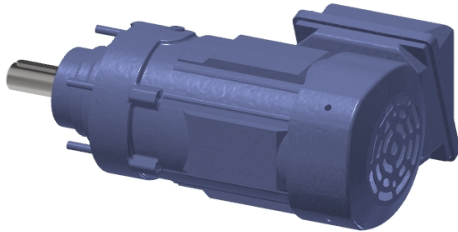


Product Configuration Technical Specification Sheet

Cyclo® 6000



Unmatched Reliability, Exceptional Performance

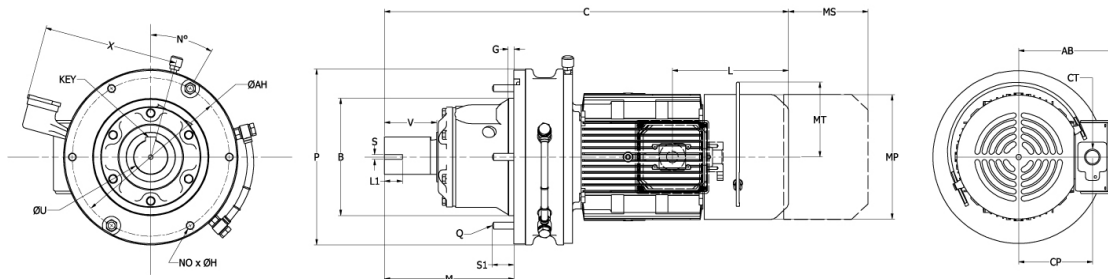
Cyclo® Drive 6000 reducers and gearmotors are designed to withstand extreme momentary intermittent shock overloads in emergency situations.

Basic Cyclo Product Information	
Model	CNFM03-6070E-8/GV63M/4
Cyclo® Frame Size	6070
Housing Style	(F) Flange Mount
Output Shaft Orientation	(H) Horizontal
Input Configuration	(M) Integral Motor
Shaft Specification	(E) Standard European Metric Size

Configuration Rating Information	
Actual Ratio	8
Input / Output RPM	1450 / 181

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: 8 kg

F-Casing	B	B TOL.	C	G	H	NO.	M	N	P	P1	Q	S1	AH	X	Y
	80	-0.01 / -0.029	284	4	7	6	84	60	110	-	M6	24	98	-	-
Output Shaft	U	U TOL.	V	S	L1	KEY									
	20	+0.015 / +0.002	40	M6	15	6 x 5 x 32									
Integral Motor	AB	L	MP	MS	MT										
	118	59	124	-	-										

Product Configuration Technical Specification Sheet

Input Configuration	
Input Stage Frame Size	607 Flange
Gearmotor	
Motor Series	CE Motor Europe
Motor Frame Size / Motor Type	V-63M / TEFC
HP x Pole Rating	(03) 1/3HP [0.25kW] 4P
Motor Voltage Rating	230/400V, 50Hz, 3Phase
Conduit Box / Port Orientation	N33 / N3A
Add Brake	No
Space Heater	Not Selected
Thermostat	Not Selected
Thermistor	Not Selected

Lubrication Specifications	
Selected Lubrication	Standard Lubrication
Lubrication Method	Maintenance Free Grease
Lubrication Option	Standard Grease

Environmental Specifications	
Installation Location	Indoor
Ambient Temperature	-10° - 40°C
Ambient Humidity	Under 90%
Environment	Standard
Elevation Above Sea Level	Under 3300 ft/1000 m

Product Ratings	
Application or Motor Input Power	0.25 kW
Service Factor	1.39
Calculated Output Torque	12.5 N-m
Rated Input RPM	1450
Rated Output RPM	181
Product Rated Input Power	0.347 kW
Product Rated Output Torque	17.3 N-m
Product Overhung Load Capacity	1410 N

Reducer Options	
Ductile Iron Housing	Not Available (6060-6125)
High Capacity Bearing	Not Available (6060-6125)
Shoulder Bolts / Dowel Pins	Option Not Selected
Seal Options	Nitrile Seal
Double Output Oil Seals	Not Available (6060-6125)
Paint Specification	Acrylic Polymer

Configuration Messages	
<u>Output Shaft Overhung Load (OHL) Capacity</u>	
<p>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.</p>	

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.