

## Slide Rails

### Specification

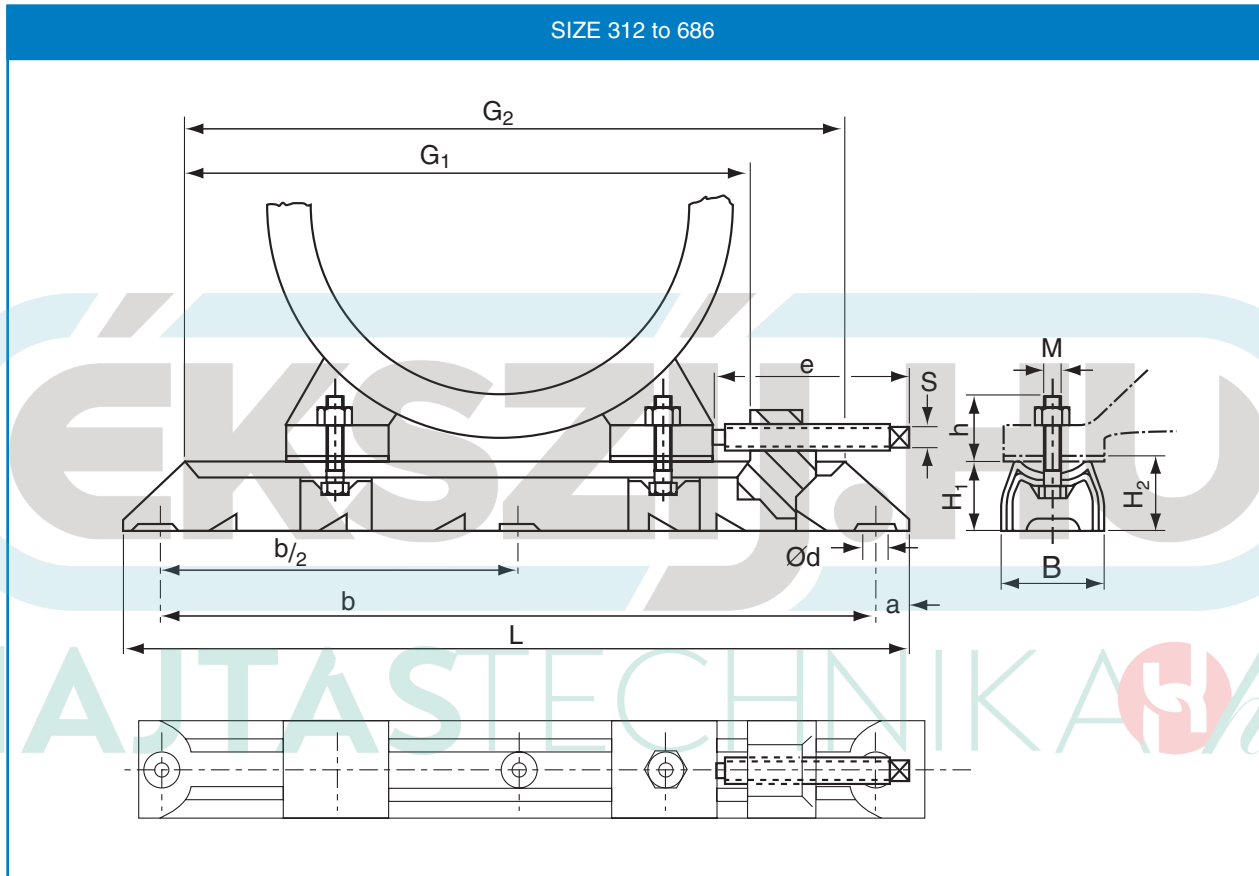
Covering frame sizes 63 to 225, Challenge slide rails are manufactured in galvanised steel with movable positioning blocks for rapid accurate drive alignment.

### Alignment

The pressed steel rails are solidly fixed by three securing bolts while the motor is bolted to the rails eradicating vibration and noise whilst ensuring rigid positioning.

