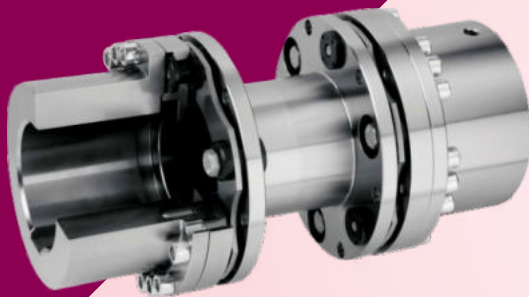


# Backlash-free Shaft Drive use of Pump Motor *Flexible Coupling*

Made in India



**PERFORMANCE MEETS  
HIGH-TORQUE ROTATION  
FEATURES**

[www.hicPowerDrive.com](http://www.hicPowerDrive.com)

T: +91 88266 79660, 72890 45000



Star Spider  
as per BS 3170



Tyre per ISO 14691,  
BS 4235



Jaw Spacer  
per BS 4235



Pin Bush  
per IS 2693



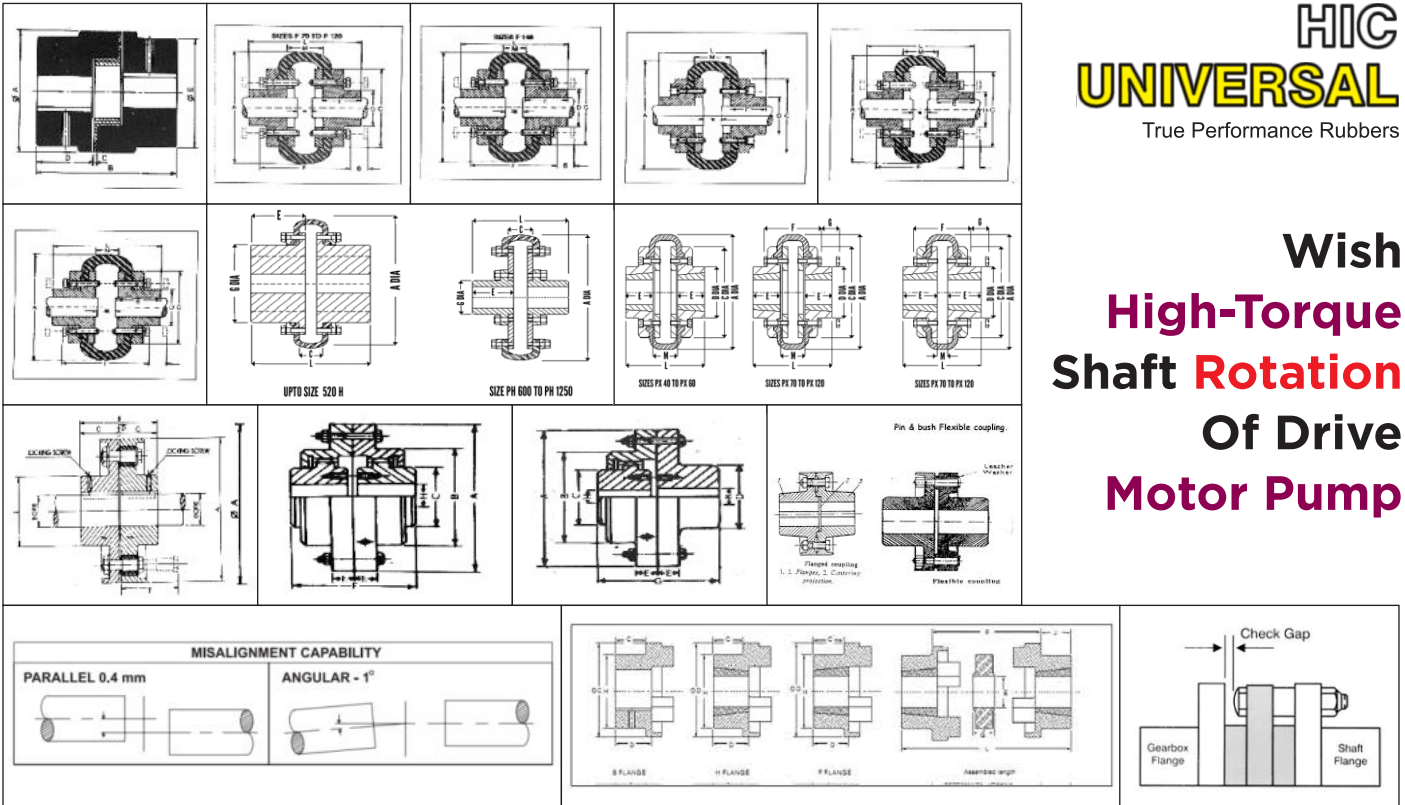
Gear Full,  
Half Rigid per IS 12405



***Installation & Warranty  
Information***

**HIC**  
**UNIVERSAL**  
 True Performance Rubbers

**Wish**  
**High-Torque**  
**Shaft Rotation**  
**Of Drive**  
**Motor Pump**



**Manufacturing Range at: [www.UniversalDelhi.org](http://www.UniversalDelhi.org)**  
**Profile at: [www.hicRubber.com](http://www.hicRubber.com)**





## Thank You for Purchasing HIC “UNIVERSAL” Shaft Coupling

HIC International Co.'s Manufactured Quality industrial pump, motor, engine Drive Shaft Flexible Coupling produced of forged steel and torsionally flexible neoprene rubber superseding IS 12405, 12427, BS 4235, 3170, DIN 7190, 6885, ISO 4863, ISO 286 standards, Zero Backlash High Torque Drive & High Bore Capacity Minimal Slippage aspect Advantage assures Long Life Reliability.



### **Break-free Drive** **Misaligned Shafts Flexible Coupling Installation Tips**

- 1. Position and Secure Larger Shaft** of the 2 shafts (if different) and progress the coupling onto it, using simple tools like Spanner, Allen key.
- 2. Progress Second Shaft** into the bore, taking care not to lever either shaft against the inner wall of the spacer.
- 3. Progress Flexible Coupling** along the shafts to a position midway between the shaft terminations. Rotate the coupling to ensure it is not binding and is in its natural state, i.e., neither extended nor compressed.
- 4. Lighter Machinery suited Radially Removable Star Spider Coupling** 'L', RRL, RRS, SW type sizes are ideal for max. 100mm bore handling & being compact, maintenance is difficult when rubber spider breaks and if not replaced in time, complete coupling gets damaged.
