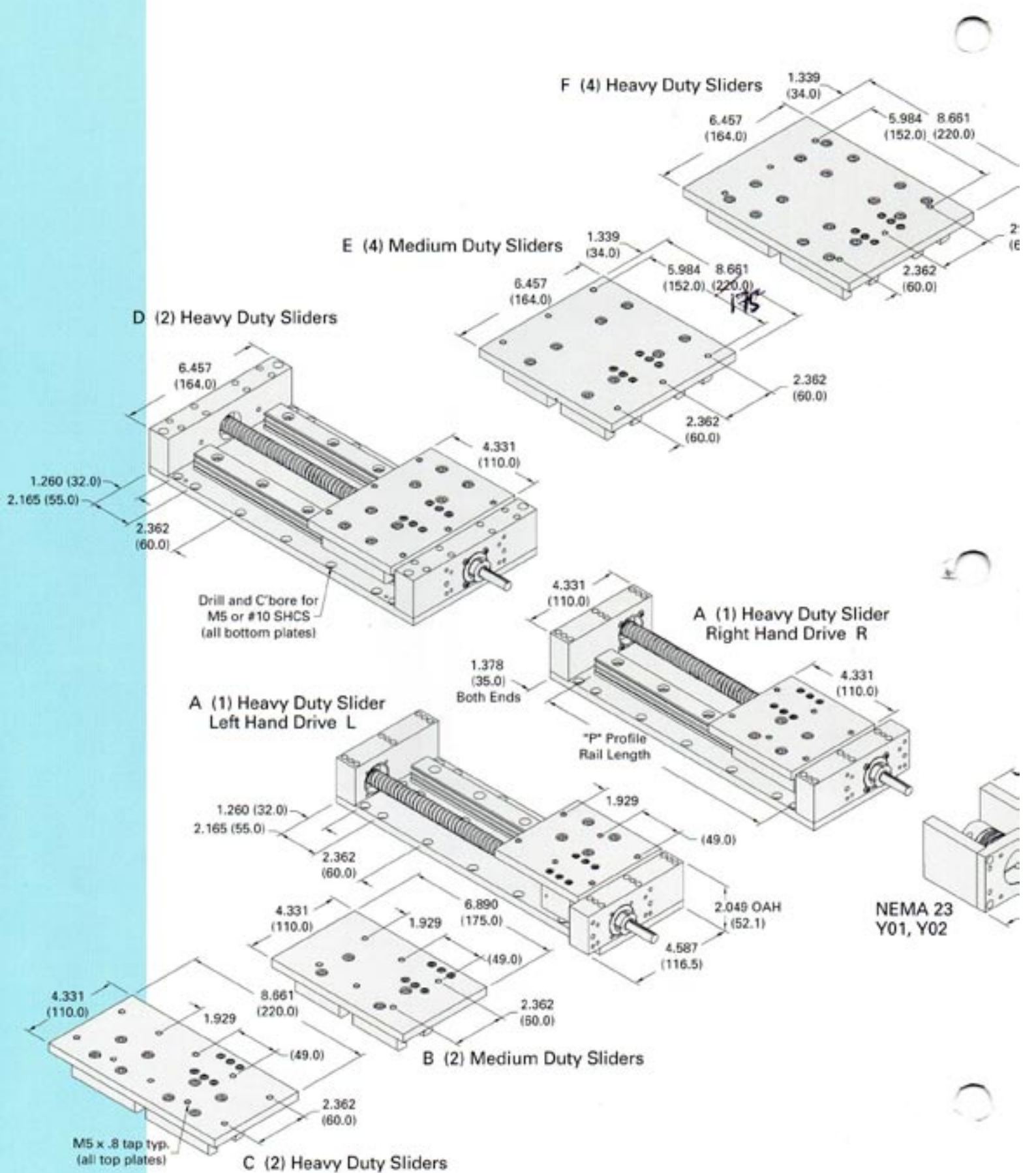


- *Easy to Install and Use*
- *Numerous Drive Options and Accessories*
- *Flexible, Powerful, Complete Linear Solution*

