

# MVP<sup>®</sup> 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.								
<b>2 Grooves</b>														
3.4" -4.5"	3.5"-4.9"	5.18"	2MVP35B49	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
<b>3 Grooves</b>														
3.4" -4.5"	3.5"-4.9"	5.18"	3MVP35B49	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	-	-	-	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
<b>4 Grooves</b>														
3.4" -4.5"	3.5"-4.9"	5.18"	4MVP35B49	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
<b>5 Grooves</b>														
3.4" -4.5"	3.5"-4.9"	5.18"	5MVP35B49	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

**Table No. 2 Standard Keyseats**

Bore	Keyseat
7/8"	3/16" x 3/32"
1 1/8"	1/4 x 1/8
1 3/8"	5/16 x 5/32
1 5/8"	3/8 x 3/16
1 7/8, 2 1/8"	1/2 x 1/4

Browning finished bore MVP Sheaves are furnished with standard keyseats and two hollow head setscrews. Datum diameter is infinitely adjustable within the datum range, .233" change per turn of the adjusting ring.

# 2MVP60B74P - 5MVP80B94Q

## A-B Variable Speed Sheaves

Stock Bushed Type 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		Out-side	PART NUMBER		DIMENSIONS		Wt. Less Bush
Datum Range	"A" Belts		Sheave	Bush-ing	O.L.		
5.9" -7.0"	6.0"-7.4"	7.68"	2MVP60B74P	P2	3 5/8"	23.5	
6.9-8.0	7.0-8.4	8.68	2MVP70B84P	P2	3 5/8	28.1	
7.9-9.0	8.0-9.4	9.68	2MVP80B94Q	Q2	3 5/8	36.1	
<b>2 Grooves</b>							
5.9" -7.0"	6.0"-7.4"	7.68"	3MVP60B74P	P2	4 3/4"	29.5	
6.9-8.0	7.0-8.4	8.68	3MVP70B84P	P2	4 3/4	35.9	
7.9-9.0	8.0-9.4	9.68	3MVP80B94Q	Q2	4 3/4	45.5	
<b>3 Grooves</b>							
5.9" -7.0"	6.0"-7.4"	7.68"	4MVP60B74P	P3	5 7/8"	37.8	
6.9-8.0	7.0-8.4	8.68	4MVP70B84P	P3	5 7/8	46.4	
7.9-9.0	8.0-9.4	9.68	4MVP80B94Q	Q2	5 7/8	54.4	
<b>4 Grooves</b>							
5.9" -7.0"	6.0"-7.4"	7.68"	5MVP60B74P	P3	7"	42.6	
6.9-8.0	7.0-8.4	8.68	5MVP70B84P	P3	7	52.5	
7.9-9.0	8.0-9.4	9.68	5MVP80B94Q	Q3	7	60.5	

Datum diameter is infinitely adjustable within the datum range, .233" change per turn of the adjusting ring.



Table No. 2 Bushing Bores

Bushing No.	Bore Range
P2	3/4" - 1 3/4"
P3	1 1/8 - 1 5/8
Q2	1 - 2 5/8
Q3	1 3/8 - 2 1/2

Table No. 3 Standard Keyseats

Bore Range	Keyseat
3/4" - 7/8"	3/16" x 3/32"
15/16 - 1 1/4	1/4 x 1/8
1 5/16 - 1 3/8	5/16 x 5/32
1 7/16 - 1 3/4	3/8 x 3/16
1 13/16 - 2 1/4	1/2 x 1/4
2 5/16 - 2 5/8	5/8 x 5/16

1 3/8" bore bushings (except P3 and Q3) are available with 3/8" x 3/16" keyseat.

