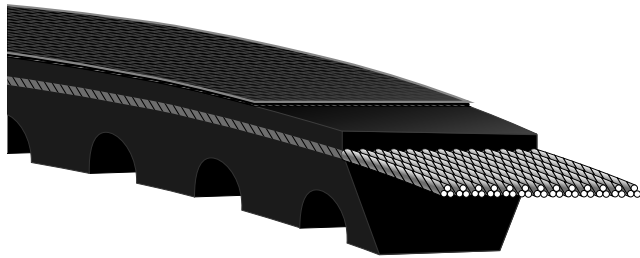


FHP



Part No: 4L560

4L 0.50" Top Width

560 56.0" Nominal Outside Length

Cut-Edge, Molded Cog Construction Shown

QUIET, SMOOTH-RUNNING, EXCEPTIONALLY ENERGY EFFICIENT

You no longer have to accept the lower energy efficiency associated with envelope belts on fractional horsepower light-duty drives. Advanced V-belt technology has resulted in the development of a cut-edge, molded cog construction which exceeds conventional envelope belts in every performance category except oil resistance. This has been confirmed in extensive testing which proves that our FHP V-belts run smoother and quieter, last longer, and substantially improve energy efficiency compared to noncogged belts.

COGGED FOR COOLER RUNNING

The cogged design of our FHP V-belts (standard on 4L and 5L sizes) provides a greater surface area for heat dissipation and allows increased air flow around the belt during operation. These factors help to reduce internal belt temperatures and greatly improve belt life. Of course, the cogged design also improves flexibility, an especially important consideration where minimum or substandard sheave diameters are involved.

LOW VIBRATION FOR LOW NOISE

Low cross section vibration in rubber-edged, cogged belts reduces noise generation. This allows you to take advantage of the longer life and high efficiency of FHP V-belts in noise-sensitive equipment. But even in typical factory settings, our FHP V-belts contribute to a quieter operating environment.

SUPERIOR EFFICIENCY FOR IMPROVED PERFORMANCE

The historic inefficiency of FHP drives can be traced directly to the inability of a relatively large envelope belt to transmit a low-power force efficiently. Transmission loss is especially significant in factories using large numbers of drives and where small diameter sheaves are involved. The aggregate loss can be significant enough to have an adverse effect on equipment performance.

APPLICATIONS

For light-duty fractional horsepower motors. Molded cogs allow for use in applications where the belt is expected to perform around smaller sheave diameters.

- Shop Equipment
- Home Appliances
- Light-Duty Machinery
- Blowers

KEY FEATURES & BENEFITS

- Universal classical profile.
- Engineered rubber cushion and insulation.
- Cut-edge, molded cogged construction.
- Heat, ozone, and abrasion resistant.

These FHP V-belts efficiency begins at 93% when used with smaller sheaves and increases dramatically as the sheave diameter increases (Figure 1). Since more of the rated power of the drive is delivered, actual performance nearly matches design performance.

In addition, the efficiency of our FHP V-belts offers you the opportunity to achieve full operating power requirements with a lower horsepower drive, reduced energy requirements, or both. These considerations can provide highly desirable economic advantages whether you're a drive manufacturer or a drive user.

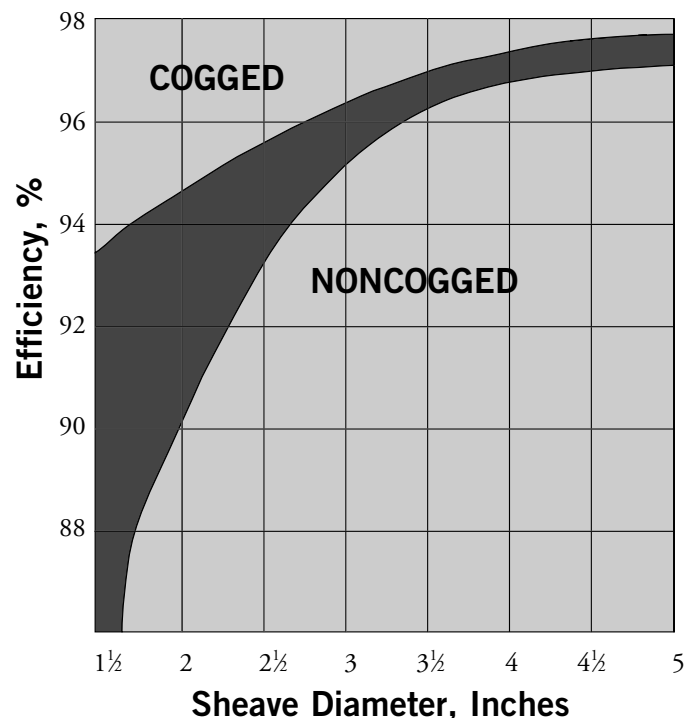
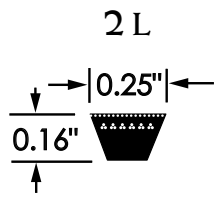