- 5. Misalignment Manageability Torsionally Elastic Automatic Flexible Tyre Coupling** TC, F, PH, HRC type sizes makes maintenance easy due to quality flexible rubber tire used & available as spare, ideal for max. 220mm bore handling.
- 6. Problem-Free Running of Anti-Backlash Shock Absorbing Pin Bush Coupling** 'B' type sizes have good torque & misalignment manageability are ideal for max. 190mm bore handling made of graded FG250 CI and Pins of EN9 material makes easy to maintain as bush & pins set can be replaced.
- 7. Superb Torque Maintenance-Free built Curved Tooth Gear Coupling** Rigid Flexible 'S' type sizes have best misalignment manageability that can run slowly below 300 rpm & up to 13930 kg-m load capacity are ideal for max. 310mm bore handling made of forged alloy steel EN 24 material is just fit and forget for years.

**Size Variation** (+, -1mm Outer Diam., Hub/Boss, Width) as per HIC manufacturing tolerance should be acceptable.

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



## Why HIC Universal

### Flexible Shaft Couplings?

#### Superb Misalignment Run Torsionally Elastic Tyre, Jaw Spider

Accommodates Shaft Distances of Centrifugal Pump, Motor

#### Zero Backlash, Shock Absorbing Pin Bush, Brake Drum

Permits High Torque Transmission between Shafts of EOT Crane

#### Large Bore Capacity Curved Tooth Gear, Full-Flex, Half Rigid

Efficient No Slippage Machine Drive in Rolling Mill, Turbine, Cement

#### Superior Interchangeable Spare Flexible Elements

Eases Coupling Maintenance on Existing Installations of Rubber Tyre, Spider, Pin Bush



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[www.hic-india.com](http://www.hic-india.com)

## WARRANTY CERTIFICATE

The goods tailor-made, supplied as per buyer's P.O. specifications is warranted against any manufacturing defects for 12 months from the date of Invoice, and assume liability of repairing free of cost in the event of any manufacturing defects.

HIC Int. shall be under no liability in respect of any defect in the goods arising from any drawing, design or specification supplied by the Client. Goods claimed to be in default must be returned to HIC's factory at client cost; cost for return transport prepaid.



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