### A-B Companion Sheaves

Stock Companion Sheaves for "A" and "B" Belts

**Table No. 1 Specifications**

DIAMETERS			PART NUMBER		DIMENSIONS	Wt. Less Bush
Datum "A" Belts	Datum "B" Belts	Outside	Sheave	Bushing	O.L.	
<b>3 Grooves, Face Width = 3 1/4"</b>						
4.6"	5.0"	5.35"	3MVB50P	P1	3 1/2"	9.8
5	5.4	5.75	3MVB54P	P1	3 1/2	11.3
5.6	6.0	6.35	3MVB60P	P1	3 1/2	13.8
6	6.4	6.75	3MVB64P	P1	3 1/2	13.6
6.6	7.0	7.35	3MVB70Q	Q1	3 17/32	16.8
7.0	7.4	7.75	3MVB74Q	Q1	3 17/32	16.8
7.6	8.0	8.35	3MVB80Q	Q1	3 17/32	19.5
8.2	8.6	8.95	3MVB86Q	Q1	3 17/32	23.5
8.6	9.0	9.35	3MVB90Q	Q1	3 17/32	22.8
9.0	9.4	9.75	3MVB94Q	Q1	3 17/32	22.5
10.6	11.0	11.35	3MVB110Q	Q1	3 17/32	29.0
12.0	12.4	12.75	3MVB124Q	Q1	3 17/32	31.3
13.2	13.6	13.95	3MVB136Q	Q1	3 17/32	35.4
15.0	15.4	15.75	3MVB154Q	Q1	3 17/32	40.0
15.0	15.4	15.75	3MVB154R	R1	3 25/32	44.6
18.0	18.4	18.75	3MVB184Q	Q1	3 17/32	49.3
18.0	18.4	15.75	3MVB184R	R1	3 25/32	53.5
19.5	20.0	20.35	3MVB200R	R1	3 25/32	61.0
24.5	25.0	25.35	3MVB250R	R1	3 25/32	77.0
29.5	30.0	30.35	3MVB300R	R1	3 25/32	109
37.5	38.0	38.5	3MVB380R	R1	3 25/32	132
<b>4 Grooves, Face Width = 4 3/8"</b>						
4.6"	5.0"	5.35"	4MVB50Q	Q2	5 13/32"	12.1
5	5.4	5.75	4MVB54Q	Q2	5 13/32	15.4
5.6	6.0	6.35	4MVB60Q	Q2	4 13/32	19.1
6	6.4	6.75	4MVB64Q	Q2	4 19/32	23.3
6.6	7.0	7.35	4MVB70Q	Q2	4 19/32	24.8
7.0	7.4	7.75	4MVB74Q	Q2	4 19/32	29.0
7.6	8.0	8.35	4MVB80Q	Q2	4 19/32	26.0
8.2	8.6	8.95	4MVB86Q	Q2	4 19/32	30.0
8.6	9.0	9.35	4MVB90Q	Q2	4 19/32	33.4
9.0	9.4	9.75	4MVB94Q	Q2	4 19/32	35.3
10.6	11.0	11.35	4MVB110Q	R1	4 3/8	39.5
12.0	12.4	12.75	4MVB124Q	R1	4 3/8	42.3
13.2	13.6	13.95	4MVB136Q	R1	4 3/8	47.0
15.0	15.4	15.75	4MVB154R	R1	4 3/8	52.5
15.0	15.4	15.75	4MVB184R	R1	4 3/8	65.0
19.5	18.4	18.75	4MVB200R	R1	4 3/8	73.0
24.5	18.4	15.75	4MVB250R	R1	4 3/8	88.0
29.5	20.0	20.35	4MVB300R	R1	4 3/8	131
37.5	25.0	25.35	4MVB380R	R1	4 3/8	171



**Table No. 2 Bushing Bores**

Bushing No.	Bore Range
P1	1/2" - 1 3/4"
Q1	3/4-2 11/16
Q2	1 - 2 5/8
R1	1 1/8-3 3/4

**Table No. 3 Standard Keyseats**

Bore Range	Keyseat	Bore Range	Keyseat
1/2"-9/16"	1/8" x 1/16"	1 13/16" - 2 1/4"	1/2" x 1/4"
5/8-7/8	3/16 x 3/32	2 5/16-2 3/4	5/8 x 5/16
15/16-1 1/4	1/4 x 1/8	2 13/16 - 3 1/4	3/4 x 3/8
1 5/16- 1 3/8	5/16 x 5/32	3 3/8-3 3/4	7/8 x 7/16
1 7/16-1 3/4	3/8 x 3/16		

1 3/8" bore bushings are available with 3/8" x 3/16" keyseat.