### Motor Mounting

The motor is bolted to the slide rails and positioned with the aid of adjustment screws. The motor must be stopped and the motor bolts loosened before repositioning.



### Dimensions for Sizes 312 to 686 Slide Rails

| Base Ref | Overall Length L | Slide Length G <sub>1</sub> | Motor Frame Ref | M x h    | I x S    | G <sub>2</sub> | a  | b   | b/2 | Ø d | B  | H <sub>1</sub> | H <sub>2</sub> | Weight kg |
|----------|------------------|-----------------------------|-----------------|----------|----------|----------------|----|-----|-----|-----|----|----------------|----------------|-----------|
| 312/6    | 312              | 240                         | 63/71           | M6 x 19  | 75 x 6   | 262            | 16 | 280 | -   | 12  | 40 | 28             | 30             | 1.4       |
| 312/8    | 312              | 240                         | 80/90           | M8 x 27  | 75 x 6   | 262            | 16 | 280 | -   | 12  | 40 | 28             | 30             | 1.5       |
| 375/6    | 375              | 305                         | 63/71           | M6 x 19  | 75 x 6   | 325            | 16 | 343 | -   | 12  | 40 | 26             | 30             | 1.5       |
| 375/8    | 375              | 305                         | 80/90           | M8 x 27  | 75 x 6   | 325            | 16 | 343 | -   | 12  | 40 | 28             | 30             | 1.6       |
| 375/10   | 375              | 305                         | 100/112         | M10 x 32 | 75 x 6   | 325            | 16 | 343 | -   | 12  | 40 | 28             | 30             | 1.6       |
| 395/8    | 395              | 302                         | 80/90           | M8 x 28  | 97 x 8   | 325            | 20 | 355 | -   | 12  | 50 | 40             | 43             | 3.4       |
| 395/10   | 395              | 302                         | 100/112         | M10 x 35 | 97 x 8   | 325            | 20 | 355 | -   | 12  | 50 | 40             | 43             | 3.4       |
| 495/8    | 495              | 405                         | 80/90           | M8 x 29  | 97 x 8   | 425            | 20 | 455 | -   | 12  | 50 | 40             | 43             | 4.0       |
| 495/10   | 495              | 405                         | 100/112/132     | M10 x 35 | 97 x 8   | 425            | 20 | 455 | -   | 12  | 50 | 40             | 43             | 4.0       |
| 495/12   | 495              | 405                         | 160             | M12 x 49 | 97 x 8   | 425            | 20 | 455 | -   | 12  | 50 | 40             | 43             | 4.0       |
| 530/10   | 530              | 413                         | 132             | M10 x 37 | 119 x 9  | 442            | 25 | 480 | -   | 14  | 60 | 50             | 54             | 6.4       |
| 530/12   | 530              | 413                         | 160             | M12 x 49 | 119 x 9  | 442            | 25 | 480 | -   | 14  | 60 | 50             | 54             | 6.4       |
| 630/10   | 630              | 515                         | 132             | M10 x 37 | 119 x 9  | 542            | 25 | 580 | -   | 14  | 60 | 50             | 54             | 8.2       |
| 630/12   | 630              | 515                         | 160/180         | M12 x 45 | 119 x 9  | 542            | 25 | 580 | -   | 14  | 60 | 50             | 54             | 8.2       |
| 686/12   | 686              | 538                         | 160/180         | M12 x 43 | 154 x 12 | 575            | 28 | 630 | 315 | 18  | 75 | 60             | 64             | 12.8      |
| 686/16   | 686              | 538                         | 200/225         | M16 x 62 | 154 x 12 | 575            | 28 | 630 | 315 | 18  | 75 | 60             | 64             | 12.8      |

All dimensions in millimetres unless otherwise stated. Every effort has been taken to ensure that the data listed in this catalogue is correct. Challenge accepts no liability for any inaccuracies or damage caused.