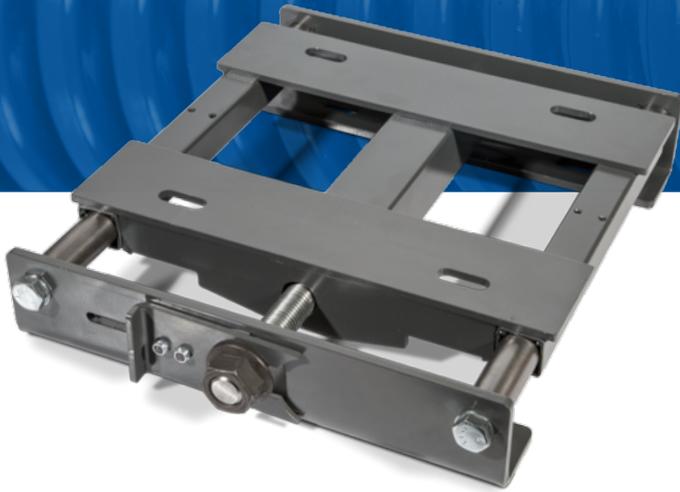


*Browning*<sup>®</sup>



# BROWNING<sup>®</sup> TENSO-SET<sup>®</sup> SELF-TENSIONING MOTOR BASE

The new Browning Tenso-Set Series 600 horizontal sliding motor base with optional Quick Release (QR) is an industry first for v-belt drives. When compared to traditional pan or open frame bases, the Tenso-Set QR design enhances technician convenience and belt drive efficiency by automatically maintaining belt tension for extended periods and allowing quick belt changes in just minutes.

## **BENEFITS COMPARED TO PAN OR OPEN FACE MOTOR BASES**

- Significantly reduces time required to change v-belts
- Promotes greater efficiency by constantly maintaining v-belt tension
- Tube rail and one-piece carriage design promotes and maintains superior drive alignment
- Improved safety. No need to cut off belts or roll them onto sheaves
- Improves belt life by helping to eliminate slipping



*Browning Optimized 2 groove 5VX Solution*

**TENSO**  **SET**<sup>®</sup>



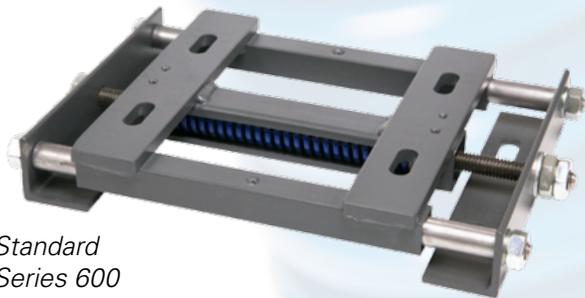
*Constant spring tension automatically compensates for belt wear and reduces frequency of belt adjustments*

**REGAL**<sup>®</sup>

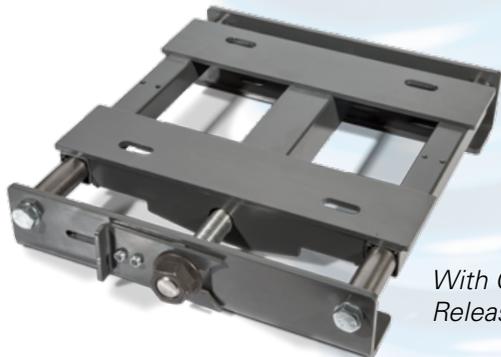
# TENSO-SET® SERIES 600 AUTO-TENSIONING MOTOR BASE

Quick Release Functionality:

1. Closed latch and operating position
2. De-tensioned drive allows release lever gate to slide open
3. Motor carriage slides forward and tensioning bolt passes through frame, allowing a significant reduction in time compared to pan and open face motor bases. This allows for efficient maintenance.



Standard  
Series 600



With Quick  
Release (QR)

**Browning®**

Regal Power Transmission Solutions  
Regal Beloit America, Inc.  
7120 New Buffington Road  
Florence, KY 41042  
Customer Service: 800-626-2120  
Fax: 800-262-3292  
Technical Service: 800-626-2093

[www.RegalBeloit.com](http://www.RegalBeloit.com)

#### APPLICATION CONSIDERATIONS

The proper selection and application of power transmission products and components, including the related area of product safety, is the responsibility of the customer. Operating and performance requirements and potential associated issues will vary appreciably depending upon the use and application of such products and components. The scope of the technical and application information included in this publication is necessarily limited. Unusual operating environments and conditions, lubrication requirements, loading supports, and other factors can materially affect the application and operating results of the products and components and the customer should carefully review its requirements. Any technical advice or review furnished by Regal Beloit America, Inc. and/or its affiliates ("Regal") with respect to the use of products and components is given in good faith and without charge, and Regal assumes no obligation or liability for the advice given, or results obtained, all such advice and review being given and accepted at customer's risk.

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NEMA BASE - SELF-ADJUSTING			
PART DESCRIPTION	BASE NUMBER	NEMA FRAME	HP RANGE
BSAMBN601	601	48 - 56	1/4 - 2
BSAMBN605	605	143 - 145	1 - 2
BSAMBN607	607	182 - 184	3 - 5
BSAMBN613	613	213 - 215	7 1/2 - 10
BSAMBN621	621	254 - 256	15 - 20
BSAMBN623	623	284 - 286	25 - 30
BSAMBN925	DX925	324 - 326	40 - 50
BSAMBN927	DX927	364 - 365	60 - 75
BSAMBN929	DX929	404 - 405	75 - 100
BSAMBN931	DX931	444 - 445	100 - 150
BSAMBN933	DX933	447	200 - 250

NEMA BASE - QUICK RELEASE SELF-ADJUSTING			
PART DESCRIPTION	BASE NUMBER	NEMA FRAME	HP RANGE
BSAMBN601QR	601	48 - 56	1/4 - 2
BSAMBN605QR	605	143 - 145	1 - 2
BSAMBN607QR	607	182 - 184	3 - 5
BSAMBN613QR	613	213 - 215	7 1/2 - 10
BSAMBN621QR	621	254 - 256	15 - 20
BSAMBN623QR	623	284 - 286	25 - 30

IEC BASE - SELF-ADJUSTING			
PART DESCRIPTION	BASE NUMBER	IEC FRAME	KW RANGE
BSAMBI605	605	90S - 90L	.75 - 2.2
BSAMBI607	607	112S - 112M	1.5 - 4
BSAMBI613	613	132S - 132M	5.5 - 7.5
BSAMBI621	621	160M - 160L	11.0 - 15.0
BSAMBI623	623	180M - 180L	18.5 - 22
BSAMBI925	DX925	200M - 200L	30 - 37
BSAMBI927	DX927	225S - 225M	37 - 45
BSAMBI929	DX929	250S - 250M	55 - 75
BSAMBI931	DX931	280S - 280M	75 - 110

NOTE: Motor bases for IEC 601 or 933 are not available.

IEC BASE - QUICK RELEASE SELF-ADJUSTING			
PART DESCRIPTION	BASE NUMBER	IEC FRAME	KW RANGE
BSAMBI605QR	605	90S - 90L	.75 - 2.2
BSAMBI607QR	607	112S - 112M	1.5 - 4
BSAMBI613QR	613	132S - 132M	5.5 - 7.5
BSAMBI621QR	621	160M - 160L	11.0 - 15.0
BSAMBI623QR	623	180M - 180L	18.5 - 22

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