For complete catalog dimensions see eCatalog at [www.RegalPTS.com](http://www.RegalPTS.com)

# 5MVB50Q - 5MVB380R

## A-B Companion Sheaves

Stock Companion Sheaves for "A" and "B" Belts

**Table No. 1 Specifications**

DIAMETERS			PART NUMBER		DIMENSIONS	Wt. Less Bush
Datum "A" Belts	Datum "B" Belts	Outside	Sheave	Bush- ing	O.L.	
<b>5 Grooves, Face Width = 5 1/2"</b>						
4.6"	5.0"	5.35"	5MVB50Q	Q2	6 17/32"	15.2
5.0	5.4	5.75	5MVB54Q	Q2	6 17/32	19.0
5.6	6.0	6.35	5MVB60Q	Q2	5 1/2	22.8
6.0	6.4	6.75	5MVB64Q	Q2	5 1/2	27.6
6.6	7.0	7.35	5MVB70R	R2	5 29/32	31.8
7.0	7.4	7.75	5MVB74R	R2	5 29/32	37.0
7.6	8.0	8.35	5MVB80R	R2	5 29/32	45.3
8.2	8.6	8.95	5MVB86R	R2	5 29/32	51.3
8.6	9.0	9.35	5MVB90R	R2	5 29/32	64.0
9.0	9.4	9.75	5MVB94R	R2	5 29/32	50.5
10.6	11.0	11.35	5MVB110R	R2	5 29/32	66.0
12.0	12.4	12.75	5MVB124R	R2	5 29/32	64.0
13.2	13.6	13.95	5MVB136R	R2	5 29/32	73.5
15.0	15.4	15.75	5MVB154R	R2	5 29/32	81.5
18.0	18.4	18.75	5MVB184R	R2	5 29/32	91.0
19.5	20.0	20.35	5MVB200R	R2	5 29/32	102
24.5	25.0	25.35	5MVB250R	R2	5 29/32	115
29.5	30.0	30.35	5MVB300R	R2	5 29/32	166
37.5	38.0	38.35	5MVB380R	R2	5 29/32	235



**Table No. 2 Bushing Bores**

Bushing No.	Bore Range
Q2	1" - 2 5/8"
R2	1 3/8 - 3 5/8"

**Table No. 3 Standard Keyseats**

Bore Range	Keyseat	Bore Range	Keyseat
1" - 1 1/4"	1/4" x 1/8"	2 5/16" - 2 3/4"	5/8" x 5/16"
1 5/16-1 3/8"	5/16 x 5/32	2 13/16-3 1/4"	3/4 x 3/8"
1 7/16-1 3/4"	3/8 x 3/16"	3 3/8- 3 3/4"	7/8 x 7/16"
1 13/16-2 1/4"	1/2 x 1/4"		

1 3/8" bore bushings are available with 3/8" x 3/16" keyseat.

### C Companion Sheaves

Stock Bushed Type Variable Speed Sheaves for "C" Belts  
U. S. Patent Number 5,304,098 - Patent Expires October 2012  
Dynamically Balanced



"C" Belts  
7/8" x 17/32"

Table No. 1 Two Groove "C" Locking Ring Variable Speed Sheaves

Part Number		O.D.	Datum Range				DIMENSIONS	Wt. Less Bush.
Sheave	Bush- ing		Min. Pitch	Turns Open	Max. Pitch	Turns Open	O.L.	
2V72C90Q	Q2	9.48"	7.2"	9	9.0"	0	5 1/32"	34.4
2V82C100Q	Q2	10.48	8.2	9	10.0	0	5 1/32	41.0
2V92C110Q	Q2	11.48	9.2	9	11.0	0	5 1/32	48.4

Use Browning Gripbelt® belts and stock 2 Groove Sheaves with these Sheaves.  
D. D. is adjustable on quarter-turn increments; .05" per quarter-turn.  
Q2 Bushing bore range = 1" to 2 5/8".