**Easy Linear**

 **IDA Motion**  
PART OF THE IDA FAMILY

# EasyLinear Stages



# Part Numbers

## Drive mounting position (viewing drive end)

R = Drive to right of linear rail  
L = Drive to left of linear rail  
Blank for 2 rail systems

## Ball Screw Support

1 = Journal block at one end  
2 = Journal block at both ends

## Linear Profile Rail Length "P"

Standard lengths 160 – 1600mm in 60mm increments for clear span rails – and up to 3580mm long with one rail break and clear span bottom plate  
\*Stroke = Linear rail length – carriage length

# 23AR2ALM25-0160-AR0

## Linear Rail & Slider Size Designation

### Linear Rail & Slider Combinations

A = (1) Profiled rail & (1) heavy duty slider  
B = (1) Profiled rail & (2) medium duty sliders  
C = (1) Profiled rail & (2) heavy duty sliders  
D = (2) Profiled rails & (2) heavy duty sliders  
E = (2) Profiled rails & (4) medium duty sliders  
F = (2) Profiled rails & (4) heavy duty sliders

Leave blank for no drive

### Motor Mounting Kit (includes Risers, Motor Plate, and Coupling)

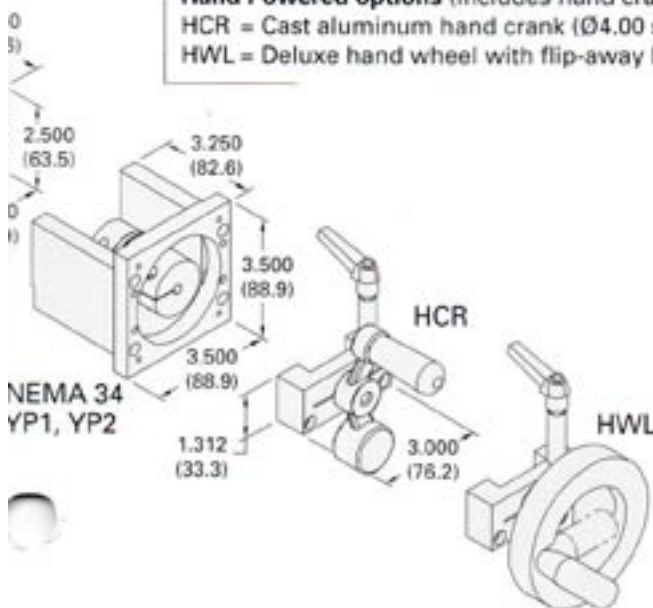
23A = for NEMA 23 motor (ref. .250" dia motor shaft)  
23B = for NEMA 23 motor (ref. .312" dia motor shaft)  
23C = for NEMA 23 motor (ref. .375" dia motor shaft)  
34C = for NEMA 34 motor (ref. .375" dia motor shaft)  
34D = for NEMA 34 motor (ref. .500" dia motor shaft)  
Y01 = for SGM-A3, -A5, or -01 motors (ref. 8mm dia motor shaft)  
Y02 = for SGM-02, -03, or -04 motors (ref. 14mm dia motor shaft)  
YP1 = for SGMP-01 motor (ref. 8mm dia motor shaft)  
YP2 = for SGMP-02, -03, or -04 motors (ref. 14mm dia motor shaft)  
Many other standard drive configurations available (ie. Indramat, Fanuc, Pacific Scientific, Allen Bradley, Yaskawa, etc.)

### Hand Powered options (includes hand crank and ball screw lock)

HCR = Cast aluminum hand crank (Ø4.00 swing)  
HWL = Deluxe hand wheel with flip-away handle (Ø4.00 swing)

### Rolled Ball Screw Variations

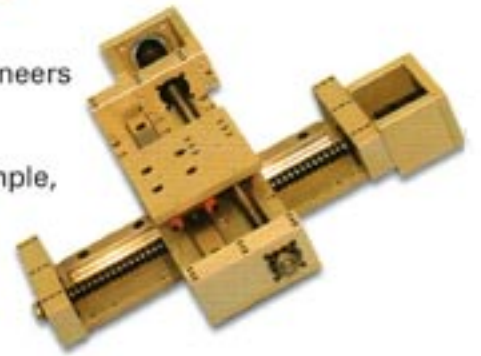
-Standard lead accuracy (.004-.007"/ft)  
AR0 = .631 Nominal Dia x .200 RH lead  
AL0 = .631 Nominal Dia x .200 LH lead  
CR0 = .631 Nominal Dia x .500 RH lead  
-Select lead accuracy (.002-.003"/ft)  
AR1 = .631 Nominal Dia x .200 RH lead  
AL1 = .631 Nominal Dia x .200 LH lead  
\*Other screw variations available:  
• precision rolled (.001"/ft)  
• precision ground (.0003-.0005"/ft)  
• metric diameters and leads  
• modified acme profile lead screws with leads from .062 – 3.000" /rev



