

POONA COUPLINGS PVT. LTD.

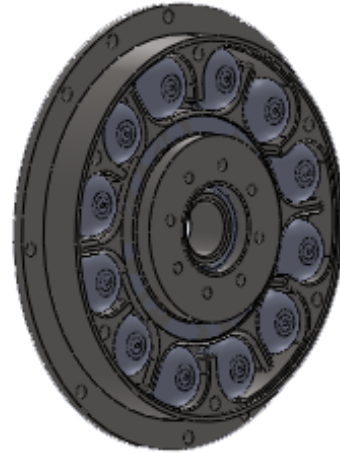
Leaders in Coupling Technology



COUPLING FOR UNIVERSAL JOINT (UJ)

Couplings for UJ applications made by Poona Couplings have a unique arrangement which does not allow the sinusoidal forces created by UJ movement to pass on to the prime mover, which in-turn protects the vital parts of the prime mover like crankshaft bearing of engine or rotor bearing in case of motors.

Engineered solutions can be offered from 100 Nm torque transmission.



Poona Couplings have a dedicated range of couplings for power transmission through UJ shafts. Our standard UJ Coupling ranges from 1200 Nm to 18,000 Nm torque transmission for diesel drives.

Currently UJ 0.2, UJ 0.24, UJ 1200, UJ 5000 are being used at the Engine test bed with UJ shaft. Also UJ 0.12, UJ 0.2, UJ 0.24 are being used for Engine driven pump applications.

Salient Points

- Intrinsically fail-safe
- Control of resonant torsional vibration
- Severe shock load protection
- Maintenance free
- Introduces damping into the driveline

Benefits

- Ensures continuous operation of the driveline
- Achieves low vibratory loads in the driveline components by selecting optimum stiffness characteristics
- Avoids failure of the driveline under short-circuit and other transient conditions
- No lubrication or adjustment is required resulting in low running costs
- Introduces damping into the driveline

Applications

- Railway Vehicles
- Construction Plant
- Marine Drives Pumps
- Pumps
- Paper Mills
- Steel Mills
- General Machinery
- Power Takeoffs



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