Table No. 2 MVP® Sheaves

DIAMETERS		PART NUMBER		DIMENSIONS	Wt. Less Bush.
Datum Range	Out- Side	Sheave	Bush- ing	O.L.	
<b>2 Grooves</b>					
7.5" - 9.7"	10.06"	2MVP75C97Q	Q2	4 5/8"	44.6
8.5 - 10.7	11.06	2MVP85C107Q	Q2	4 5/8	51.5
9.5 - 11.7	12.03	2MVP95C117Q	Q2	4 5/8	61.0
10.5 - 12.7	13.06	2MVP105C127Q	Q2	4 5/8	69.5
11.5 - 13.7	14.06	2MVP115C137Q	Q2	4 5/8	81.0
<b>3 Grooves</b>					
7.5" - 9.7"	10.06"	3MVP75C97Q	Q2	6 9/32"	57.5
8.0 - 10.2	10.56	3MVP80C102Q	Q2	6 9/32	63.5
8.5 - 10.7	11.06	3MVP85C107Q	Q2	6 9/32	68.5
9.0 - 11.2	11.56	3MVP90C112Q	Q2	6 9/32	73.5
9.5 - 11.7	12.03	3MVP95C117Q	Q2	6 9/32	78.0
10.5 - 12.7	13.06	3MVP105C127Q	Q2	6 9/32	92.5
11.5 - 13.7	14.06	3MVP115C137Q	Q2	6 2/7	111
<b>4 Grooves</b>					
7.5" - 9.7"	10.06"	4MVP75C97Q	Q3	7 15/16"	74.0
8.5 - 10.7	11.06	4MVP85C107Q	Q3	7 15/16	89.0
9.5 - 11.7	12.03	4MVP95C117Q	Q3	7 15/16	103
10.5 - 12.7	13.06	4MVP105C127Q	Q3	7 15/16	121
11.5 - 13.7	14.06	4MVP115C137Q	Q3	7 15/16	141

Datum diameter is infinitely adjustable within the datum range, .233" change per turn of the adjusting ring.

Table No. 2  
Bushing Bores

Bushing No.	Bore Range
Q2	1" - 2 5/8"
Q3	1 3/8 - 2 1/2

Table No. 3  
Standard Keyseats

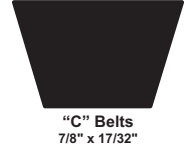
Bore Range	Keyseat
1" - 1 1/4"	1/4" x 1/8"
1 5/16 - 1 3/8	5/16" x 5/32"
1 7/16 - 1 3/4	3/8 X 3/16
1 13/16 - 2 1/4	1/2 x 1/4
2 5/16 - 2 5/8	5/8 x 5/16
2 7/8	3/4 x 3/8

1 3/8" bore bushings (except Q3)  
also available with 3/8" x 3/16" keyseat.

# 5MVP75C97 - 5MVP115C137

## C Variable Speed Sheaves

Stock Finished Bore MVP® Sheaves for "C" Belts  
 U. S. Patent Number 5,304,098 - Patent Expires October 2012  
 Dynamically Balanced



**Table No. 1 Specifications**

DIAMETERS		Part Number	DIMENSIONS	STOCK BORES MARKED "X"					Wt. Lbs.
Datum Range	Out-side			O.L.	1 7/8"	2 1/8"	2 3/8"	2 7/8"	
"C" Belts									
<b>5 Grooves</b>									
7.5" - 9.7"	10.06"	<b>5MVP75C97</b>	9 19/32"	X	X	X	-	-	97
8.5 - 10.7	11.06	<b>5MVP85C107</b>	9 19/32	-	X	X	X	-	115
9.5 - 11.7	12.06	<b>5MVP95C117</b>	9 19/32	-	X	X	X	-	133
10.5 - 12.7	13.06	<b>5MVP105C127</b>	9 19/32	-	-	X	X	-	156
11.5 - 13.7	14.06	<b>5MVP115C137</b>	9 19/32	-	-	X	-	-	180

Browning Finished Bore MVP Sheaves are furnished with standard keyseats and two hollow head setscrews.  
 Datum diameter is infinitely adjustable within the datum range, .233" change per turn of the adjusting ring.



**Table No. 2 Standard Keyseats**

Bore	Keyseat
1 7/8, 2 1/8	1/2" x 1/4"
2 3/8	5/8 x 5/16
2 7/8	3/4 x 3/8
3 3/8	7/8 x 7/16

### C Companion Sheaves

MVP® Stock Companion Sheaves for "C" Belts



"C" Belts  
7/8" x 17/32"