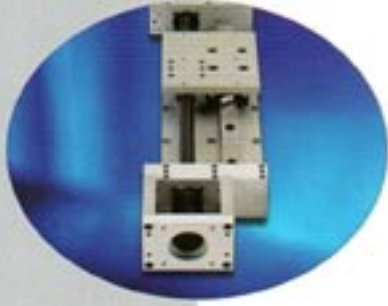
## EasyLinear Stages



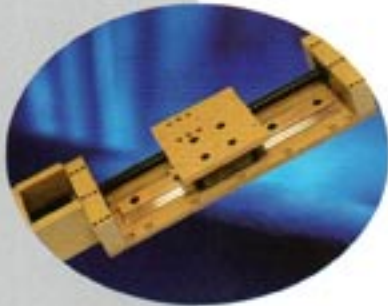
EasyLinear Stages are easy for engineers to specify, configure, and install. They're based on the concept of providing busy engineers with a simple, and straightforward linear motion solution.



Profile rails are interchangeable so distributors and users can specify their preferred brand. Single and double track designs offer flexibility and increased load carrying capacity. Numerous drive options are available including multiple ballscrew leads, acme, hi-helix multi-start, lead screws with acetyl and polymatrix nuts. Accessories include motor mounts for C-Face NEMA, Oriental and European metric motors. Hand cranks with locks and limit switches are also available.



EasyLinear is easy to install. Leidemaull has performed the engineering and perfected the alignment process so these complete units can easily drop into place. By adding your motor of choice, you can operate this system immediately.

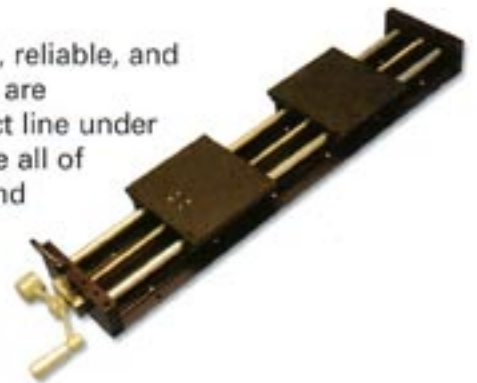


EasyLinear Stages deliver flexible, powerful, complete linear solutions.

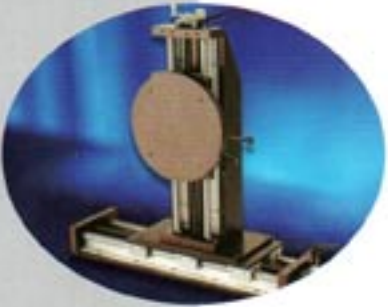
## EasyLinear Slides



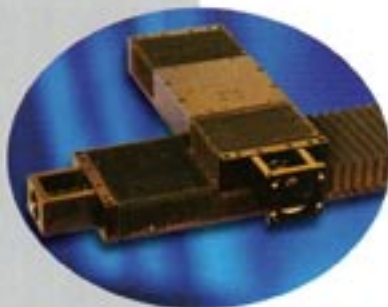
Leidemaull has been building tough, reliable, and powerful linear slides for years. We are re-introducing this complete product line under the EasyLinear brand name because all of our linear slides, sub-assemblies, and accessories are easy to specify, order, install and operate.



Our complete slide catalog makes specifying and ordering easy. Thorough engineering data is supplied to assist with the specification process. Installation is easy because we've removed the guesswork and hassle. We fixture align every slide to ensure a simple, straightforward installation.



We make it easy for you. EasyLinear.



[www.idamotion.co.uk](http://www.idamotion.co.uk)



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