



## V-BELT DRIVES

### THE TOTAL DRIVE SOLUTION

The extensive Browning® V-Drive line is engineered for optimum drive system performance. Each Browning V-Drive incorporates 125 years experience in the design, manufacturing and integration of drive systems. The patented B5V® combination groove sheave is the most significant advance in belt drives since the initial development of V-groove sheaves. This exclusive line of sheaves also utilizes the Browning Split Taper® Bushing offering the unique key to key drive for ease of installation.

Browning belt drives feature tighter tolerances and precision balancing for better balance, reduced vibration and reduced overhung load. The exclusive Browning 5VX line of belts offer wider notch spacing and ground form sides that also assist in reduced cord stress and vibration.

The concentric operation and smooth transfer of power can extend the life of the entire drive system.

### THREE-YEAR WARRANTY

Browning offers a unique three-year warranty on the entire drive system when users select the total Browning drive solution – Browning shaft mount reducers with Browning V-Belts and sheaves. By selecting a Browning drive package, you ensure system compatibility and optimize system performance. Team Up with Browning Helical Shaftmount and V-Belt drives components today. For program details and registration visit: [www.RegalPTS.com](http://www.RegalPTS.com).

### BEST COST SELECTION

The B5V line was engineered for 40% more horsepower per dollar of cost (40% cost reduction), plus the line allows for exceptional inventory control. The B5V groove can be used with A, B, and 5V belts on drives from 10 to 125HP.

### VARIABLE SPEED SOLUTION

Browning VP sheaves and MVP® sheaves provide a full range of variable pitch options – available for drives up to 750HP. Variable pitch sheaves allow easy mechanical speed adjustments for fine turning equipment speeds.



# THE RIGHT DRIVE EVERY TIME

## **B5V® FOR MAXIMUM ECONOMY, OPTIMAL PERFORMANCE**

With the introduction of the revolutionary, patented B5V line, Browning® provides the technology to meet today's requirements of increased horsepower in a compact space. The combination groove B5V sheave allows 170 components to cover a range up to 125 horsepower. When you specify Browning you select from the highest quality, most extensive V-belt drive line in the world.

## **ADDITIONAL FEATURES AND BENEFITS:**

**FHP sheaves** – over 3,000 cast iron AK/BK size and bore combinations in stock, available in shaft ready busing type and finished bore

**Variable speed sheaves** – available to 750HP, precision balanced to provide smooth, vibration-free performance

**VP variable speed sheaves** – feature external rib design for extra cooling and longer belt life, increases wall thickness by 30% and hub thickness by 20%, twice balanced after assembly – these features meet requirements for short centers and higher speeds

**Split taper bushings** – available in 10mm to 95mm ½" to 10" bore range

**Browning belts** – available in 3V, 3VX, 5V, 5VX, 8V, A, B, C, D

Code 1® matching system on all classical and "358" belts allow easy selection with just one match number for each belt size



## **Regal Power Transmission Solutions**

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## **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 its affiliates 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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