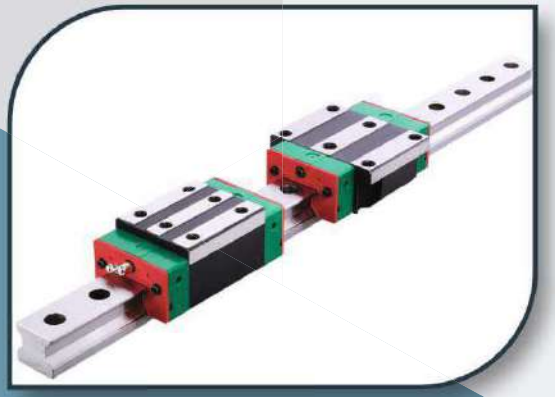
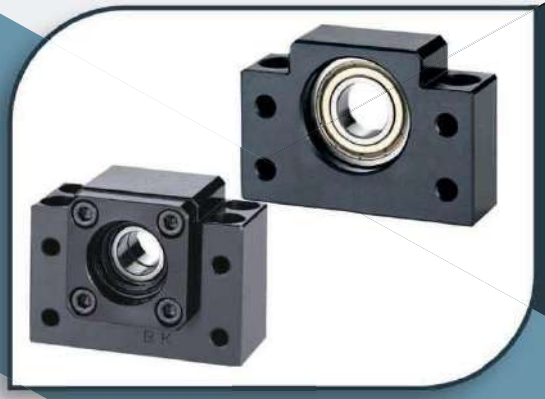
LINEAR MOTION &
POWER TRANSMISSION PRODUCTS





HIWIN®

MIKI PULLEY

LIMING

K.H
KAI HE MACHINERY CO.,LTD

Instar Electrical

HIWIN®

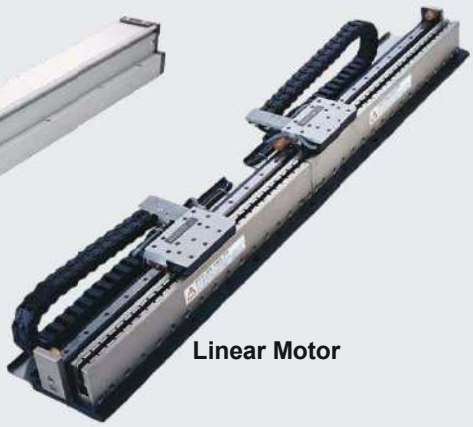
World Leader in Linear Motion & Control Technology

