



Find more information on Standard Keyway and Setscrew Machining on page 116.



6VPF3

Fixed-Bore Composite V-Belt Pulleys



- Spoke construction
- Standard keyway with $\frac{5}{16}$ -18 setscrew
- Sintered metal drive hub
- Directly interchangeable with industry standard AK sheaves

High-strength PowerMax DriveN V-belt pulleys are fiberglass-reinforced nylon construction that is lightweight, corrosion resistant, and can withstand high temperatures and abrasion. They are ready to install with included setscrews to secure to the shaft. Pulleys are often used in conveyor applications that require washdown.

Outside Dia.	4L or A Belt Pitch Dia.	Mr. Model*	Bore Diameter		
			% in Item No.	$\frac{1}{4}$ in Item No.	1 in Item No.
5.75 in	5.5 in	AFD59	6VPF3	6VPF4	6VPF5
7.25 in	7 in	AFD74	6VPF6	6VPF7	6VPF8
8.25 in	8 in	AFD84	6VPF9	6VPG0	6VPG1
9.25 in	9 in	AFD94	6VPG2	6VPG3	6VPG4
10.25 in	10 in	AFD104	6VPG5	6VPG6	6VPG7
10.98 in	10.73 in	AFD112	6VPG8	6VPG9	6VPH0
12.25 in	12 in	AFD124	6VPH1	6VPH2	6VPH3

* To complete Mr. Model, add Bore Dia.



Arm Construction
5RJG0



Web Construction
5UHD5



Solid Construction
5UHJ8



Bushed-Bore Light-Duty Cast-Iron V-Belt Pulleys

- Lightweight cast-iron construction
- Require QT quick-detachable bushings, sold separately on page 112

These pulleys need a bushing to mount to the drive shaft and adapt the bore, or center hole, to the shaft size. Cast-iron construction offers good wear resistance and absorbs heat. **AK** pulleys are compatible with A (4L) belts; **BK** pulleys are made for A (4L) or B (5L) belts. All pulleys are for use in many rotating mechanical power applications such as fans, pumps, air compressors, and conveyors.

Outside Dia.	3L Pitch Dia.	4L, A, or AX Belt Pitch Dia.	Maximum Bore Diameter	Construction	Mr. Model	Item No.
AK Series Single Groove						
7.75 in	7.41 in	7.75 in	1 $\frac{1}{16}$ in	Arm	AK79	6YRD0
7.25 in	6.91 in	7.25 in	1 $\frac{1}{16}$ in	Arm	AK74	6YRD1
9.25 in	8.91 in	9.25 in	1 $\frac{1}{16}$ in	Arm	AK94	6YRD2
6.75 in	6.41 in	6.75 in	9 $\frac{1}{16}$ in	Arm	AK69	6YRD3
6.45 in	6.11 in	6.45 in	1 $\frac{3}{8}$ in	Arm	AK66	6YRD4

