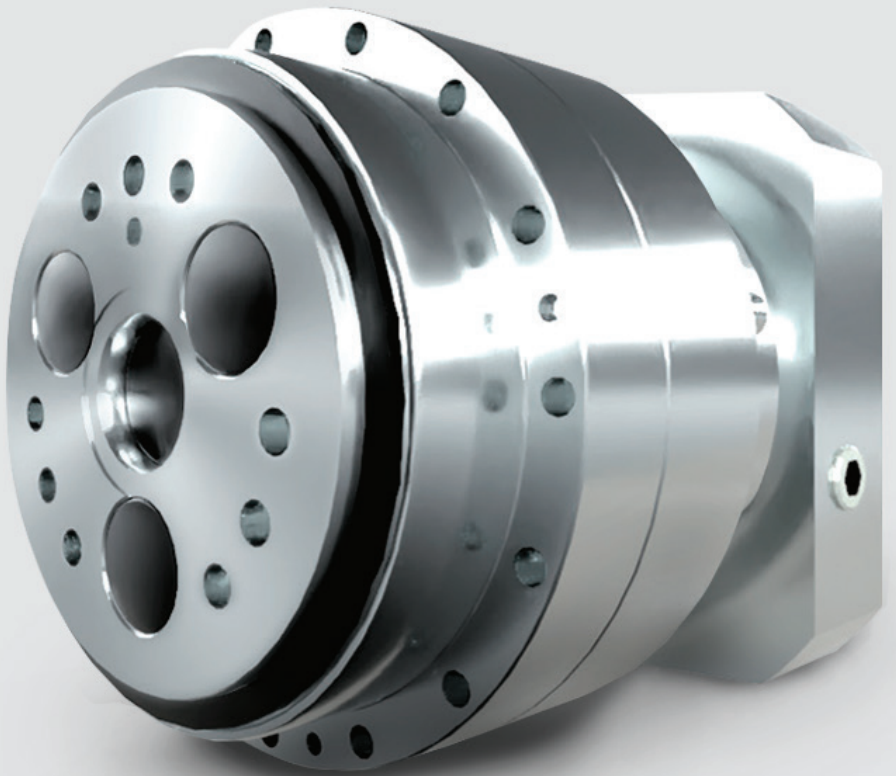
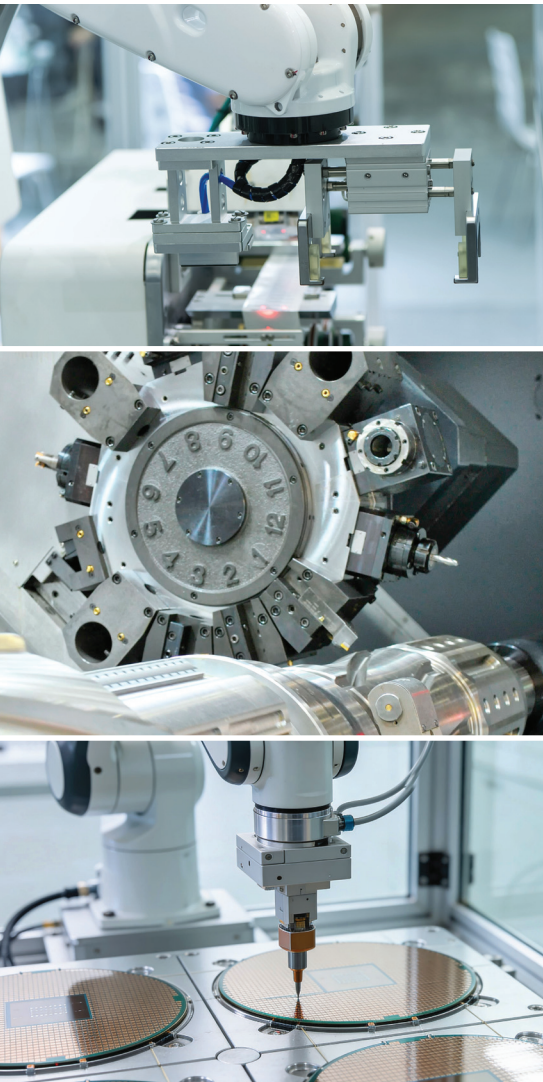


KINEX

Cycloidal Gearheads



- High-precision, high-torque solution for demanding motion systems
- Rugged cycloidal gearhead designed to withstand unexpected shock loads
- Multiple frame sizes with high reduction ratios
- Direct motor mounting system for simplified installation

Proven Precision. Simplified Integration.