**Table No. 1 Specifications**

DIAMETERS		PART NUMBER		DIMENSIONS	Wt. Less Bush.
Datum "C" Belts	Outside	Sheave	Bush- ing	O.L.	
<b>3 Grooves, Face Width = 4 9/16"</b>					
8.0"	8.40"	3MVC80Q	Q2	4 11/16"	33.5
8.6	9.00	3MVC86Q	Q2	4 11/16	34.0
9.0	9.40	3MVC90Q	Q2	4 11/16	35.5
9.6	10.00	3MVC96Q	Q2	4 11/16	41.5
10.0	10.40	3MVC100Q	Q2	4 11/16	45.8
10.6	11.00	3MVC106Q	Q2	4 11/16	46.8
11.0	11.40	3MVC110Q	Q2	4 11/16	45.8
12.0	12.40	3MVC120Q	Q2	4 11/16	50.3
13.0	13.40	3MVC130Q	Q2	4 11/16	53.0
14.0	14.40	3MVC140R	R1	4 9/16	56.5
16.0	16.40	3MVC160R	R1	4 9/16	67.5
18.0	18.40	3MVC180R	R1	4 9/16	96.5
20.0	20.40	3MVC200R	R1	4 9/16	85.0
24.0	24.40	3MVC240R	R1	4 9/16	101
27.0	27.40	3MVC270R	R1	4 9/16	131
30.0	30.40	3MVC300R	R1	4 9/16	156
36.0	36.40	3MVC360R	R1	4 9/16	200
44.0	44.40	3MVC440U	U0	5 13/16	290
50.0	50.40	3MVC500U	U0	5 13/16	315
<b>4 Grooves, Face Width = 6 7/32"</b>					
8.0"	8.40"	4MVC80Q	Q2	6 7/32"	43.5
8.6	9.00	4MVC86Q	Q2	6 7/32	43.6
9.0	9.40	4MVC90Q	Q2	6 7/32	45.3
9.6	10.00	4MVC96Q	Q2	6 7/32	52.5
10.0	10.40	4MVC100Q	Q2	6 7/32	56.0
10.6	11.00	4MVC106Q	Q2	6 7/32	56.5
11.0	11.40	4MVC110Q	Q2	6 7/32	56.0
12.0	12.40	4MVC120Q	Q2	6 17/64	71.0
13.0	13.40	4MVC130Q	Q2	6 17/64	72.5
14.0	14.40	4MVC140R	R2	6 17/64	80.0
16.0	16.40	4MVC160R	R2	6 17/64	93.0
18.0	18.40	4MVC180R	R2	6 17/64	105
20.0	20.40	4MVC200R	R2	6 17/64	115
24.0	24.40	4MVC240R	R2	6 17/64	138
27.0	27.40	4MVC270R	R2	6 17/64	157
30.0	30.40	4MVC300R	R2	6 17/64	197
36.0	36.40	4MVC360R	R2	6 17/64	241
50.0	50.40	4MVC500U	U0	6 41/64	420



**Table No. 2 Bushing Bores**

Bushing No.	Bore Range
Q2	1" - 2 5/8"
R1	1 7/8 - 3 3/4
R2	1 3/8 - 3 5/8
U0	2 3/8 - 5 1/2

**Table No. 3 Standard Keyseats**

Bore Range	Keyseat	Bore Range	Keyseat
1" - 1 1/4"	1/4" x 1/8"	2 5/16" - 2 3/4"	5/8" x 5/16"
1 5/16 - 1 3/8	5/16 x 5/32	2 13/16 - 3 1/4	3/4 x 3/8
1 7/16 - 1 3/4	3/8 x 3/16	3 3/8 - 3 3/4	7/8 x 7/16
1 13/16 - 2 1/4	1/2 x 1/4	3 7/8 - 4 1/2	1 x 1/2
		4 5/8 - 5 1/2	1 1/4 x 5/8

1 3/8" bore bushings (except R2) also available with 3/8" x 3/16" keyseat.

For complete catalog dimensions see eCatalog at  
[www.RegalPTS.com](http://www.RegalPTS.com)