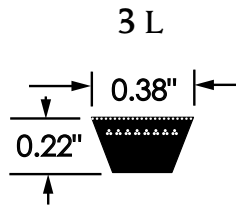
Figure 1 – Efficiency comparison of cogged vs. noncogged FHP V-belts (4L section).



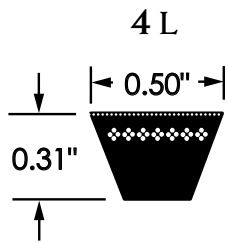
FHP



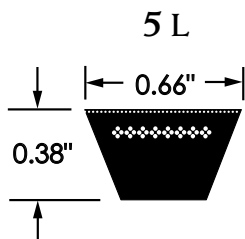
Part Number	Approx. Outside Length (in)	Part Number	Approx. Outside Length (in)	Part Number	Approx. Outside Length (in)	Part Number	Approx. Outside Length (in)
2L120	12	2L180	18	2L240	24	2L320	32
2L140	14	2L190	19	2L260	26		
2L150	15	2L200	20	2L300	30		
2L160	16	2L220	22	2L310	31		



Part Number	Approx. Outside Length (in)	Part Number	Approx. Outside Length (in)	Part Number	Approx. Outside Length (in)	Part Number	Approx. Outside Length (in)
3L120	12	3L270	27	3L430	43	3L580	58
3L130	13	3L280	28	3L440	44	3L590	59
3L140	14	3L290	29	3L450	45	3L600	60
3L150	15	3L300	30	3L460	46	3L610	61
3L160	16	3L310	31	3L470	47	3L620	62
3L170	17	3L320	32	3L480	48	3L630	63
3L180	18	3L330	33	3L490	49	3L640	64
3L190	19	3L340	34	3L500	50	3L650	65
3L200	20	3L350	35	3L510	51	3L660	66
3L210	21	3L360	36	3L520	52	3L670	67
3L220	22	3L370	37	3L530	53	3L690	69
3L230	23	3L380	38	3L540	54	3L730	73
3L240	24	3L390	39	3L550	55	3L740	74
3L250	25	3L400	40	3L560	56	3L760	76
3L260	26	3L420	42	3L570	57		



Part Number	Approx. Outside Length (in)	Part Number	Approx. Outside Length (in)	Part Number	Approx. Outside Length (in)	Part Number	Approx. Outside Length (in)
4L150	15	4L270	27	4L400	40	4L520	52
4L160	16	4L280	28	4L410	41	4L530	53
4L170	17	4L290	29	4L420	42	4L540	54
4L180	18	4L300	30	4L430	43	4L550	55
4L190	19	4L320	32	4L440	44	4L560	56
4L200	20	4L330	33	4L450	45	4L570	57
4L210	21	4L340	34	4L460	46	4L580	58
4L220	22	4L350	35	4L470	47	4L590	59
4L230	23	4L360	36	4L480	48	4L600	60
4L240	24	4L370	37	4L490	49		
4L250	25	4L380	38	4L500	50		
4L260	26	4L390	39	4L510	51		



Part Number	Approx. Outside Length (in)	Part Number	Approx. Outside Length (in)	Part Number	Approx. Outside Length (in)	Part Number	Approx. Outside Length (in)
5L230	23	5L330	33	5L430	43	5L530	53
5L240	24	5L340	34	5L440	44	5L540	54
5L250	25	5L350	35	5L450	45	5L550	55
5L260	26	5L360	36	5L460	46	5L560	56
5L270	27	5L370	37	5L470	47	5L570	57
5L280	28	5L380	38	5L480	48	5L580	58
5L290	29	5L390	39	5L490	49	5L590	59
5L300	30	5L400	40	5L500	50	5L600	60
5L310	31	5L410	41	5L510	51		
5L320	32	5L420	42	5L520	52		

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