

VARITRON[®] Drive Technologies

PRODUCT PROFILE

Varitron Engineering (Taiwan) Co., Ltd
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Product Line

CYCLOIDAL REDUCERS

Power:0.2kW~132kW Ratio:1/6~1/10000

- High Efficiency
- Durable with Superior Long service life
- Wide Range of Ratio
- Same dimension as Sumitomo

Cyclo Drive unique cycloid design has advantages superior to speed reducers has two-thirds of its reduction components in contact at all times. Designed to withstand shock loads exceeding ratings of 500%, provide reliability and long life in most severe applications.



HM Horizontal Motor Type



HX
Horizontal with Adaptor



H
Horizontal with Input Shaft



VM
Flange with Motor



VX
Custom Design



V
Flange with Input Shaft

Helical Gear Box

Power:0.2kW~250kW Ratio:1/3~1/500



Tunnel Boring
Machines Gearbox

- Long Service Life
- Design According to Customers' Requirement
- Special Design Tooth Increase Strength and Performance



Helical Gearbox



Cooling Tower Gearbox

Helical Gear Motor

Power:0.075kW~3.7kW Ratio:1/3~1/1800

- Compact Design
- Maintenance Free
- Low Noise
- Harden-Teeth with Grind
- Highest precision gear ensures minimum rotation vibration



GH
Horizontal With Motor



GV
Flange Type With Motor



GHD
Horizontal with Adaptor

Speed Variator Drive

Power:0.2kW~11kW



AM
Horizontal With Motor

- Coaxial Structure
- High Strength and Performance
- High Stability and Precision
- Compact, Light Weight with Modular Design

Speed Variator is a high efficiency, compact and long service life speed changer device. Speed changes by the compression of the driving wheel device and mount sassafra transmission. Varitron Speed Variator has unique stability and high performance.



VAM
Flange Type With Motor



HAM
Horizontal With Cyclo



AK
Horizontal With Input Shaft

Cycloidal Precision Servo Gearhead

Power:100W~7000W Ratio:1/10~1/150

Arcmin: B0 Series ≤ 3, B1 Series ≤ 5, B2 Series ≤ 8

- Low Backlash
- Compact Short Size
- High Shock Load Capacity
- Long Lifetime No Tooth Breakage

Precise Cyclo is a gear differential gearing device that uses the eccentric rod to drive revolution of the planetary circular gears to engage the ring circular gears to achieve the speed reduction.



FC
Cycloidal Servo Gearhead

Planetary Precision Servo Gearhead

Power:100W~11kW Ratio:1/3~1/100

Arcmin: DA Series ≤ 3, DS Series ≤ 5, DH Series ≤ 10

- Low Backlash
- High Precision
- High Torque

Planetary Precision Servo gearhead is widely used in servo motor power transmission. Its wide range of speed ratio and low backlash enables to use in motion control in robot arms and power transmission products.



DH Planetary
Servo Gearhead



DH-R Planetary
Right Angle Servo Gearhead




















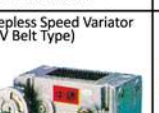




























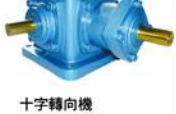






































Taiwan Varitron Engineering establish in 1971. In the past 40 years we base only the spirit of Made in Taiwan, High Quality Assure to service our customers over the world. Every year we invest large amount in Research and Development to provide of customers new and great variety of products.

Taiwan Varitron Engineering holds a patent bank to provide our customers with special needs and custom design products. Varitron Engineering is the best choice for your power transmission product.

If you're interested in joining us in partnership, distributorship, or becoming an agent of our wide range of products, please contact us for further information.

Products :

Servo Gearhead, Cycloidal Reducers, Helical Gear Reducers, Planetary Gear Reducers, Worm Gear Reducers, Gearbox, TBM Gearbox, Speed Variator, Belt Variator, Agitator, 7200rpm Emulsifying Mixer