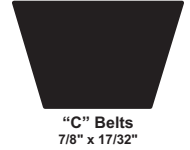
# 5MVC80R - 5MVC500U

## C Companion Sheaves

MVP® Stock Companion Sheaves for "C" Belts

**Table No. 1 Specifications**

DIAMETERS		PART NUMBER		DIMENSIONS	Wt. Less Bush.
Datum "C" Belts	Outside	Sheave	Bush- ing	O.L.	
<b>5 Grooves, Face Width = 7 7/8"</b>					
8.0"	8.40"	5MVC80R	R2	7 7/8"	54
8.6	9.00	5MVC86R	R2	7 7/8	68
9.0	9.40	5MVC90R	R2	7 7/8	72
9.6	10.00	5MVC96R	R2	7 7/8	80
10.0	10.40	5MVC100R	R2	7 7/8	82
10.6	11.00	5MVC106R	R2	7 7/8	84
11.0	11.40	5MVC110R	R2	7 7/8	86
12.0	12.40	5MVC120R	R2	7 7/8	83
13.0	13.40	5MVC130R	R2	7 7/8	93
14.0	14.40	5MVC140R	R2	7 7/8	98
16.0	16.40	5MVC160R	R2	7 7/8	110
18.0	18.40	5MVC180S	S2	8 7/32	156
20.0	20.40	5MVC200S	S2	8 7/32	181
24.0	24.40	5MVC240S	S2	8 7/32	213
27.0	27.40	5MVC270S	S2	8 7/32	235
30.0	30.40	5MVC300S	S2	8 7/32	250
36.0	36.40	5MVC360S	S2	8 7/32	327
44.0	44.40	5MVC440U	U0	7 7/8	384
50.0	50.40	5MVC500U	U0	7 7/8	410



**Table No. 2 Bushing Bores**

Bushing No.	Bore Range
R2	1 3/8" - 3 5/8"
S2	1 7/8 - 4 3/16
U0	2 3/8 - 5 1/2
U1	2 3/8 - 5 1/2

**Table No. 3 Standard Keyseats**

Bore Range	Keyseat	Bore Range	Keyseat
1 3/8"	5/16" x 5/32"	2 13/16" - 3 1/4"	3/4" x 3/8"
1 7/16 - 1 3/4	3/8 x 3/16	3 3/8 - 3 3/4	7/8 x 7/16
1 13/16 - 2 1/4	1/2 x 1/4	3 7/8 - 4 1/2	1 x 1/2
2 5/16 - 2 3/4	5/8 x 5/16	4 5/8 - 5 1/2	1 1/4 x 5/8

# 3MVP815V95Q - 3MVP1115V125Q 4MVP815V95 x 2 1/8 - 5MVP1115V125 x 3 3/8

# C, 5V MVP

## 5V Variable Speed Sheaves

Stock Bushed Type and Finished Bore MVP® Sheaves for “5V” Belts  
Dynamically Balanced

**Table No. 1 Specifications - Bushing Type**

DIAMETERS		PART NUMBER		DIMENSIONS	Wt. Less Bush.
Pitch Range “5V” Belts	Out-side	Sheave	Bush-ing	O.L.	
<b>3 Grooves</b>					
8.1” - 9.5”	9.6”	3MVP815V95Q	Q2	4 3/4”	43.0
9.1 - 10.5	10.6	3MVP915V105Q	Q2	4 3/4	55.0
10.1 - 11.5	11.6	3MVP1015V115Q	Q2	4 3/4	70.0
11.1 - 12.5	12.6	3MVP1115V125Q	Q2	4 3/4	88.0

\*Bore range of “Q2” Bushing is 1” - 2 5/8”.



**Table No. 2 Specifications - Finished Bore Type**

DIAMETERS		PART NUMBER	DIMENSIONS	STOCK BORES MARKED “X”						Wt. Lbs.
Pitch Range “5V” Belts	Out-side		O.L.	1 7/8”	2 1/8”	2 3/8”	2 7/8”	3 3/8”	3 7/8”	
<b>4 Grooves</b>										
8.1” - 9.5”	9.6”	4MVP815V95	5 7/8”	-	x	x	-	-	-	65.0
9.1 - 10.5	10.6	4MVP915V105	5 7/8	-	x	x	-	-	-	77.0
10.1 - 11.5	11.6	4MVP1015V115	5 7/8	-	-	-	x	x	-	88.0
11.1 - 12.5	12.6	4MVP1115V125	5 7/8	-	-	-	-	x	-	100
<b>5 Grooves</b>										
8.1” - 9.5”	9.6”	5MVP815V95	7”	-	-	x	x	-	-	75.0
9.1 - 10.5	10.6	5MVP915V105	7	-	-	x	x	-	-	87.0
10.1 - 11.5	11.6	5MVP1015V115	7	-	-	-	x	x	-	100
11.1 - 12.5	12.6	5MVP1115V125	7	-	-	-	x	x	-	120

Browning Finished Bore MVP Sheaves are furnished with standard keyseats and two hollow head setscrews. Pitch diameter is indefinitely adjustable within the pitch range; .233” change per turn of the adjusting ring.



