



ALL TYPE FOR TRANSMISSION ACCESSORIES

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SPUR GEAR



HELICAL GEAR



SPIRAL BEVEL GEAR



CONVEYOR



RACK & PINION



WORM & WORM WHEEL



HELICAL BEVEL GEAR



DOUBLE HELICAL GEAR



CROSS HELICAL GEAR

Heavy Planetary Drives



- Rigid in construction.
- Versatile mounting arrangement.
- High overhang load capacity.
- Compact in size.
- Ratio available from 2.6 to 100000.
- Power 50 Kw to 370 kW.
- Torque capacity up to 2000000 Nm

NMRV POWER

- Sizes : 063-075-090-110
- M2 max : 700 Nm.
- Ratio : From 5 to 100
- Power : Up to 9.2 kW



NMRV



- Sizes : 025-030-040-050-063
075-090-105-110-130-150
- M2 max : 1550 Nm.
- Ratio : From 5 to 100
- Power : Up to 15 kW

H-CH-IH

- Sizes : A30-A40-A50-A60
- M2 max : 500 Nm.
- Ratio : From 1.33 to 353.98
- Power : Up to 4.8 kW



Helical Geared Motors



- Range from 0.16 HP to 55 HP
- In house Gear Manufacturing & Heat Treatment.
- Wide range of power/speed and various specialities in Electric Motors.
- High transmission efficiency.

Shaft Mounted Speed Reducer (SMSR Plus) - Helical



- Mounted directly on shaft. No foundation required.
- Eliminates coupling and external belt take-up arrangements.
- 8 sizes B, C, D, E, F, G, H and J Plus.
- Torque (O/P) - 6930 Nm at 10 RPM
- 3 Ratios 5:1, 13:1 & 20:1
- Wide choice of output speeds obtainable by use of appropriate input V-Belt drive.
- Choice of Hub bores.
- Delivers 98% efficiency per stage of reduction

Parallel Helical Geared Motor

- Model - F & G
- Ratio - 25 : 1
- Nominal Motor RPM Input ref: 1440
- Back stop is available in Adaptor flange
- Hollow output Hub with Standard & alternate bore sizes.
- Flange design available for vertical Mounting applications.
- Torque arm / Anti Vibration Bracket assembly available as accessories.



Helical Inline Geared Motor (FH Series)



- Power Rating - 0.12 KW to 15 KW.
- Wide range of ratios
- High Durability and Reliability.
- Accepts Standard IEC motors.
- Gear box with IEC / ISS
- Mounting options : Foot Mount / Flange Mount.
- Quite and Noiseless operation.

Worm Gear Box

- Casing is made of closely grained FG - 260 Grade C.I.
- Easy interchangeable with the Std. gear boxes.
- Ratio - 5:1 to 70:1 (Single Stage Reduction)
- Ratio - Up to 3000:1 (Double Stage Reduction)
- Types - Adaptable / Solid Foot mount / Heavy duty vertical.



HRC Flexible Jaw Couplings



- Higher power transmission and misalignment capacity.
- Withstands temperatures from -40° C to 100° C.
- 8 sizes power rating from 0.33 kW to 33 kW at 100 rpm.
- Standardized HRC plug-in Flywheel Couplings for Kirloskar, Cummins, Leyland, Ruston & Perkins engines.

Taper-Lock Dual Duty Pulleys (Classical V/ Wedge, Poly-V Timing and HTD drives)



- Dual Duty grooves to perfectly match Classical V and Spacesaver wedge belts.
- Taper Lock Pulley for Poly - V and Timing / HTD drives.
- Caters to drives up to 200 kW with speed ratio up to 1:7
- Taper Lock - 'Shelf to Shaft'
- Over 710 standard sizes.
- Custom-build large pulleys for higher power Transmission.

Fenaflex Tyre Couplings

- Highly elastic, backlash free, absorb shocks and dampen vibrations.
- Choice of Tyres - Standard, Neoprene or Fire Resistant Antistatic (FRAS).
- 17 sizes - power rating 0.22 kW to 132 kW at 100 rpm.



Bush Type Flexible Couplings



- Simple & Compact in construction.
- Transmits torque through high tensile steel bolts.
- 26 sizes - power rating from 0.81 kW to 2069 kW at 100 rpm.



Gear Couplings

- High mechanical flexibility- Curved tooth profile.
- Carbon steel forged/cast hubs with hardened teeth.
- 19 sizes- power rating 11.5kW to 12700 kW at 100 rpm.
- Variants of Shear Pin, Spacer, Torsion Shaft types.

Essex Couplings

- Flexible inserts cater for incidental angular, parallel and axial misalignments.
- Quick and easy installation.
- Range of Standard, External Spider and Cushion Type with power rating from 0.21 kW to 22.40 kW at 100 rpm



Resilient Couplings



- Torsionally flexible providing protection against shock load, impact load and vibration.
- Transmits full torque with dampened vibration and reduce peak loads.
- Sizes: from 0.45 kW to 1307 kW per 100 rpm and bore up to 267 mm.

Single piece valve



- Design & Manufacturing STD: VS 5351
- Testing & Inspection STD: BS 5146 / API 598
- Face to Face: As per ANSI B 16.10
- End Connection: BSP / BSPT / NPT / Socket Weld
- Hydro Test on Body: 425 PSI & Seat 300 PSI Temp 180° C

Two Piece Valve

- Design & Manufacturing STD: BS 5351
- Testing & Inspection STD: BS 5146 / BS 6755
- Face to Face: As per ANSI B 16.10
- End Connection: Flanged as per ANSI B 16.5
- Hydro Test on Body: 425 PSI & Seat 300 PSI Temp 180° C



Butterfly Ball Valve



- Design & Manufacturing STD: API 609 / IS
- Testing & Inspection STD: API 598 / IS 13095
- Temp. Rating : Material will be selected according to service

Forged Steel Ball Valves

- Casing is made of closely grained FG - 260 Grade C.I.
- Easy interchangeable with the Std. gear boxes.
- Ratio - 5:1 to 70:1 (Single Stage Reduction)
- Ratio - Up to 3000:1 (Double Stage Reduction)
- Types - Adaptable / Solid Foot mount / Heavy duty vertical.



Three way flanged end ball valve



- Design & Manufacturing Std : BS 5351 / API 6 D
- Testing & Inspection Std : API 598 / BS 5146
- Face to Face : As per ANSI B 16:11
- End Connections : Ranged as per ANSI 16:5

Based in Gujarat (India), Bhagyoday Transmission Co. is an accomplished Manufacturer, Supplier, Exporter, Trader and Distributor of an array of automobile components. Since the foundation of our company in the year 1967, we have gained a remarkable success with our continuous efforts to achieve excellence. Our product line includes Reduction Worm Gearbox, Reduction Worm Gear Unit, Gearbox, EUSM Type Single Reduction Worm gear, Chain Sprocket Duplex & Triplex, Chain Sprockets, Chain Wheel, Gear Spur Helical, Transmission Chain Wheel, Triplex Roller Chain, Worm Wheel, Standard Roller Chain B.S.S., etc.



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