<p>Cycloidal Reducers HM</p>  <p>寶克樂減速機 HM型</p>	<p>Cycloidal Reducers HX</p>  <p>寶克樂減速機 直接型</p>	<p>Cycloidal Reducers H</p>  <p>寶克樂減速機 臥式雙軸型</p>	<p>Cycloidal Reducers VM</p>  <p>寶克樂減速機 立式</p>	<p>Cycloidal Reducers V</p>  <p>寶克樂減速機 立式雙軸型</p>	<p>Custom Cycloidal Reducers</p>  <p>訂製寶克樂減速機</p>	<p>Cycloidal Variator</p>  <p>百比寶變速機</p>	<p>Speed variator AHM Type</p>  <p>AHM型無段變速機</p>
<p>Speed Variator</p>  <p>AM型無段變速機 200-1200rpm</p>	<p>Speed Variator with Gear Reducer</p>  <p>ACHM型 無段變速機 附齒輪減速機</p>	<p>Speed Variator with Worm Reducer</p>  <p>無段變速機 附蝸輪減速機ABM型</p>	<p>Five Step Speed Variator</p>  <p>LM型五段變速機</p>	<p>High Precision Gear Reducers</p>  <p>高精度減速機</p>	<p>Stepless Speed Variator (PIV Type)</p>  <p>PIV型鏈條無段變速機</p>	<p>Stepless Speed Variator (LWH Worm Belt Type)</p>  <p>LWH型皮帶蝸輪無段變速機</p>	<p>Stepless Speed Variator (GRV-H Gear Belt Type)</p>  <p>GRV-H型皮帶變速機 附齒輪減速機</p>
<p>Stepless Speed Variator (GRV-V Gear Belt Type)</p>  <p>GRV-V型皮帶變速機 附齒輪減速機</p>	<p>Stepless Speed Variator (WRV-H Worm Belt Type)</p>  <p>WRV-H型皮帶變速機 附蝸輪減速機</p>	<p>Stepless Speed Variator (WRV-V Worm Belt Type)</p>  <p>WRV-V型皮帶變速機 附蝸輪減速機</p>	<p>Stepless Speed Variator (HV Belt Type)</p>  <p>HV型皮帶無段變速機</p>	<p>Stepless Belt Variator</p>  <p>LW型皮帶式無段變速機</p>	<p>Precised Planetary Servo Reducer</p>  <p>精密型伺服減速機</p>	<p>Precised Planetary Servo Reducer</p>  <p>精密型伺服減速機</p>	<p>NMRV Worm Reducer</p>  <p>萬向蝸輪減速機</p>
<p>NRV Worm</p>  <p>NRV蝸輪減速機</p>	<p>NMRV - PC Worm</p>  <p>NMRV-PC 蝸輪減速機</p>	<p>NMRV Two Stage Worm</p>  <p>NMRV 高速比兩段式蝸輪減速機</p>	<p>Stepless Variator with Worm Reducer</p>  <p>無段變速機附萬向蝸輪</p>	<p>Gear Motor</p>  <p>CH型臥式減速馬達</p>	<p>Gear Motor With IEC Flange</p>  <p>GHM型臥式減速馬達</p>	<p>Gear Motor Double Shaft</p>  <p>GHD型臥式雙軸減速馬達</p>	<p>Flange Mounting Gear Motor</p>  <p>GV型立式減速馬達</p>
<p>Gear Motor With IEC Flange</p>  <p>GVM型立式減速馬達</p>	<p>Gear Motor Double Shaft</p>  <p>GVD型立式雙軸減速馬達</p>	<p>Foot Mounting Gear Reducer</p>  <p>臥式齒輪減速機</p>	<p>Horizontal Double Shaft Gear Reducer</p>  <p>HD型臥式雙軸齒輪減速機</p>	<p>Horizontal Gear Reducer</p>  <p>HB型臥式齒輪減速機</p>	<p>Vertical Gear Reducer</p>  <p>V型立式齒輪減速機</p>	<p>Vertical Double Shaft Gear Reducer</p>  <p>VD型立式雙軸齒輪減速機</p>	<p>Vertical Gear Reducer</p>  <p>VB型立式齒輪減速機</p>
