

Variable Pitch Sheaves

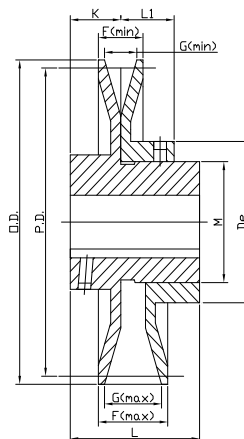


1VP

Cast iron sheaves - **Light Duty**

Bored - to Size

1VP sheaves for 3L, 4L, 5L, A, B, and 5V belts.



One Groove Dimensions (Inches)

Part No.	O.D.	F		G		L	K	Bore	M	De	Avg. Wt.
		Max	Min	Max	Min						
1VP25	2.380	0.810	0.560	0.630	0.380	1.590	0.620	1/2, 5/8, 3/4	1.375	2.00	1.0
1VP30	2.870	0.810	0.560	0.630	0.380	1.660	0.630	1/2, 5/8, 3/4	1.500	2.13	1.4
1VP34	3.150	1.000	0.690	0.810	0.500	1.880	0.780	1/2, 5/8, 3/4	1.500	2.13	1.5
								7/8, 1, 1 1/8	1.750	2.38	1.7
1VP40	3.750	1.060	0.690	0.880	0.500	1.880	0.660	1/2, 5/8, 3/4	1.500	2.13	2.0
								7/8, 1, 1 1/8	1.750	2.38	2.0
1VP44	4.150	1.060	0.690	0.880	0.500	1.880	0.660	1/2, 5/8, 3/4	1.500	2.13	2.2
								7/8, 1, 1 1/8	1.750	2.38	2.2
1VP50	4.750	1.060	0.690	0.880	0.500	2.000	0.780	1/2, 5/8, 3/4	1.500	2.13	2.7
								7/8, 1, 1 1/8	1.750	2.38	2.8
1VP56	5.350	1.060	0.690	0.880	0.500	2.000	0.780	1/2, 5/8, 3/4, 7/8, 1, 1 1/8	1.750	2.38	3.4
1VP60	6.000	1.250	0.880	1.031	0.660	2.160	0.850	5/8, 3/4, 7/8, 1, 1 1/8	2.000	2.62	4.6
								1 3/8, 1 5/8	2.500	3.29	5.3
1VP62	5.950	1.130	0.750	0.880	0.500	2.000	0.780	5/8, 3/4, 7/8, 1, 1 1/8	2.000	2.62	4.6
								1 1/4, 1 3/8	2.500	3.29	5.3
1VP65	6.500	1.250	0.880	1.030	0.660	2.160	0.850	3/4, 7/8, 1 1/8	2.000	2.62	5.3
								1 1/4, 1 3/8	2.500	3.29	5.8
1VP68	6.550	1.130	0.750	0.880	0.500	2.000	0.780	5/8, 3/4, 7/8, 1, 1 1/8	2.000	2.62	5.2
								1 1/4, 1 3/8	2.500	3.29	5.8
1VP71	7.100	1.250	0.880	1.030	0.660	2.160	0.850	3/4, 7/8, 1 1/8	2.000	2.62	6.5
								1 3/8, 1 5/8	2.500	3.29	6.8
1VP75	7.500	1.250	0.880	1.030	0.660	2.160	0.850	3/4, 7/8, 1 1/8	2.000	2.62	7.0
								1 3/8, 1 5/8	2.500	3.29	7.6

Installation Instructions

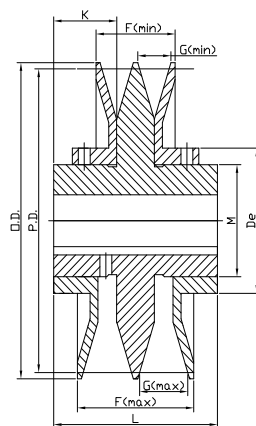
Part No.	Diameter Ranges (Inches)															
	" 3L " Belts				" 4L " or " A " Belts				" 5L " or " B " Belts				" 5V " Belts			
	Min Pitch	Turns Open	Max. Pitch	Turns Open	Min Datum	Turns Open	Max Datum	Turns Open	Min Datum	Turns Open	Max Datum	Turns Open	Min Pitch	Turns Open	Max. Pitch	Turns Open
1VP25	1.6	4	2.4	0	—	—	—	—	—	—	—	—	—	—	—	—
1VP30	1.8	4	2.7	0	—	—	—	—	—	—	—	—	—	—	—	—
1VP34	1.7	4	2.5	0	1.9	5	2.9	0	2.4	5	3.2	1	—	—	—	—
1VP40	2.3	4	3.1	0	2.4	5	3.4	0	2.7	6	3.7	1	—	—	—	—
1VP44	2.7	4	3.5	0	2.8	5	3.8	0	3.1	6	4.1	1	—	—	—	—
1VP50	3.3	4	4.1	0	3.4	5	4.4	0	3.7	6	4.7	1	—	—	—	—
1VP56	3.9	4	4.7	0	4.0	5	5.0	0	4.3	6	5.3	1	—	—	—	—
1VP60	—	—	—	—	4.2	5	5.2	0	4.3	6	5.5	0	—	—	—	—
1VP62	4.5	4	5.3	0	4.6	5	5.6	0	4.9	6	5.9	1	5.3	6	6.3	1
1VP65	—	—	—	—	4.7	5	5.7	0	4.8	6	6.0	0	5.2	6	6.4	0
1VP68	5.1	4	5.9	0	5.2	5	6.2	0	5.5	6	6.5	1	5.9	6	6.9	1
1VP71	—	—	—	—	5.3	5	6.3	0	5.4	6	6.6	0	5.8	6	7.0	0
1VP75	—	—	—	—	5.7	5	6.7	0	5.8	6	7.0	0	6.2	6	7.4	0

