



Torque Motor Drive Quick Disconnect Spider Universal Spacer Couplings



Coupling Star Spider Technical Specification JOY LOVE EQVT HIC Manufactured Brand

Universal Star Couplings ensures quick and easy installation in reciprocating pumps, generator sets, diesel and gas engines and other such drives, in a way, coupling installation requires no special tools due to simple construction, even other spider arm is an idler and can be advanced to the load carrier jaws & thus functioning as a spare spider in every coupling.



'L' Type Coupling



'SW' Type Coupling



'RRS' Type Coupling

Power Transmission hic Spider Spacer Couplings

1. **L Type** pumps drive lovejoy interchangeable **jaw spider** couplings 050 to 280 sizes upto 192 mm OD 75 mm maximum bore.
2. **SW Type** centrifugal pumps run rathi interchangeable **snap wrap** couplings 095 to 225 sizes upto 323 mm OD 80 mm max bore. Ease of use as no need to dismantle connected equipment while replacing element thus **saving machinery downtime**.
3. **RRS Type** engines hi-speed rotation rathi interchangeable **spacer** couplings 095 to 226 sizes 90-100-140mm spacer length 70 mm max bore.
4. **RRL Type** engines hi-speed rotation rathi interchangeable spacer couplings 095 to 225 sizes 90-100-140mm **spacer** length 70 mm max bore.
5. **C-series** Higher Torque lovejoy interchangeable flex shaft cushion couplings 226 to 2955 sizes upto 80mm max bore.

Two standard hubs, one cushion set and collar with hardware makes good choice.

Select wisely by determining (i) service factor (ii) design power running motor hp x service factor (iii) choose proper coupling from technical data table (iv) verify bore size of chosen coupling, whether can be used.



Contact For Quote:

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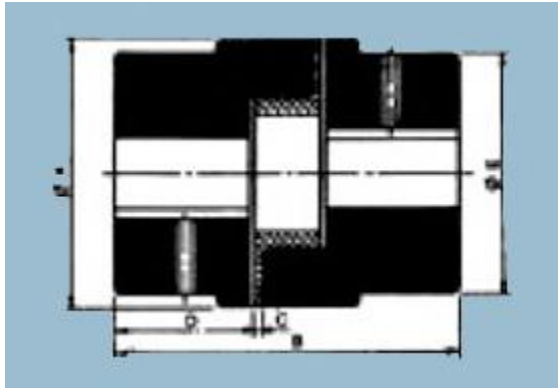
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Key personnel : Mr. Anil Gupta, President



**Torque Motor Drive
Quick Disconnect
Spider Universal
Spacer Couplings**



Coupling STAR Spider Spacer Product Specification

Coupling size	material Al=aluminium CI=Castiron	Bore		coupling outside diameter A	coupling overall length B	gap between jaw & body C	coupling length thru bore D	coupling hug diameter E	torque kg.M.	Power per100 rev/min KW	Power per100 rev/min HP
		Pilot	Max								
050-SL	CI	5	16	27	42	1	15	27	0.29	0.03	0.04
070-SL	CI	9	20	36	51	2	19	36	0.50	0.04	0.06
070-SL	AL	9	20	36	51	2	19	36	0.40	0.037	0.05
075-SL	AL	14	22	44.5	55	2	21	39	0.80	0.80	0.11
075-SL	CI	9	22	44.5	55	2	21	39	1.00	0.10	0.13
095-SL	AL	15	28	54	63	2	25	49	1.70	0.17	0.23
095-SL	CI	15	28	54	63	2	25	49	2.15	0.22	0.30
099-SL	AL	15	30	65	72	2	27	51	2.80	0.29	0.39
099-SL	CI	15	30	65	72	2	27	51	3.58	0.37	0.50
100-SL	AL	15	38	65	88	2	35	57	4.00	0.41	0.55
100-SL	CI	15	38	65	88	2	35	57	4.73	0.49	0.66
110-SL	CI	15	42	85	108	3	43	76	8.95	0.93	1.25
150-SL	CI	15	48	96	115	3	45	80	14.32	1.49	2.00
190-SL	CI	36	55	115	133	3	54	102	19.34	2.01	2.70
225-SL	CI	36	60	127	153	3	64	108	27.00	2.81	3.77
226-SL	CI	36	65	137	178	3	70	115	32.33	3.36	4.51
276-SL	CI	45	75	157	200	3	80	127	53.71	5.59	7.50
280-SL	CI	45	75	192	200	3	80	140	76.69	8.30	11.12
295-SL	CI	58	90	237	238	3	95	160	130.41	13.58	18.21
295-SL	CI	73	100	237	264	3	108	180	217.35	22.64	30.35



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Torque Motor Drive Quick Disconnect Spider Universal Spacer Couplings



- * Coupling equivalent & interchangeable to Love Joy Type 'L' & Fenner brand Essex Standard.
- * Coupling Spacer type of length 75/90/100/135/140/180 mm equivalent & interchangeable to Rathi coupling 'RRL' & 'RRS' also manufactured & supplied.
- * Coupling External Spider, 'SW' eqvt & Coupling Cushion Type, 'C' eqvt. also manufactured.
- * Bore other than specified available on order.
- * Coupling Star also manufactured with Quick-Fit Taper Lock bush system.

Star Coupling Information To Be Supplied With Enquiry or Order

- Coupling size no. i.e., SL 070 or SL 099 & so on.
- Material grade i.e. Aluminum or Cast Iron & so on.
- Outer Diameter, O.D. in mm.
- Specific bore size in mm.
- Star coupling regular type or with quick-fit taper lock bush system required .
- Application detail.
- Quantity in nos.

Disclaimer: Information's, written and verbal are provided by HIC, relative to its products which it determines to be reliable & no liabilities of whatsoever nature in regards to its uses. The purchaser of UNIVERSAL brand industrial products should determine for itself the suitability of such products.



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