<p>Spiral Bevel Gear Box</p>  <p>十字轉向機</p>	<p>Buffer Starter</p>  <p>緩衝起動機</p>	<p>Worm Gear Reducer</p>  <p>單段蝸輪減速機 HW 40#~175#</p>	<p>Worm Gear Reducer</p>  <p>單段蝸輪減速機 HW 50#~400#</p>	<p>Worm Gear Reducer</p>  <p>單段蝸輪減速機 VW 40#~400#</p>	<p>Worm Gear Reducer</p>  <p>單段蝸輪減速機 UW 40#~400#</p>	<p>Worm Gear Reducer</p>  <p>單段蝸輪減速機 HMW 50#~175#</p>	<p>Worm Gear Reducer</p>  <p>單段蝸輪減速機 VMW 50#~175#</p>
<p>Worm Gear Reducer</p>  <p>單段蝸輪減速機 LMW 50#~175#</p>	<p>Worm Gear Reducer</p>  <p>單段蝸輪減速機 HWM 50#~175#</p>	<p>Worm Gear Reducer</p>  <p>單段蝸輪減速機 LW 50#~175#</p>	<p>Worm Gear Reducer</p>  <p>單段蝸輪減速機 HOM 50#~175#</p>	<p>Worm Gear Reducer</p>  <p>單段蝸輪減速機 VOW 50#~175#</p>	<p>Worm Gear Reducer</p>  <p>單段蝸輪減速機 VOM 50#~175#</p>	<p>Worm Gear Reducer</p>  <p>雙段蝸輪減速機 LH 60#~175#</p>	<p>Worm Gear Reducer</p>  <p>雙段蝸輪減速機 LHM 60#~175#</p>
<p>Worm Gear Reducer</p>  <p>雙段蝸輪減速機 LOH 60#~175#</p>	<p>Worm Gear Reducer</p>  <p>雙段蝸輪減速機 LOHM 60#~175#</p>	<p>Worm Gear Reducer</p>  <p>雙段蝸輪減速機 VH 60#~175#</p>	<p>Worm Gear Reducer</p>  <p>雙段蝸輪減速機 VHM 60#~175#</p>	<p>Worm Gear Reducer</p>  <p>雙段蝸輪減速機 VOH 60#~175#</p>	<p>Worm Gear Reducer</p>  <p>雙段蝸輪減速機 VOHM 50#~100#</p>	<p>Worm Gear Reducer</p>  <p>雙段蝸輪減速機 LH 60#~175#</p>	<p>Worm Gear Reducer</p>  <p>雙段蝸輪減速機 LHM 80#~175#</p>
<p>Worm Gear Reducer</p>  <p>蝸輪減速機T系列 TW 50#~135#</p>	<p>Worm Gear Reducer</p>  <p>蝸輪減速機T系列 TMW 50#~135#</p>	<p>Worm Gear Reducer</p>  <p>蝸輪減速機T系列 TOM 50#~135#</p>	<p>Worm Gear Reducer</p>  <p>蝸輪減速機T系列 TOM 50#~135#</p>	<p>Worm Gear Reducer</p>  <p>蝸輪減速機LD系列 LD 70#~100#</p>	<p>Worm Gear Reducer</p>  <p>蝸輪減速機LD系列 LDM 70#~100#</p>	<p>Worm Gear Reducer</p>  <p>齒輪減速機 LGM 80#~135#</p>	<p>Gear Reducer HE Series</p>  <p>軸上型減速機 HE系列</p>
<p>Spiral Screw Actuator</p>  <p>螺桿升降機 SR 2T-50T</p>	<p>Hollow Shaft Helical Gear</p>  <p>中空軸螺旋齒輪減速機</p>	<p>CVV Agitator</p>  <p>CVV 型攪拌機</p>	<p>Submerged Agitator</p>  <p>專利水中攪拌機</p>	<p>High Speed Mixer</p>  <p>高速攪拌機</p>	<p>Homomixer 0-18000rpm</p>  <p>桌上型乳化機 0~18000rpm</p>	<p>Homomixer 0-7200rpm</p>  <p>高速固定型乳化機 0~7200rpm</p>	<p>Agitator 300rpm</p>  <p>可攜式攪拌機 300rpm</p>
<p>Mixer, Agitator, Reactor Used Cycloidal Reducer</p>  <p>攪拌機、混合機 反應槽用 寶克樂減速機</p>	<p>L Model Agitator Reducer</p>  <p>L型攪拌專用減速機</p>	<p>齒輪箱 GearBox</p>  <p>齒輪箱</p>	<p>吊門機/開門機 Water Gate</p>  <p>東元/大同馬達</p>	<p>Water Gate</p>  <p>吊門機/開門機</p>	<p>Tow-Conveyor System</p>  <p>流水線輸送機系統</p>	<p>Wind / Water Generator Gearbox</p>  <p>風力/水力發電用增速機</p>	