

B5V[®] SHEAVE TECHNOLOGY

Browning[®] B5V sheaves pack 180 components into what previously comprised approximately 1,000 items of various types and configurations. And it does it without sacrificing flexibility, capacity or economy. In fact, the B5V sheave design directly addresses and solves many of the V-drive problems which have plagued buyers and specifiers since V-drives were invented. This breakthrough in V-drive technology means you can:

- Experience fewer false starts in drive selection
- Reduce the need to oversize a drive to meet shaft capacity
- Substantially reduce component inventories
- Get more horsepower for your V-drive dollar

SINGLE GROOVE 5V SHEAVES – NEVER BEFORE AVAILABLE

Because B5V sheaves offer a full range of sizes 1 through 6 grooves, you can select the higher capacity of 5V drives in a single groove sheave. This greatly expands 5V application possibilities and further enhances cost savings potential. B5V sheaves are available for applications up to 150HP.

VX BELTS FOR GREATER APPLICATION FLEXIBILITY

To complement the B5V sheave offering, 28 new 5VX belt sizes have also been added. This expanded offering nearly doubles the possible center distance combinations.

MIX AND MATCH WITH PRESENT DRIVE COMPONENTS

Using B5V sheaves does not make present V-drive components obsolete. In fact, a B5V sheave may be used at any time as the driver or the driven sheave in the same drive with a traditional A/B or B5V sheave, and of course use the same belts. Because B and 5V sheaves utilize different groove spacing, B5V sheaves are not designed for use with banded belts.

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OFFERS GREAT VALUE IN THE BELT DRIVE INDUSTRY

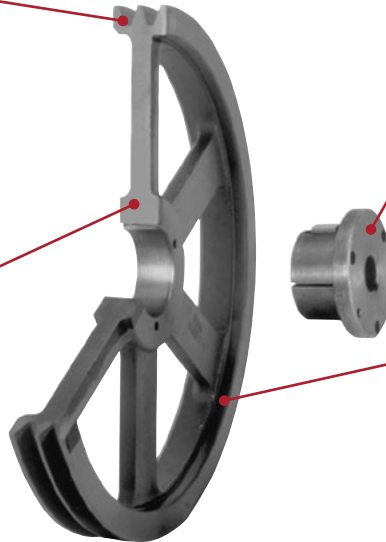
B5V sheave technology is a significant advance in belt drives since the V-groove. It takes you to The 6th power in proven performance and increased economy. It is available with 1-6 grooves, up to 150 HP. Complete drive data is available from EDGE Online at www.RegalPTS.com.

SAME SHEAVE ACCOMMODATES A, B & 5V BELTS

- Simple selection process
- Can reduce inventory
- 5V performance — B groove economy

CREATED THROUGH CAD AND FINITE ELEMENT ANALYSIS

- Light weight
- High Strength
- Great Balance



UTILIZES THE POPULAR SPLIT TAPER DESIGN

- Bore range — 1/2" - 3 3/4"
- Short barrel length — needs only small shaft space
- Used extensively throughout line

HIGH CAPACITY

- Expanded offering
- Now through 125 HP
- 1 through 6 groove
- Accommodates 1/2" - 3 3/4" shafts

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.RegalPTS.com/Browning

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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