

ROTOTRANS INDIA Pvt Ltd.

MICRO PLANETARY GEAR REDUCER

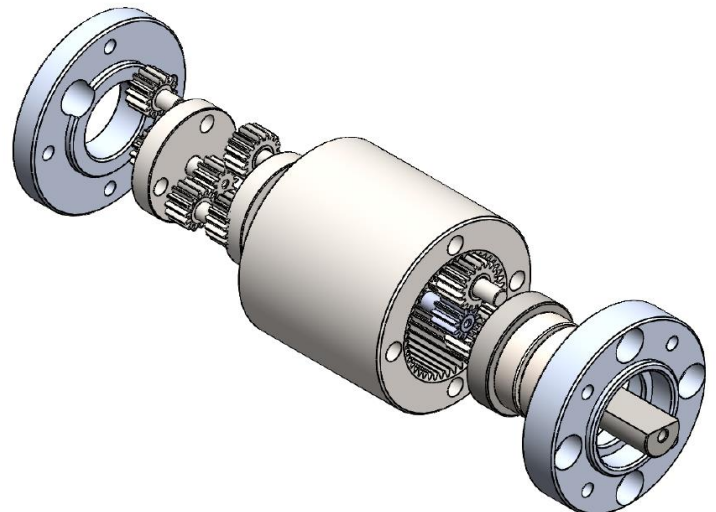
Rototrans India Pvt Ltd a leading gearbox manufacturer located in Bangalore is proudly announces the launch of Micro planetary gear reducer which could be effectively integrated with BLDC/PMDC motors

Back lash free Shaft type and flange type (out-put) gear reducers are popular models which are as follows

- RTM series output shaft type with ratios 3,5,10,20,100 or custom made
- RTMO series output flange type with ratios 35,97 or custom made

Salient Features

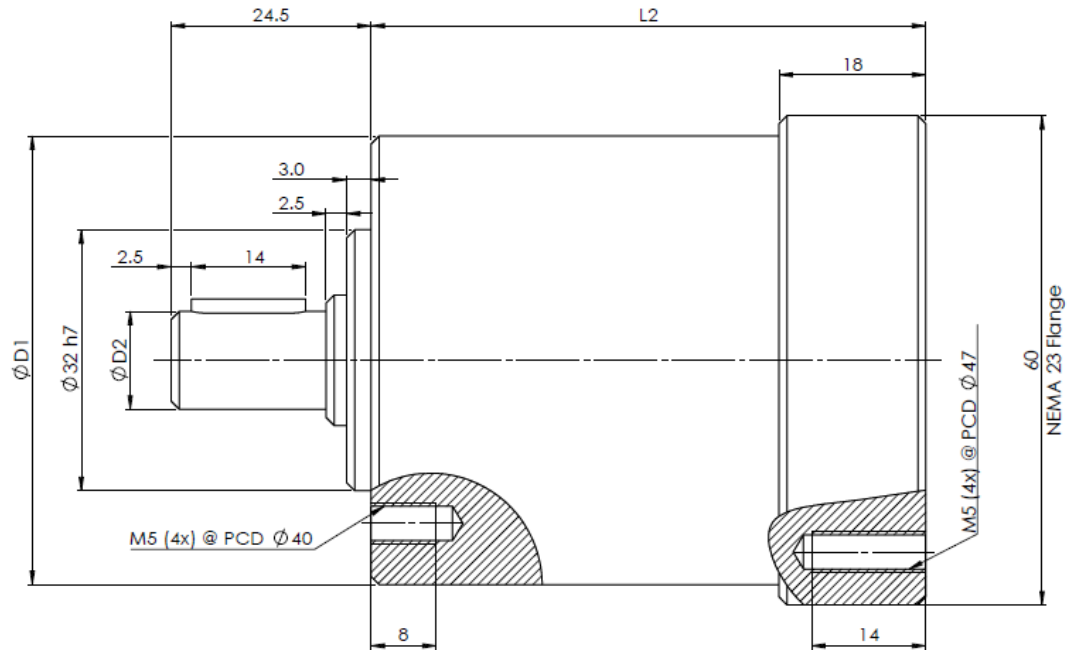
- Sealed Ball Bearings
- High Reliability, High Efficiency Design
- IEC/NEMA Mounting Standards
- High Shaft Loading Capacity
- Low Backlash Design
- Strong, Caged Roller Bearings
- Precision Input Pinion with Balanced Clamp Collar