Outside Dia.	4L, A, or AX Belt Pitch Dia.	5L, B, or BX Belt Pitch Dia.	Maximum Bore Diameter	Construction	Mr. Model	Item No.
BK Series Single Groove						
9.75 in	9.38 in	9.813 in	1 $\frac{1}{16}$ in	Arm	BK100	5RJG0
10.25 in	9.88 in	10.313 in	1 $\frac{1}{16}$ in	Arm	BK105	5RJG1
10.75 in	10.38 in	10.813 in	1 $\frac{1}{16}$ in	Arm	BK110	5RJG2
11.25 in	10.88 in	11.313 in	1 $\frac{1}{16}$ in	Arm	BK115	5RJG3
11.75 in	11.38 in	11.813 in	1 $\frac{1}{16}$ in	Arm	BK120	5RJG4
12.75 in	12.38 in	12.813 in	1 $\frac{1}{16}$ in	Arm	BK130	5RJG5
13.75 in	13.38 in	13.813 in	1 $\frac{1}{16}$ in	Arm	BK140	5RJG6
15.75 in	15.38 in	15.813 in	1 $\frac{1}{16}$ in	Arm	BK160	5RJG8
18.75 in	18.38 in	18.813 in	1 $\frac{1}{16}$ in	Arm	BK190	5RJG9
3.15 in	2.78 in	3.213 in	1 $\frac{1}{8}$ in	Solid	BK30	5RJJ2
3.35 in	2.98 in	3.413 in	1 $\frac{1}{8}$ in	Solid	BK32	5RJJ7
3.55 in	3.18 in	3.613 in	1 $\frac{1}{8}$ in	Solid	BK34	5RJK2
3.75 in	3.38 in	3.813 in	1 $\frac{1}{8}$ in	Web	BK36	5RJK7
3.95 in	3.58 in	4.013 in	1 $\frac{1}{8}$ in	Web	BK40	5RJL3
4.25 in	3.88 in	4.313 in	1 $\frac{1}{8}$ in	Web	BK45	5RJL9
4.45 in	4.08 in	4.513 in	1 $\frac{1}{8}$ in	Web	BK47	5UHD5
4.75 in	4.38 in	4.813 in	1 $\frac{1}{8}$ in	Web	BK50	5UHD6
4.95 in	4.58 in	5.013 in	1 $\frac{1}{8}$ in	Web	BK52	5UHE1
5.25 in	4.88 in	5.313 in	1 $\frac{1}{8}$ in	Web	BK55	5UHE7
5.45 in	5.08 in	5.513 in	1 $\frac{1}{8}$ in	Web	BK57	5UHE8
5.75 in	5.38 in	5.841 in	1 $\frac{3}{8}$ in	Web	BK60	5UHE9
5.95 in	5.58 in	6.013 in	1 $\frac{1}{8}$ in	Web	BK62	5UHF0
6.25 in	5.88 in	6.313 in	1 $\frac{1}{8}$ in	Web	BK65	5UHF1
6.45 in	6.08 in	6.513 in	1 $\frac{1}{8}$ in	Web	BK67	5UHF2
6.75 in	6.38 in	6.813 in	1 $\frac{1}{8}$ in	Arm	BK70	5UHF3
6.95 in	6.58 in	7.013 in	1 $\frac{1}{8}$ in	Arm	BK72	5UHF4
7.25 in	6.88 in	7.313 in	1 $\frac{1}{8}$ in	Arm	BK75	5UHF5
7.75 in	7.38 in	7.813 in	1 $\frac{1}{8}$ in	Arm	BK80	5UHF6
8.25 in	7.88 in	8.313 in	1 $\frac{1}{8}$ in	Arm	BK85	5UHF7
8.75 in	8.38 in	8.813 in	1 $\frac{1}{8}$ in	Arm	BK90	5UHF8
9.25 in	8.88 in	9.313 in	1 $\frac{1}{8}$ in	Arm	BK95	5UHF9
14.75 in	14.38 in	14.813 in	—	Arm	BK150	5RJG7
BK Series 2 Groove						
9.75 in	9.38 in	9.813 in	1 $\frac{1}{16}$ in	Arm	2BK100	5UHG6
10.75 in	10.38 in	10.813 in	1 $\frac{1}{16}$ in	Arm	2BK110	5UHG7
11.75 in	11.38 in	11.813 in	1 $\frac{1}{16}$ in	Arm	2BK120	5UHG8
12.75 in	12.38 in	12.813 in	1 $\frac{1}{16}$ in	Arm	2BK130	5UHG9
13.75 in	13.38 in	13.813 in	1 $\frac{1}{16}$ in	Arm	2BK140	5UHH0
15.75 in	15.38 in	16.226 in	1 $\frac{1}{16}$ in	Arm	2BK160	5UHH1
18.75 in	18.38 in	18.813 in	1 $\frac{1}{16}$ in	Arm	2BK190	5UHH2
3.35 in	2.98 in	3.413 in	1 $\frac{1}{8}$ in	Solid	2BK32	5UHH8
3.55 in	3.18 in	3.613 in	1 $\frac{1}{8}$ in	Solid	2BK34	5UHK2
3.75 in	3.38 in	3.813 in	1 $\frac{1}{8}$ in	Solid	2BK36	5UHK7
3.95 in	3.58 in	4.026 in	1 $\frac{1}{8}$ in	Solid	2BK40	5UHL2
4.25 in	3.88 in	4.313 in	1 $\frac{1}{8}$ in	Solid	2BK45	5UHL5
4.45 in	4.08 in	4.513 in	1 $\frac{1}{8}$ in	Web	2BK47	5UHL9
4.75 in	4.38 in	4.813 in	1 $\frac{1}{8}$ in	Web	2BK50	5UHN2
4.95 in	4.58 in	5.013 in	1 $\frac{1}{8}$ in	Web	2BK52	5UHN4
5.25 in	4.88 in	5.313 in	1 $\frac{1}{8}$ in	Web	2BK55	5UHN6
5.45 in	5.08 in	5.513 in	1 $\frac{1}{8}$ in	Web	2BK57	5UHN7
5.75 in	5.38 in	5.813 in	1 $\frac{1}{8}$ in	Web	2BK60	5UHN8
5.95 in	5.58 in	6.013 in	1 $\frac{1}{8}$ in	Web	2BK62	5UHN9
6.25 in	5.88 in	6.313 in	1 $\frac{1}{8}$ in	Arm	2BK65	5UHP0
6.45 in	6.08 in	6.513 in	1 $\frac{1}{8}$ in	Arm	2BK67	5UHP1
6.75 in	6.38 in	6.813 in	1 $\frac{1}{8}$ in	Arm	2BK70	5UHP2
7.75 in	7.38 in	7.813 in	1 $\frac{1}{8}$ in	Arm	2BK80	5UHP3
8.75 in	8.38 in	8.813 in	1 $\frac{1}{8}$ in	Arm	2BK90	5UHP4

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