EHG Series KINEX Gearhead Type

EHG Series gearheads combine the high precision, high torque capacity, and rugged performance of our KINEX cycloidal reducers with the modularity, installation ease, and universal motor mounting of our VR Series planetary products.

The result is an integrated, motor-ready cycloidal gearhead designed to simplify machine installation and reduce engineering and assembly time. Available in three frame sizes with multiple high reduction ratios, the EHG Series supports demanding machine tool, semiconductor, robotics, inspection, positioning, and AGV applications.

Model Code

EH	G	—	025N	—	81	—	19HA16
Series	Type		Size		Ratio		* Mount Code

* The mount code is determined by the motor to be attached. This can be confirmed using the “Selection Tool Configurator” on our website (please refer to the QR code on the bottom right). If you have any questions, please contact us.

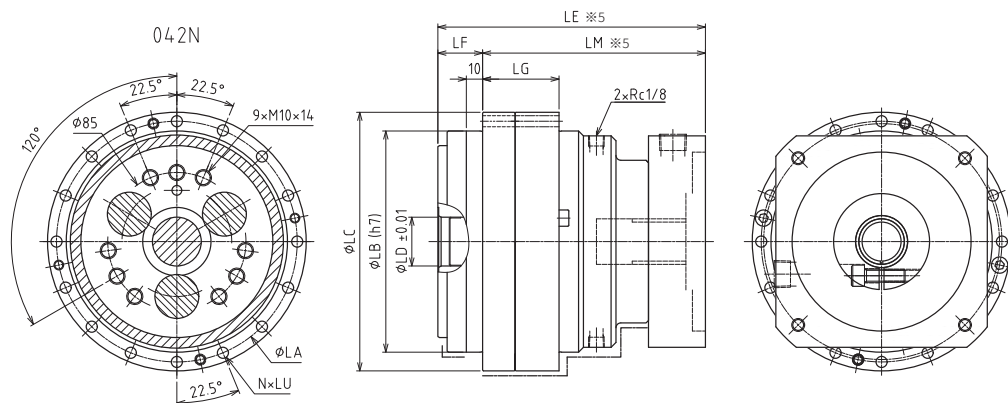
Performance Specifications

Frame Size	Ratio	*1 Rated Torque	Rated Output Speed	Rated Service Life	Allowable Acceleration/ Deceleration Torque	Momentary Maximum Allowable Torque	Lost Motion	Transmission Angular Accuracy	*2 Allowable Moment	Momentary Allowable Moment (Max.)
		[Nm]	[rpm]	[h]	[Nm]	[Nm]	[arc-min]	[arc-sec]	[Nm]	[Nm]
025N	81	245	15	6,000	612	1,225	1	70	784	1,568
	107.67									
	126									
	137									
	164.07									
042N	81	412	15	6,000	1,029	2,058	1	60	1,660	3,320
	105									
	126									
	141									
	164.07									
080N	81	784	15	6,000	1,960	3,920	1	50	2,150	4,300
	101									
	129									
	141									
	171									

*1) The rated torque is the torque value that corresponds to the rated lifetime when operating at the rated output rotation speed, and does not indicate the upper limit of the load.

*2) The allowable moment changes depending on the axial load.

Dimensions



Selection Tool
Configurator



KINEX Catalog

[mm]

Frame Size	LA	LB	LC	LD	N	LU	LE *1	LF	LG	LM *2
025N	123.5	113	133	24	16	5.8	139	30.5	27	108.5
042N	148	136	159	30	16	6.8	149.5	27.5	47	122
080N	175	160	189	35	16	9	162	33	47	129

*1) For output flange dimensions, please refer to the “KINEX Catalog (N Type Dimension Drawing)”.

*2) The dimensions in the table above are representative values. Dimensions will vary depending on the attached motor.