Ballscrew

Linear Guideway

KK Single Axis Robot

KC Single Axis Robot



Linear Motor

Positioning Guideway

D D Motor

Rotary Table

HIWIN®

World Leader in Linear Motion & Control Technology

DATORKER® Strain Wave Gear

DSH-PH

DSH-AH

DSC-CO

DSC-PO

Cross Roller Bearing

Bearings

AC Servo Motor

Servo Drive

Leaders In Servo Planetary Gear Boxes

Made In Taiwan

Servo Speed Reducers

Bevel Gear Box

Worm Gear Box

Hollow Rotary Reducer

Precision Gear Units & Gear Motors

Robonic Drive Reducer

Cyko Drive Reducer

Compact Gear Motor

LIMING

K.H

KAI HE MACHINERY CO.,LTD

Made In Taiwan

Leaders In Precision Racks & Pinions

Rack & Pinion

Roller Guide Rail Rack

MIKI PULLEY

World Leader in Flexible Couplings And Spring Actuated Brakes

Servoflex

Starflex

BXL-N

No Backlash & High Torque Clamping Elements

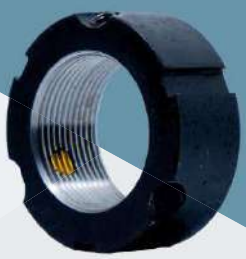
DRUPE

Ball Screw End Support

Precision Locknuts

KMK

KMR



KSF

Ball Screw Support Unit
FK & FF Type

Ball Screw Support Unit
BK Type

Ball Screw Support Unit
BF Type

Manual Clamping Units

HZ SERIES

Standard Linear Motion Slides

LMC X-Y

LMC Slide

KK Slide

LFR - External

LFR - Internal

LMX

EED TRANSMISSION

Worm Gear Reducers

E-RV

E-V

E-VF

Instar Electrical

Servo / Stepper Motors

Stepping Motors

Stepping Drives

Closed Loop Stepping Motors

AC Servo Motors

FLEXIBLE DRIVE COUPLING

MODEL: Hydax 19, 28, 38, 48, 55, 65

- Available in Six sizes to suit 1HP to 75HP.
- Flexible Drive Coupling consists of two gear hubs engaging in a sleeve of high grade plastic material.
- This material has superior strength and a wide operating temperature range.
- Couplings are easy to assemble and require no maintenance or lubrication and do not emit transmission noise.
- Gears in the crowned-tooth form permit axial and angular Misalignment.
- Available in non-corrosive options of Stainless Steel and Nylon materials also.

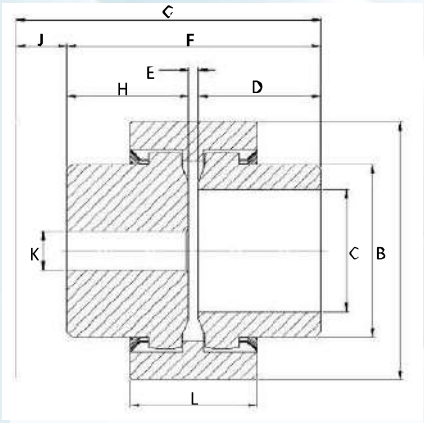
Custom Bore & Keyway as per requirements

ASSEMBLY PROCEDURE:

Maximum permissible angular misalignment is 1.5 degrees. Ensure that the coupling hubs easily fit on the shaft. Do not use undue force. Maintain gap between hubs as shown in sketch. Use grub screws to locate gear hubs on their respective shafts.

For shock load applications use the following formula:

$$\text{Rating /100 RPM of coupling} = \frac{\text{HP of application} \times 100 \times F}{\text{RPM of application}}$$



Application	Load Factor	Load Factor (F)
	El Motor	IC Engines
Uniform Load	1	1.2
Medium Shock	1.25	1.5
Heavy Shock	1.75	2.0

Coupling size	ØA	ØB	Max. ØC	D	E	F	G	H	J	Min. ØK	L	Pilot Bore	No of teeth
HYDAX-19	48	30	19	25	4	54	70	25	16	7	37	7	24
HYDAX-28	66	44	28	38	4	80	100	38	20	12	46	12	34
HYDAX-38	83	56	38	38	4	80	104	38	24	12	46	12	44
HYDAX-48	100	68	48	48	4	100	122	48	22	15	50	15	50
HYDAX-55	124	82	55	60	4	124	148	60	24	15	64	15	48
HYDAX-65	140	96	65	70	4	144	176	70	32	15	72	15	54

Internal Gear Pump

Product featureas

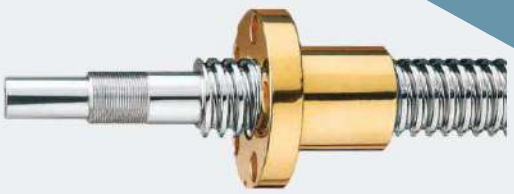
1. Max. speed 300r/Min
2. Max. pressure 35MPa
3. Low flow pressure pulse
4. Stable flow pressure output
5. Tandem pump design
6. High volumetric efficiency
7. Extreme low noise level
8. Long service life

WHG Series Internal Gear Pump
Singel Pump Series: WHG0/WHG1/WHG2
Double Pump Series:
WHG00/WHG10/WHG11/WHG21/WHG22
Dspl. Range: 8 ~ 160 mL/r
Max. Pressure: 31.5 MPa
Max. Speed: 3000 r/min

Electric Tapping Machine

(Touch Screen)

Model	DS 16	DS 30
Tapping Range	M3 - M16	M6 - M30
Power	220 V / 600 W	220 V / 1200 W
Speed	187 rpm	120 rpm
Weight	23 Kg	43 Kg



Lead Screw

Ball Screw
Nut Housing

Track Roller
Slide Components

Shaft Supports

Precision Shafts

Wide Range of Linear Bearings

Close Housing Units

Open Housing Units

Shaft End Supports