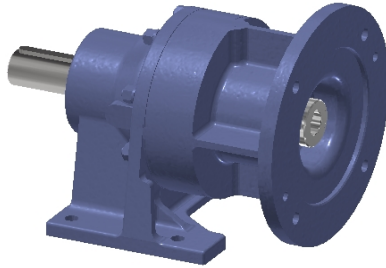


Product Configuration Technical Specification Sheet

Cyclo® 6000



Unmatched Reliability, Exceptional Performance

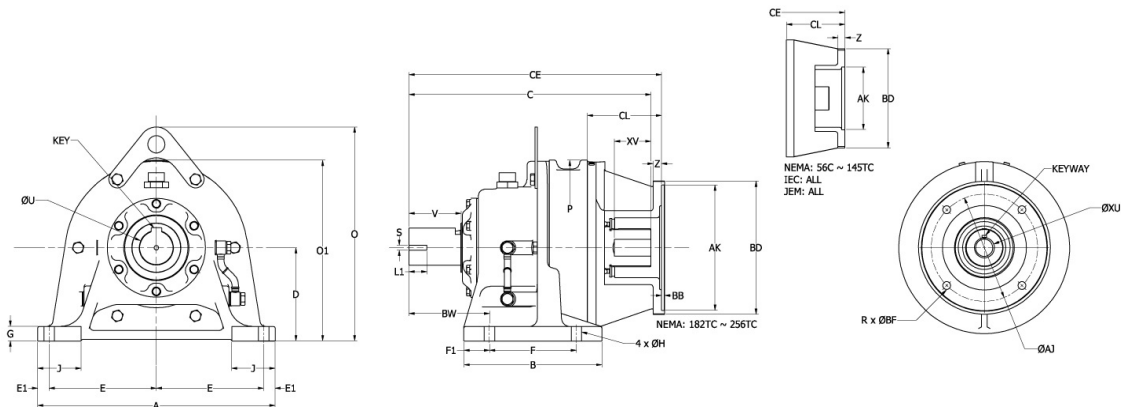
Cyclo® Drive 6000 reducers and gearmotors are designed to withstand extreme momentary intermittent shock overloads in emergency situations.

Basic Cyclo Product Information	
Model	CNHX-6105E-43/G80/A200
Cyclo® Frame Size	6105
Housing Style	(H) Foot Mount
Output Shaft Orientation	(H) Horizontal
Input Configuration	(X) Hollow Input Shaft-IEC
Shaft Specification	(E) Standard European Metric Size

Configuration Rating Information	
Actual Ratio	43
Input / Output RPM	1450 / 33.7

NOTE: Information displayed on this technical specification sheet will vary, as it is based upon your actual selections. Please see next page for more configuration specific information.

Dimensions shown are for reference only and are subject to change without notice, unless certified. Certified prints are available after receipt of an order; consult factory for more information. Image shown is representative and may not reflect actual unit and/or orientation.



Units: mm Approximate Weight: 16 kg

H-Casing	A	B	C	D	E	E1	F	F1	G	H	J	O1	O	P	P1	BW
	180	135	255	100	75	15	90	15	12	11	40	-	207	150	-	85

Output Shaft	U	U TOL.	V	S	L1	KEY
	30	+0.015 / +0.002	60	M10	22	8 x 7 x 50

Hollow Input IEC Adapter	AJ	AK	AK TOL.	BD	BB	BF	R	CE	CL	Z	XU	XU TOL.	XV	KEY WAY
	165	130	+0.063 / +0	200	-	11	4	267	86	12	19	+0.041 / +0.020	31	6

Product Configuration Technical Specification Sheet

Input Configuration		Product Ratings	
Input Stage Frame Size	610 Flange	Application or Motor Input Power	1.08 kW
Motor Standard	IEC	Service Factor	1.005
Motor Frame Size	80/A200	Calculated Output Torque	291 N-m
Input Shaft Accessory Mounting	Not Applicable	Rated Input RPM	1450
		Rated Output RPM	33.7
		Product Rated Input Power	1.08 kW
		Product Rated Output Torque	292 N-m
		Product Overhung Load Capacity	4970 N
Lubrication Specifications		Reducer Options	
Selected Lubrication	Standard Lubrication	Ductile Iron Housing	Not Available (6060-6125)
Lubrication Method	Maintenance Free Grease	High Capacity Bearing	Not Available (6060-6125)
Lubrication Option	Standard Grease	Shoulder Bolts / Dowel Pins	Option Not Selected
		Seal Options	Nitrile Seal
		Double Output Oil Seals	Not Available (6060-6125)
		Paint Specification	Acrylic Polymer
Environmental Specifications			
Installation Location	Indoor		
Ambient Temperature	-10° - 50°C		
Ambient Humidity	Under 90%		
Environment	Standard		
Elevation Above Sea Level	Under 3300 ft/1000 m		

Configuration Messages

Output Shaft Overhung Load (OHL) Capacity

The Output Shaft OHL Capacity needs to be checked if Output Shaft is not direct coupled to the application. Using the Product Overhung Load Capacity value from the Selection, please check it against the actual OHL using the method described in the Catalog. If Cyclo unit will see significant vibration from the application and the Cyclo output shaft will not be direct coupled to the application, please consult the Factory for additional guidelines on Service Factor adjustment.

All configuration data contained within this technical specification sheet have been checked very carefully for accuracy. However, we can assume no liability for incorrect or incomplete information. We reserve the right to make technical changes.

For more specific product and/or application data or to request a catalogue please contact our Sales network.

Thank you for your interest in Sumitomo products.