**Table No. 2 Standard Keyseats**

Bore	Keyseat
1” - 1 1/4”	1/4” x 1/8”
1 5/16 - 1 3/8	5/16 x 5/16
1 7/16 - 1 3/4	3/8 x 3/16
1 13/16 - 2 1/4	1/2 x 1/4
2 5/16 - 2 5/8	5/8 x 5/16
2 7/8	3/4 x 3/8
3 3/8	7/8 x 7/16

1 3/8” bore bushings (except R2) also available with 3/8” x 3/16” keyseat.

For complete catalog dimensions see eCatalog at  
[www.RegalPTS.com](http://www.RegalPTS.com)

# 3MV5V80R - 4MV5V500U

## 5V Companion Sheaves

Stock Companion Sheaves for "5V" Belts

Table No. 1 Specifications

DIAMETERS		PART NUMBER		DIMENSIONS	Wt. Less Bush.
Pitch "5V" Belts	Out- side	Sheave	Bush- ing	O.L.	
<b>3 Grooves , Face Width = 3 1/4"</b>					
7.90"	8.00"	3MV5V80R	R1	3 25/32"	22.2
8.40	8.50	3MV5V85R	R1	3 25/32	26.2
8.90	9.00	3MV5V90R	R1	3 25/32	25.6
9.15	9.25	3MV5V92R	R1	3 25/32	27.6
9.65	9.75	3MV5V97R	R1	3 25/32	29.8
10.20	10.30	3MV5V103R	R1	3 25/32	32.2
10.80	10.90	3MV5V109R	R1	3 25/32	35.4
11.70	11.80	3MV5V118R	R1	3 25/32	38.9
12.40	12.50	3MV5V125R	R1	3 25/32	41.9
13.10	13.20	3MV5V132R	R1	3 25/32	34.9
13.90	14.00	3MV5V140R	R1	3 25/32	37.6
14.90	15.00	3MV5V150R	R1	3 25/32	41.6
15.90	16.00	3MV5V160R	R1	3 25/32	45.7
17.90	18.00	3MV5V180R	R1	3 25/32	51.5
19.90	20.00	3MV5V200R	R1	3 25/32	55.0
21.10	21.20	3MV5V212S	S1	4 3/4	90.5
23.90	24.00	3MV5V240S	S1	4 3/4	99.2
27.90	28.00	3MV5V280S	S1	4 3/4	110
29.90	30.00	3MV5V300S	S1	4 3/4	122
37.40	37.50	3MV5V375U	U0	5 13/32	179
43.90	44.00	3MV5V440U	U0	5 13/32	207
49.90	50.00	3MV5V500U	U0	5 13/32	233
<b>4 Grooves , Face Width = 4 3/8"</b>					
7.90"	8.00"	4MV5V80R	R1	4 3/8"	27.0
8.40	8.50	4MV5V85R	R1	4 3/8	30.9
8.90	9.00	4MV5V90R	R1	4 3/8	30.8
9.15	9.25	4MV5V92R	R1	4 3/8	33.5
9.65	9.75	4MV5V97R	R1	4 3/8	36.0
10.20	10.30	4MV5V103R	R1	4 3/8	38.0
10.80	10.90	4MV5V109R	R1	4 3/8	42.5
11.70	11.80	4MV5V118R	R1	4 3/8	46.1
12.40	12.50	4MV5V125R	R1	4 3/8	53.5
13.10	13.20	4MV5V132R	R1	4 3/8	42.9
13.90	14.00	4MV5V140R	R1	4 3/8	46.1
14.90	15.00	4MV5V150R	R1	4 3/8	50.7
15.90	16.00	4MV5V160R	R1	4 3/8	55.4
17.90	18.00	4MV5V180R	R1	4 3/8	64.2
19.90	20.00	4MV5V200R	R1	4 3/8	73.8
21.10	21.20	4MV5V212S	S1	5 9/32	104
23.90	24.00	4MV5V240S	S1	5 9/32	114
27.90	28.00	4MV5V280S	S1	5 9/32	140
29.90	30.00	4MV5V300S	S1	5 9/32	151
37.40	37.50	4MV5V375U	U0	5 23/32	209
43.90	44.00	4MV5V440U	U0	5 23/32	252
49.90	50.00	4MV5V500U	U0	5 23/32	306



5V  
5/8" x 17/32"



Table No. 2  
Bushing Bores

Bushing No.	Bore Range
R1	1 1/8" - 3 3/4"
S1	1 11/16" - 4 1/4"
U0	2 3/8" - 5 1/2"

