

MVP® SHEAVES

The Browning MVP Sheave consists of a series of angular faced flanges which are bolted to a fixed flange and another series of angular faced flanges which are bolted to a threaded collar. When the threaded collar is turned clockwise it moves the angular faced flanges closer together causing the belts to ride higher in the groove, increasing the pitch diameter. When turned counter clockwise it moves the flanges apart allowing the belt to ride lower in the groove, decreasing the pitch diameter. The threaded flange is equipped with the Browning patented locking collar so that when the desired pitch diameter is attained by turning the threaded collar, the movable flanges can be securely locked in place. The pitch diameter is infinitely adjustable between the minimum and maximum setting. And All Browning MVP Sheaves are dynamically balanced.



- More power in less space.
- Smaller, lighter weight drives are possible.
- Bearing overhang is not as great as with conventional V-belts.
- More effectively utilize T-Frame motors.

A-B VARIABLE SPEED SHEAVES

Stock Finished Bore MVP® Sheaves for "A" and "B" Belts
U. S. Patent Number 5,304,098 - Patent Expires October 2012*

Dynamically Balanced



Table No. 1 Specifications

DIAMETER			Part Number	Dimensions			Stock Bores Marked "X"							Wt. Lbs.
Datum Range		Out-side		O.L.	Face Width		7/8"	1 1/8"	1 3/8"	1 5/8"	1 7/8"	2 1/8"	2 3/8"	
"A" Belts	"B" Belts				Max.	Min.								
2 Grooves														
3.4" - 4.5"	3.5" - 4.9"	5.18"	2MVP35B40	3 5/8"	2 5/16"	1 15/16"	X	X	X	-	-	-	-	9.8
3.9-5.0	4.0-5.4	5.68	2MVP40B54	3 5/8"	2 5/16"	1 15/16"	-	X	X	X	-	-	-	12.5
4.4-5.5	4.5-5.9	6.18	2MVP45B59	3 5/8"	2 5/16"	1 15/16"	-	X	X	X	-	-	-	14.3
4.9-6.0	5.0-6.4	6.68	2MVP50B64	3 5/8"	2 5/16"	1 15/16"	-	X	X	X	-	-	-	18.1
5.4-6.5	5.5-6.9	7.18	2MVP55B69	3 5/8"	2 5/16"	1 15/16"	-	X	X	X	-	-	-	19.8
3 Grooves														
3.4" - 4.5"	3.5" - 4.9"	5.18"	3MVP35B40	4 3/4"	3 7/16"	3 1/16"	-	X	X	-	-	-	-	12.5
3.9-5.0	4.0-5.4	5.68	3MVP40B54	4 3/4"	3 7/16"	3 1/16"	-	X	X	X	-	-	-	16.3
4.4-5.5	4.5-5.9	6.18	3MVP45B59	4 3/4"	3 7/16"	3 1/16"	-	X	X	X	X	-	-	18.3
4.9-6.0	5.0-6.4	6.68	3MVP50B64	4 3/4"	3 7/16"	3 1/16"	-	-	X	X	X	-	-	22.9
5.4-6.5	5.5-6.9	7.18	3MVP55B69	4 3/4"	3 7/16"	3 1/16"	-	-	X	X	X	-	-	24.5
5.9-7.0	6.0-7.4	7.68	3MVP60B74	4 3/4"	3 7/16"	3 1/16"	-	-	-	-	X	-	-	29.3
6.9-8.0	7.0-8.4	8.68	3MVP70B84	4 3/4"	3 7/16"	3 1/16"	-	-	-	-	X	-	-	36.8
4 Grooves														
3.4" - 4.5"	3.5" - 4.9"	5.18"	4MVP35B40	5 7/8"	4 9/16"	4 3/16"	-	X	X	-	-	-	-	15
3.9-5.0	4.0-5.4	5.68	4MVP40B54	5 7/8"	4 9/16"	4 3/16"	-	X	X	X	-	-	-	20.5
4.4-5.5	4.5-5.9	6.18	4MVP45B59	5 7/8"	4 9/16"	4 3/16"	-	-	X	X	X	-	-	22.8
4.9-6.0	5.0-6.4	6.68	4MVP50B64	5 7/8"	4 9/16"	4 3/16"	-	-	X	X	X	-	-	29.8
5.4-6.5	5.5-6.9	7.18	4MVP55B69	5 7/8"	4 9/16"	4 3/16"	-	-	X	X	X	-	-	31.1
5.9-7.0	6.0-7.4	7.68	4MVP60B74	5 7/8"	4 9/16"	4 3/16"	-	-	-	-	X	-	-	38.8
6.9-8.0	7.0-8.4	8.68	4MVP70B84	5 7/8"	4 9/16"	4 3/16"	-	-	-	-	X	X	-	47.0
5 Grooves														
3.4" - 4.5"	3.5" - 4.9"	5.18"	5MVP35B40	7"	5 11/16"	5 5/16"	-	-	X	-	-	-	-	18.3
3.9-5.0	4.0-5.4	5.68	5MVP40B54	7"	5 11/16"	5 5/16"	-	-	-	X	X	-	-	23.9
4.4-5.5	4.5-5.9	6.18	5MVP45B59	7"	5 11/16"	5 5/16"	-	-	-	X	X	-	-	26.3
4.9-6.0	5.0-6.4	6.68	5MVP50B64	7"	5 11/16"	5 5/16"	-	-	-	X	X	-	-	35.3
5.4-6.5	5.5-6.9	7.18	5MVP55B69	7"	5 11/16"	5 5/16"	-	-	-	X	X	X	-	40.1
5.9-7.0	6.0-7.4	7.68	5MVP60B74	7"	5 11/16"	5 5/16"	-	-	-	-	X	X	-	44.1
6.9-8.0	7.0-8.4	8.68	5MVP70B84	7"	5 11/16"	5 5/16"	-	-	-	-	X	X	-	53.0