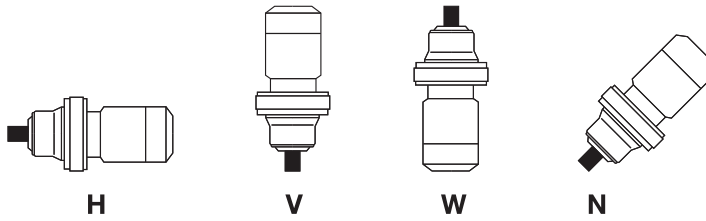


Configure a Model Number

Nomenclature

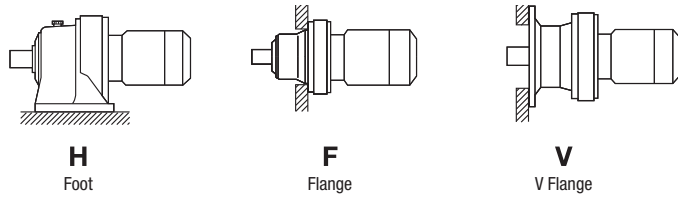
Output Shaft Orientation

| Type | Prefix |
|---------------------|--------|
| Horizontal | H |
| Vertical | V |
| Vertical Up | W |
| Universal Direction | N |



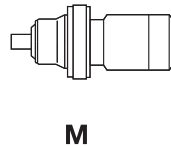
Housing Style

| Type | Prefix |
|----------|--------|
| Foot | H |
| Flange | F |
| V-Flange | V |



Input Connection

| Input Connection | Prefix |
|---------------------------|--------|
| None - Integral Gearmotor | M |
| C-Face Adaptor | JM |
| Hollow Input Shaft | XM |



Modification (Special)

| | Prefix |
|----------|--------|
| Special | S |
| Standard | - |

Motor Capacity Symbol

| | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|------|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|-----|----|----|----|----|----|----|----|----|----|-----|
| 4P | HP | 1/8 | 1/4 | 1/3 | 1/2 | 3/4 | 1 | 1.5 | 2 | 3 | 4 | 5 | 7.5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 75 | 100 |
| | Symb | 01 | 02 | 03 | 05 | 08 | 1 | 1H | 2 | 3 | 4 | 5 | 8 | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 75 | 100 |
| 6P | HP | 20 | 25 | 30 | 40 | 50 | 60 | 75 | 100 | 125 | 150 | 175 | | | | | | | | | | | |
| | Symb | 206 | 256 | 306 | 406 | 506 | 606 | 756 | 1006 | 1256 | 1506 | 1756 | | | | | | | | | | | |

Frame Size (from Selection Tables)

Shaft Specifications

| Input Shaft | Suffix |
|-------------|--------|
| Metric JIS | - |
| Inch | Y |
| AGMA I | YA |
| AGMA II | YB |
| AGMA III | YC |
| Metric DIN | G |

| | |
|---|------------|
| B | With Brake |
| | No Brake |

C H H - **10** - **6 1 6 5** - **YB** - **29**

C = Ratios 6:1 and greater (Cyclo Gearmotor product code)
 P = Ratios 3:1 and 5:1 (Cyclo 6000 planetary product code)
 H = Output shaft orientation
 H = Mounting style
 10 = Modification (Special feature)
 6 1 6 5 = Frame size
 YB = Shaft specification
 29 = Ratio
 Gearmotor specification

Nomenclature

Example

CHHM10 – 6165YB – 29

C – Cyclo 6000 **6165** – Frame Size
H – Horizontal O/P **YB** – Inch Shaft, AGMA Class II
H – Foot Mount **29** – Ratio
M – Gearmotor

Nomenclature

Gearmotor Specification


| Type | Suffix |
|--------------------------------------|-------------------------------------|
| Torque Limiter | TL |
| High Capacity Bearing | R1 |
| High Capacity Bearing Ductile Casing | R2 |
| HH Type | Ceiling Left Wall Right Wall |
| | H1 H2 H3 |
| Low Backlash | LB |
| AF Motor | AV |
| Single Phase Motor | SG |
| Servo Motor | SV |
| DC Motor | DV |

Ratio

Nominal Total Ratio

CYCLO® 6000 Gearmotors

60 Hz Frame Size Selection Tables



1/8 HP
60 Hz, 1750 RPM

| Output Speed RPM | Output Torque In-lbs | Service Factor SF | AGMA Class | Overhung Load lbs | SELECTION | | | | Option Inverter Duty |
|---------------------|-------------------------|----------------------|------------|----------------------|-----------|------------|-------------|------------------|-------------------------|
| | | | | | HP Symbol | Frame Size | Shaft Spec. | AGMA Class Ratio | |
| 10.5 | 212 | - | - | 265 | 01 | 6060DA | Y | 165 | AV |
| | 265 | - | - | 265 | 01 | 6065DA | Y | 165 | AV |
| | 398 | - | - | 397 | 01 | 6070DA | Y | 165 | AV |
| | 531 | - | - | 397 | 01 | 6075DA | Y | 165 | AV |
| | 717 | 1.85 | III | 750 | 01 | 6090DA | Y C | 165 | AV |
| | 717 | 2.47 | III | 750 | 01 | 6095DA | Y C | 165 | AV |
| 8.97 | 212 | - | - | 265 | 01 | 6060DA | Y | 195 | AV |
| | 265 | - | - | 265 | 01 | 6065DA | Y | 195 | AV |
| | 398 | - | - | 397 | 01 | 6070DA | Y | 195 | AV |
| | 531 | - | - | 397 | 01 | 6075DA | Y | 195 | AV |
| | 848 | 1.57 | II | 750 | 01 | 6090DA | Y B | 195 | AV |
| | 848 | 2.09 | III | 750 | 01 | 6095DA | Y C | 195 | AV |
| 7.58 | 848 | 2.61 | III | 1210 | 01 | 6100DA | Y C | 195 | AV |
| | 212 | - | - | 265 | 01 | 6060DA | Y | 231 | AV |
| | 265 | - | - | 265 | 01 | 6065DA | Y | 231 | AV |
| | 398 | - | - | 397 | 01 | 6070DA | Y | 231 | AV |
| | 531 | - | - | 397 | 01 | 6075DA | Y | 231 | AV |

Selection Tables