Table No. 3  
Standard Keyseats

Bore Range	Keyseat
1 1/8 to 1 1/4"	1 1/4 x 1/8"
1 5/16 & 1 3/8	5/16 x 5/32
1 7/16 to 1 3/4	3/8 x 3/16
1 13/16 to 2 1/4	1/2 x 1/4
2 5/16 to 3 1/4	5/8 x 5/16
2 13/16 to 3 1/4	3/4 x 3/8
3 3/8 to 3 3/4	7/8 x 7/16
3 7/8 to 4 1/2	1 x 1/2
4 5/8 to 5 1/2	1 1/4 x 5/8

1 3/8" bore bushings (except R2) also available with 3/8" x 3/16" keyseat.

### 5V Companion Sheaves

Stock Companion Sheaves for "5V" Belts

**Table No. 1 Specifications**

DIAMETERS		PART NUMBER		DIMENSIONS	Wt. Less Bush
Pitch "5V" Belts	Out-side	Sheave	Bush-ing	O.L.	
<b>5 Grooves, Face Width = 5 1/2"</b>					
7.90"	8.00"	<b>5MV5V80R</b>	<b>R2</b>	5 29/32"	41.0
8.40	8.50	<b>5MV5V85R</b>	<b>R2</b>	5 29/32	47.9
8.90	9.00	<b>5MV5V90R</b>	<b>R2</b>	5 29/32	44.2
9.15	9.25	<b>5MV5V92R</b>	<b>R2</b>	5 29/32	48.6
9.65	9.75	<b>5MV5V97R</b>	<b>R2</b>	5 29/32	51.6
10.20	10.30	<b>5MV5V103R</b>	<b>R2</b>	5 29/32	55.2
10.80	10.90	<b>5MV5V109R</b>	<b>R2</b>	5 29/32	60.0
11.70	11.80	<b>5MV5V118S</b>	<b>S1</b>	5 27/32	71.6
12.40	12.50	<b>5MV5V125S</b>	<b>S1</b>	5 27/32	79.2
13.10	13.20	<b>5MV5V132S</b>	<b>S1</b>	5 27/32	81.5
13.90	14.00	<b>5MV5V140S</b>	<b>S1</b>	5 27/32	73.6
14.90	15.00	<b>5MV5V150S</b>	<b>S1</b>	5 27/32	78.4
15.90	16.00	<b>5MV5V160S</b>	<b>S1</b>	5 27/32	83.5
17.90	18.00	<b>5MV5V180S</b>	<b>S1</b>	5 27/32	95.4
19.90	20.00	<b>5MV5V200S</b>	<b>S1</b>	5 27/32	105
21.10	21.20	<b>5MV5V212U</b>	<b>U0</b>	6 9/32	135
23.90	24.00	<b>5MV5V240U</b>	<b>U0</b>	6 9/32	151
27.90	28.00	<b>5MV5V280U</b>	<b>U0</b>	6 9/32	186
29.90	30.00	<b>5MV5V300U</b>	<b>U0</b>	6 9/32	199
37.40	37.50	<b>5MV5V375U</b>	<b>U0</b>	6 9/32	239
43.90	44.00	<b>5MV5V440U</b>	<b>U0</b>	6 9/32	250
49.90	50.00	<b>5MV5V500U</b>	<b>U0</b>	6 9/32	325



**Table No. 2 Bushing Bores**

Bushing No.	Bore Range
R2	1 3/8" - 3 5/8"
S1	1 11/16" - 4 1/4"
S2	1 7/8" - 4 3/16"
U0	2 3/8" - 5 1/2"
U1	2 3/8" - 5 1/2"

**Table No. 3 Standard Keyseats**

Bore Range	Keyseat
1 3/8"	5/16" x 5/32"
1 7/16" - 1 3/4"	3/8 x 3/16
1 13/16" - 2 1/4"	1/2 x 1/4
2 5/16" - 2 3/4"	5/8 x 5/16
2 13/16" - 3 1/4"	3/4 x 3/8
3 3/8" - 3 3/4"	7/8 x 7/16
3 7/8" - 4 1/2"	1 x 1/2
4 5/8" - 5 1/2"	1 1/4 x 5/8

For complete catalog dimensions see eCatalog at [www.RegalPTS.com](http://www.RegalPTS.com)