2VP

Cast iron sheaves - **Light Duty**

Bored - to Size

2VP sheaves for 3L, 4L, 5L, A, B, and 5V belts.



Two Grooves Dimensions (Inches)

Part No.	O.D.	F		G		L	K	Bore	M	De	Avg. Wt.
		Max	Min	Max	Min						
2VP36	3.350	2.000	1.380	0.810	0.500	3.000	1.190	1/2, 5/8, 3/4, 7/8, 1, 1 1/8	2.000	2.62	3.8
2VP42	3.950	2.130	1.380	0.880	0.500	3.000	1.190	5/8, 3/4, 7/8, 1, 1 1/8	2.000	2.62	4.7
2VP50	4.750	2.130	1.380	0.880	0.500	3.000	1.190	5/8, 3/4, 7/8, 1, 1 1/8	2.125	2.75	6.3
2VP56	5.350	2.130	1.380	0.880	0.500	3.000	1.190	5/8, 3/4, 7/8, 1, 1 1/8	2.125	2.75	7.7
								1 3/8, 1 5/8	2.500	3.29	8.0
2VP60	6.000	2.380	1.630	1.030	0.660	3.250	1.250	3/4, 7/8, 1, 1 1/8	2.125	2.75	9.8
								1 3/8, 1 5/8	2.500	3.29	9.8
2VP62	5.950	2.130	1.380	0.880	0.500	3.000	1.190	3/4, 7/8, 1, 1 1/8	2.125	2.75	9.0
								1 3/8, 1 5/8	2.500	3.29	9.4
2VP65	6.500	2.380	1.630	1.030	0.660	3.250	1.250	3/4, 7/8, 1 1/8	2.125	2.75	11.0
								1 1/4, 1 3/8	2.500	3.29	12.2
2VP68	6.550	2.130	1.380	0.880	0.500	3.000	1.190	3/4, 7/8, 1, 1 1/8	2.125	2.75	10.5
								1 1/4, 1 3/8, 1 5/8	2.500	3.29	10.1
2VP71	7.100	2.380	1.630	1.030	0.660	3.250	1.250	3/4, 7/8, 1 1/8	2.125	2.75	13.4
								1 3/8, 1 5/8	2.500	3.29	14.3
2VP75	7.500	2.380	1.630	1.030	0.660	3.250	1.250	3/4, 7/8, 1 1/8	2.125	2.75	14.6
								1 3/8, 1 5/8	2.500	3.29	15.0

Installation Instructions

Part No.	Diameter Ranges (Inches)															
	" 3L " Belts				" 4L " or " A " Belts				" 5L " or " B " Belts				" 5V " Belts			
	Min Pitch	Turns Open	Max. Pitch	Turns Open	Min Datum	Turns Open	Max Datum	Turns Open	Min Datum	Turns Open	Max Datum	Turns Open	Min Pitch	Turns Open	Max. Pitch	Turns Open
2VP36	1.9	4	2.7	0	2.00	5	3.00	0	2.5	5	3.3	1	—	—	—	—
2VP42	2.5	4	3.3	0	2.60	5	3.60	0	2.9	6	3.9	1	—	—	—	—
2VP50	3.3	4	4.1	0	3.4	5	4.4	0	3.7	5	4.7	1	—	—	—	—
2VP56	3.9	4	4.7	0	4.0	5	5.0	0	4.3	6	5.3	1	—	—	—	—
2VP60	—	—	—	—	4.2	5	5.2	0	4.3	6	5.5	0	—	—	—	—
2VP62	4.5	4	5.3	0	4.6	5	5.6	0	4.9	6	5.9	1	5.30	6	6.3	1
2VP65	—	—	—	—	4.7	5	5.7	0	4.8	6	6.0	0	5.20	6	6.4	0
2VP68	5.1	4	5.9	0	5.2	5	6.2	0	5.5	6	6.5	1	5.90	6	6.9	1
2VP71	—	—	—	—	5.3	5	6.3	0	5.4	6	6.6	0	5.8	6	7.0	0
2VP75	—	—	—	—	5.7	5	6.7	0	5.8	6	7.0	0	6.2	6	7.4	0

Standard Keyway (Inch bore)

Bore range	Keyway (W x D)
1/2.	None
5/8 - 7/8	3/16 X 3/32
15/16 - 1 1/4	1/4 X 1/8

Bore range	Keyway (W x D)
1 5/16 - 1 3/8	5/16 X 5/32
1 7/16 - 1 3/4	3/8 X 3/16