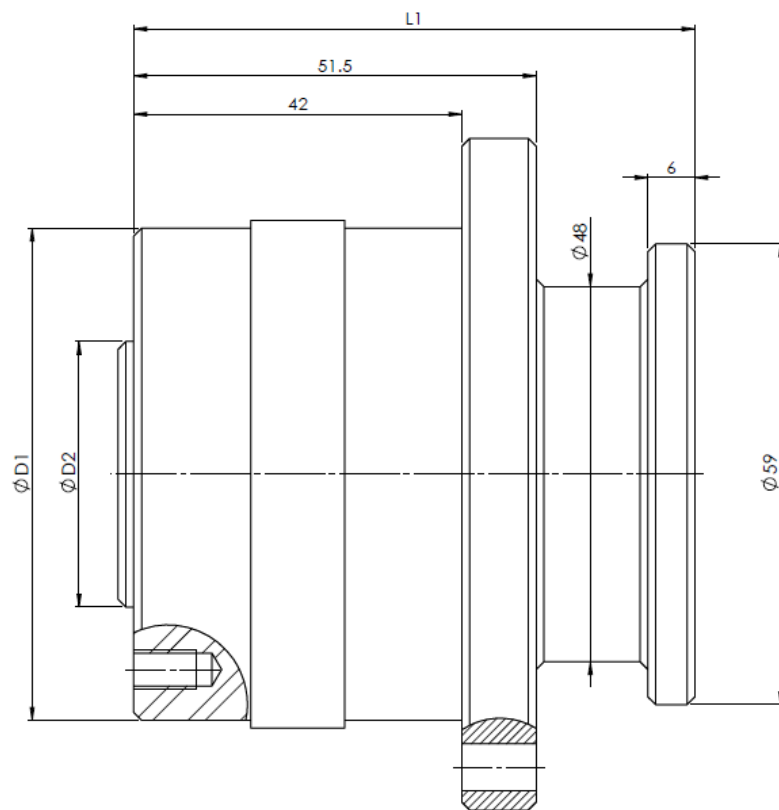
Technical specification are as below:

Model	Backlash (arc min)	Gear ratio	Efficiency(%)	Rated torque >10000 Hours (Nm)	Emergency stop Torque (Nm)	Inertial at motor shaft (kg*cm ²)	Noise (dB(A))	Radial load @ 12mm (N)	Axial load (N)	Weight (kg)	L1 (mm)	D1 (mm)	D2 (mm) (h7)
RTM055-003-12-00	10	3	97	12	40	0.28	<70	500	600	1.0	68	55	12
RTM055-005-12-00	10	5	97	15	45	0.17	<70	500	600	1.0	68	55	12
RTM055-012-12-00	10	12	94	20	60	0.16	<70	500	600	1.2	84.8	55	12
RTM055-020-12-00	10	20	94	20	60	0.16	<70	500	600	1.2	84.8	55	12
RTM055-100-12-00	10	100	90	20	60	0.11	<70	500	600	1.5	98.6	55	12
RTO063-035-34-00	<7	35	>90	37	74	0.006	-	2600	3700	1.34	71.8	63	34
RTO080-097-46-00	<7	97	>90	78	156	0.027	-	4800	6900	2.10	78.8	80	46

RTM Series GA
drawing:



RTMO Series GA
drawing:



More Details:

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