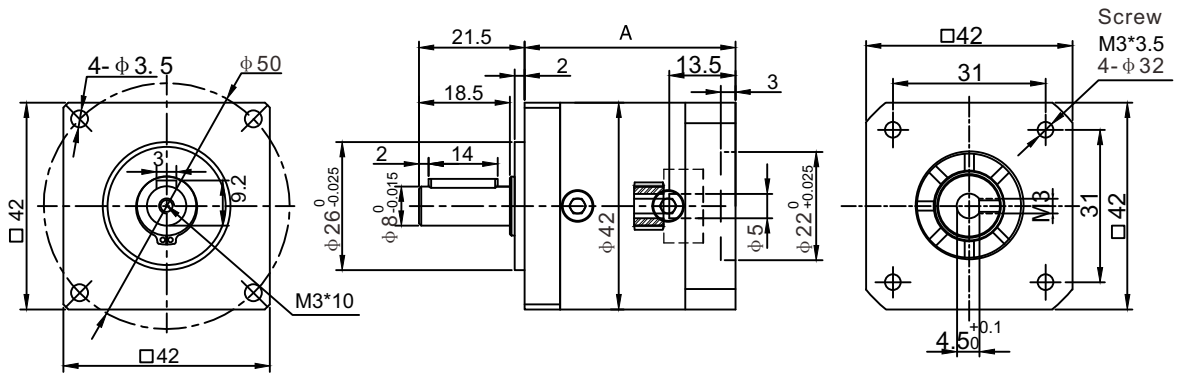
DLF42 Series Planetary Gear Reducer

Standard Precision for Stepper Motors

Mechanical Dimensions in mm



Note: Customizable to match with all motors.

Specifications

Stage	1-Stage				2-Stage					3-Stage					
Length of A (mm)	40				52					64					
Reduction Ratio	4	5	8	10	16	20	25	40	50	64	80	100	125	160	200
Rated Output Torque (N.m)	8	7	4	4	12	12	10.5	10.5	10.5	15.5	15.5	15.5	13.5	15.5	13.5
Max. Output Torque (N.m)	16	14	8	8	24	24	21	21	21	31	31	31	27	31	27
Fullload Effciency (%)	96%				94%					90%					
Backlash	<30arcmin				<40arcmin					<60arcmin					
Weight (kg)	0.23				0.34					0.5					
Average Lifetime (H)	> 20000														
Lubrication	Long-term Effective Grease														
Rotation Direction	Input Output Same Direction														
Working Temperature	-10^0~$+80^0$														
Installation	Any														