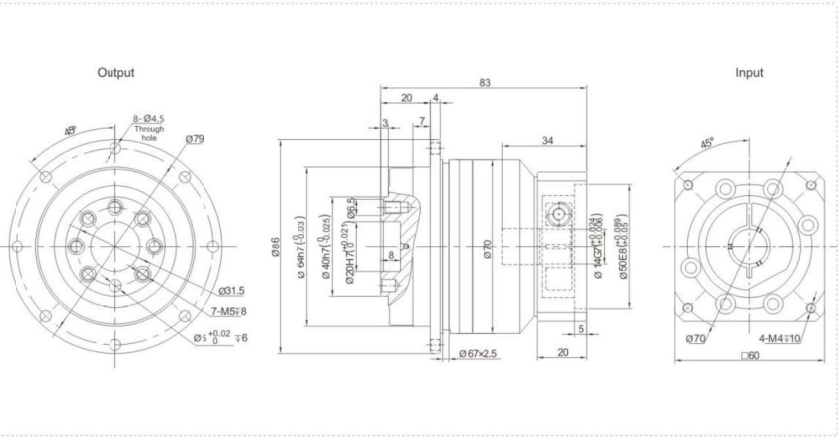


TD Series - Smooth and Reliable

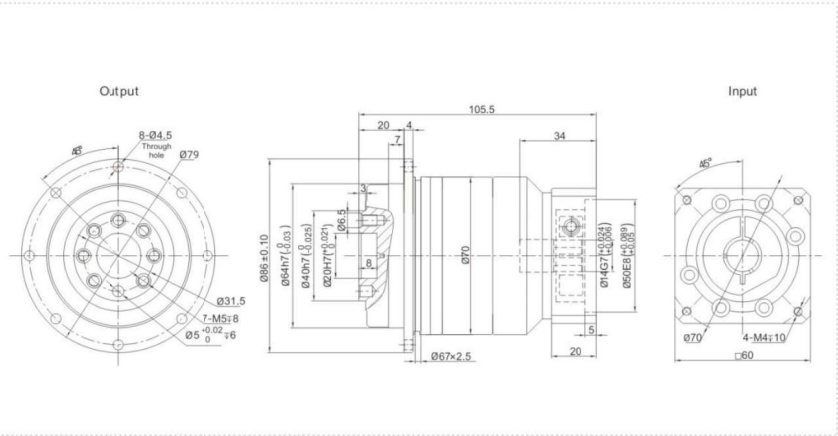


TD064 Series

TD064 One Stage



TD064 Two Stage



Performance Data

TD series reducer offers quiet operation with high axial load and tilt moment. High quality and capacity load bearing ensures smooth operation for any flange-operated applications.

TD064		One Stage						Two Stage					
Speed Ratio	i	4	5	7	10	20	25	35	40	50	70	100	
Nominal Output Torque	T <sub>1</sub> Nm	50	58	50	42	50	58	50	48	58	50	42	
Emergency Stop Torque	T <sub>2</sub> Nm	T <sub>1</sub> × 3						T <sub>1</sub> × 3					
Nominal Input Speed	S <sub>1</sub> rpm	5000						5000					
Maximum Input Speed	S <sub>2</sub> rpm	10000						10000					
Maximum Output Torque	T <sub>4</sub> Nm	T <sub>1</sub> × 3 × 60%						T <sub>1</sub> × 3 × 60%					
Maximum Bending Moment	M <sub>b</sub> Nm	125						125					
Maximum Axial Force	F <sub>a</sub> N	1050						1050					
Torsional Rigidity	— Nm/arcmin	13						13					
Efficiency	η %	≥ 97						≥ 94					
Service Life	— h	30000						30000					
Noise	— dB	≤ 58						≤ 58					
Weight	— Kg	1.3						1.8					
Backlash	P0	≤ 1						≤ 3					
	P1	≤ 3						≤ 5					
	P2	≤ 5						≤ 7					
Operating Temperature	— °C	-20~90						-20~90					
Lubrication	—	Synthetic Grease						Synthetic Grease					
Protection Class	—	IP65						IP65					
Mounting Position	—	Any Direction						Any Direction					
Moment of Inertia	J kg.cm <sup>2</sup>	0.14		0.13				0.13					

Notes:

- Speed ratio (i=Sin/Sout)
- When the output speed is 100 rpm, it acts on the center of the output shaft.
- For continuous operation, the service life is no less than 10,000 hours.
- The noise value was measured based on the input rotational speed of 3000 rpm, i=10.

Any product models and parameters in this sample are subject to change without prior notice. Please confirm with the company before ordering.