD	GOOD	EXCELLENT	EXCELLENT	
CHEMICAL RESISTANCE	POOR	GOOD	EXCELLENT	EXCELLENT	
FLEXIBILITY	EXCELLENT	GOOD	FAIR	POOR	
TEMPERATURE RANGE	F C	-40 TO +212 -40 TO +100	-30 TO +160 -35 TO +71	-60 TO +250 -51 TO +121	-40 TO +450 -40 TO +232
TORSIONAL STIFFNESS	FULL SOFT	MEDIUM SOFT	HARD	HARD	
AVERAGE HARDNESS (SHORE NUMBER)	80A	90A	55D	—	
MAX. MISALIGNMENT					
• ANGULAR	1°	1°	1/2°	1/2°	
• PARALLEL	.015"	.015"	.015"	.010"	
AVAILABILITY	L-JAW C-JAW	X X	X X	X X	
COLOR	BLACK	BLUE	WHITE	BRONZE	

TO ORDER SPIDER OR CUSHION SET SPECIFY THE COUPLING SIZE WITH THE MATERIAL SUFFIX.

EXAMPLE:
 L150H =
 HYTREL SPIDER FOR
 L150 COUPLING