

Light-Duty (FHP) Adjustable Sheave

Dimensions

The one and two groove adjustable sheaves are machined from annealed cast iron and are designed for 3L, 4L (A), 5L (B) or 5V V-belts. The datum diameter of the sheaves is adjusted by loosening the setscrews in the hubs and turning the threaded flange to the desired setting and then the setscrews are retightened. The sheaves will give 30% change in datum diameter.



One Groove



Two Groove

VP Series

Pitch Diameter and Turns

One Groove

Product Number	3L or O				4L or A				5L or B				5V			
	Max. Pitch	Turns Open	Min. Pitch	Turns Open	Max. Pitch	Turns Open	Min. Pitch	Turns Open	Max. Pitch	Turns Open	Min. Pitch	Turns Open	Max. Pitch	Turns Open	Min. Pitch	Turns Open
1VP25	2.44	0	1.79	3.5	na	na	na	na	na	na	na	na	na	na	na	na
1VP30	2.69	0	1.87	4	na	na	na	na	na	na	na	na	na	na	na	na
*1VP34	2.90	0	2.08	4	3.04	1.5	2.32	5	3.19	3.5	2.78	5.5	na	na	na	na
1VP40	3.18	0	2.26	4.5	3.62	0	2.39	6	3.77	2	2.95	6	na	na	na	na
1VP44	3.58	0	2.66	4.5	4.02	0	2.79	6	4.17	2	3.35	6	na	na	na	na
1VP50	4.18	0	3.26	4.5	4.62	0	3.39	6	4.77	2	3.95	6	na	na	na	na
1VP56	4.78	0	3.86	4.5	5.22	0	3.49	6	5.37	2	4.55	6	na	na	na	na
1VP60	na	na	na	na	5.85	0	4.12	6	5.91	0	4.68	6	na	na	na	na
1VP62	5.38	0	4.46	4.5	5.82	0	4.59	6	5.97	2	5.15	6	5.87	2	5.07	6
1VP65	na	na	na	na	5.85	0	4.62	6	6.41	0	5.18	6	6.33	0	5.10	6
1VP68	5.98	0	5.06	4.5	6.42	0	5.19	6	6.57	2	5.75	6	6.49	2	5.67	6
1VP71	na	na	na	na	6.45	0	5.22	6	7.01	0	5.78	6	6.93	0	5.70	6
1VP75	na	na	na	na	6.85	0	5.62	6	7.41	0	6.18	6	7.33	0	6.10	6

Two Groove

Product Number	3L or O				4L or A				5L or B				5V			
	Max. Pitch	Turns Open	Min. Pitch	Turns Open	Max. Pitch	Turns Open	Min. Pitch	Turns Open	Max. Pitch	Turns Open	Min. Pitch	Turns Open	Max. Pitch	Turns Open	Min. Pitch	Turns Open
*2VP36	2.78	0	2.27	2.5	3.22	0	2.50	3.5	3.37	2	2.76	5	na	na	na	na
2VP42	3.38	0	2.46	4.5	3.82	0	2.70	5.5	3.97	2	3.15	6	na	na	na	na
2VP50	4.18	0	3.26	4.5	4.62	0	3.37	6	4.77	2	3.95	6	na	na	na	na
2VP56	4.78	0	3.86	4.5	5.22	0	3.99	6	5.37	2	4.55	6	na	na	na	na
2VP60	na	0	na	na	5.35	0	4.12	6	5.91	0	4.68	6	na	na	na	na
2VP62	4.46	0	4.46	4.5	5.82	0	4.59	6	5.97	2	5.15	6	5.89	2	5.07	6
2VP65	na	0	na	na	5.85	0	4.62	6	6.41	0	5.18	6	6.33	0	5.10	6
2VP68	5.06	0	5.06	4.5	6.42	0	5.19	6	6.57	2	5.75	6	6.48	2	5.67	6
2VP71	na	0	na	na	6.45	0	5.22	6	7.01	0	5.78	6	6.93	0	5.70	6
2VP75	na	0	na	na	6.85	0	5.62	6	7.41	0	6.18	6	7.33	0	6.10	6

*Max. Adjustment varies with Bore Size

Light-Duty (FHP) Adjustable Sheave

Dimensions

VP SERIES

One Groove

Product Number	Outside Diameter	Overall Length	Weight Lbs.	Stock Bores									Max Bore	
				1/2	5/8	3/4	7/8	1	1-1/8	1-1/4	1-3/8	1-5/8		
1VP25	2.58	1.59	0.7	x	x	x								3/4
1VP30	2.87	1.66	1.1	x	x	x								3/4
1VP34	3.15	1.88	1.4	x	x	x	x	x	x					1-1/8
1VP40	3.75	1.88	1.9	x	x	x	x	x	x					1-1/8
1VP44	4.15	1.88	2.4	x	x	x	x	x	x					1-1/8
1VP50	4.75	2.00	3.6	x	x	x	x	x	x					1-1/8
1VP56	5.35	1.88	4.4	x	x	x	x	x	x					1-1/8
1VP60	6.00	1.66	6.5		x	x	x		x		x	x		1-5/8
1VP62	5.95	1.91	6.1		x	x	x	x	x	x	x			1-5/8
1VP65	6.50	1.66	6.8			x	x		x		x	x		1-5/8
1VP68	6.55	1.91	7.3		x	x	x	x	x	x	x			1-5/8
1VP71	7.10	1.66	8.5			x	x		x		x	x		1-5/8
1VP75	7.50	1.66	9.2			x	x	x	x		x	x		1-5/8

Two Groove

Product Number	Outside Diameter	Overall Length	Weight Lbs.	Stock Bores									Max Bore	
				1/2	5/8	3/4	7/8	1	1-1/8	1-1/4	1-3/8	1-5/8		
2VP36	3.35	3	3.4	x	x	x	x	x	x					1 1/8
2VP42	3.95	3	4.4		x	x	x	x	x					1-1/8
2VP50	4.75	3	6.3		x	x	x	x	x					1-1/8
2VP56	5.35	3	7.8		x	x	x	x	x		x	x		1-5/8
2VP60	6.00	3.25	10.6			x	x	x	x		x	x		1-5/8
2VP62	5.95	3	10			x	x	x	x	x	x			1-5/8
2VP65	6.50	3.25	12.3			x	x		x		x	x		1-5/8
2VP68	6.55	3	11.7			x	x	x	x	x	x	x		1-5/8
2VP71	7.10	3.25	14.6			x	x		x		x	x		1-5/8
2VP75	7.50	3.25	16.5			x	x	x	x		x	x		1-5/8

Product No. Example: 1VP40 Sheave with 5/8" Bore = 1VP4058 (Product No.)

Bore	Keyseat
1/2	NONE
5/8 to 7/8	3/16 x 3/32
1 to 1-1/4	1/4 x 1/8
1-5/16 x 1-3/8	5/16 x 5/32
1-7/16 x 1-5/8	3/8 x 3/16