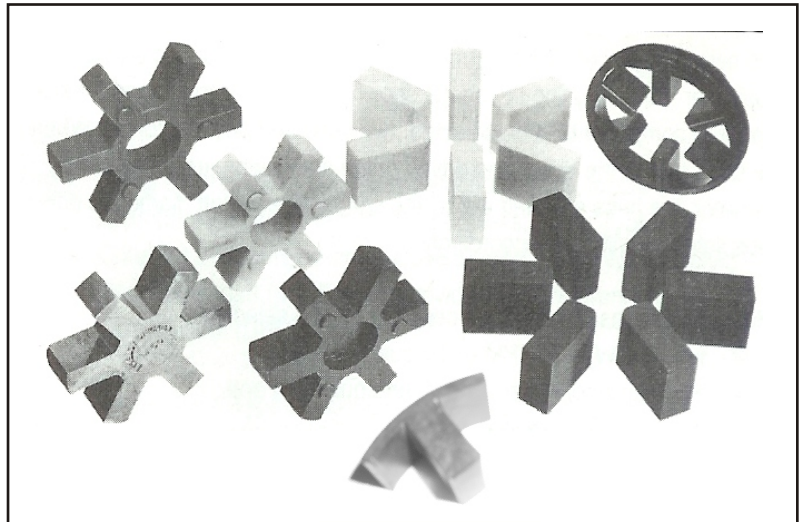


- N - Nitrile** - Solid Centre, hollow
- U - Urathane** - Solid Centre, hollow
- H - Hytrel*** - Solid Centre, hollow
- B - Bronze** - Solid Centre, hollow



Materials :-

- N - Nitrile** - Nitrile Butadiene (Buta N) Rubber, a highly flexible insert material that is oil resistant, is our standard elastomer. It resembles natural rubber in resilience and elasticity.
- U - Urathane** - Urathane has 1.5 times greater torque capability than NBR and offers good resistance to oil and chemicals. However, this material provides less dampening effect.
- H - Hytrel*** - Hytrel is a flexible elastomer designed for high torque and high temperature operations. Has an excellent resistance to oil and chemicals. It is best used in continuous load applications rather than cyclic or on/off service.
- B - Bronze** - Bronze is a rigid, porous, oil-impregnated metal insert exclusively for low speed (max. 250 RPM) applications requiring high torque capabilities. Bronze performance is not affected by water, oil, dirt.

Rathi L Spider / SW Spider / Cushions - Performance Data :

Designation	Material	Temp. Range	Misalignment		Damping Capacity	Chemical Resistant	Limitation	Colour
			Angular (Deg.)	Parallel(mm)				
N	Nitrile	-40°C to 100°C	1°	0.4	High	Good		Black
U	Urethane	-34°C to 71°C	1°	0.4	Low	Very Good		Orange
H	*Hytrel	-51°C to 121°C	1/2°	0.4	Low	Excellent	Not recommended for cyclic start / stop operation	Natural White
B	Bronze	-40°C to 232°C	1/2°	0.25	None	Excellent	Only for slow speed 250 rpm max.	Bronze

Note : * HYTREL is a trade mark of E.I. Du Pont de Nemours & Company Corporation.

Technical Data

Coupling Size	Rated torque in Nm													
	Nitrile				Urethane				*Hytrell				Bronze	
	L-Spider		#SW-Snapwrap / T-Cushions	Cushions	L-Spider		#SW-Snapwrap / T-Cushions	Cushions	L-Spider		#SW-Snapwrap / T-Cushions	Cushions	L-Spider	
	Solid	Hollow			Solid	Hollow			Solid	Hollow			Solid	Hollow
035	0.4				0.6				1.0					
050	3				4				7				7	
070	5	5			7	7			12	12			12	12
075	10	10			15	15			25	25			25	25
090		16	16			24	24			40	40			40
095		21	21			32	32			53	53			53
099		35	35			53	53			88	88			88
100		46	46			70	70			116	116			116
110		89	89			134	134			223	223			223
150		141	141			212	212			353	353			353
190		190	190			285	285			475	475			475
225		265	265			398	398			663	663			663
226		327	327			491	491			818	818			
276		532	532			798	798			1330	1330			
280		782	782				1173				1955			
295		1279	1279				1919				3198			
2955		2132	2132				3198				5330			
300			3047				4571				7618			
350			4308				6462				10770			
3067				5338				8007				13345		
3567				7124				10686				17810		
3667				9931				14897				24828		
4067				14228				21342				35570		
4567				19195				28793				47988		
5069				22822				34233				57055		
6069				35518				53277				88795		
7069				46982				70473				117455		

NOTE:-

SW-Snapwrap / T- Cushions= From size 090 to 225 elastomers are supplied in snapwrap form & 226 to 350 they are supplied in T- Cushions form.

* HYTREL is a trademark of E.I. du Pont de Nemours & Company Corporation.

ORDERING PROCEDURE FOR SPIDERS, KITS

- | | |
|--------------------------|---------------------------------|
| 1) L 070 SPIDER H | L 070 Hytrell spider. |
| 2) SW 095 SPIDER N | SW 095 Nitrile snap wrap spider |
| 3) L 190 HOLLOW SPIDER B | L190 Hollow Bronze spider. |



Rathi Transpower Pvt Ltd
 Rathi Chambers, 7, Deccan College Road,
 Pune 411 006.
 Phone : 91-20-30517200
 Fax : 91-20-30517212
 E-mail : info@rathigroup.com
 Website : www.rathitranspower.com

Distributor