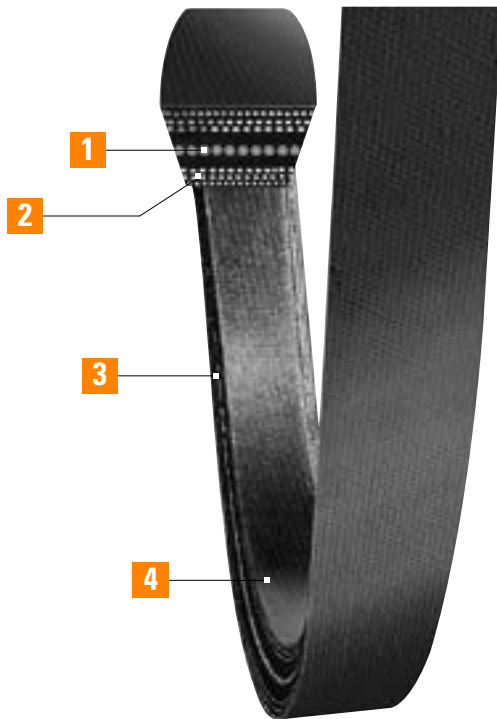


Durapower® II FHP V-Belt

Light Duty Fractional Horsepower Belt



1 Oversized Polyester Cord
High-modulus cord carries the horsepower load with minimum stretch. Specially treated to produce a long-lasting bond with the surrounding rubber assuring longer belt life. The central position contributes to greater flexibility and stability.

2 Premium Fabric
Multiple fabric plies, top and bottom, relieve stress on the load-carrying center cord for added flexibility.

3 Raw Edge Sidewalls
Produce a higher coefficient of friction and minimizes slippage. The gripping power provides higher energy efficiency and reduces vibration for extended component life.

4 EPDM Construction
Offers superior flex and load carrying capacity at high and low temperatures. EPDM is durable, static conductive and resistant to heat, hardening and glazing.

Recommended Pulleys:
FHP – Bore-to-Size, MST (AK, BK)

Unique CNA design

Flexible

Stable

Static conductive

Energy efficient

Resistant to hardening and glazing

Broad operating temperature range

Low maintenance and downtime

Applications:

Fractional horsepower motors

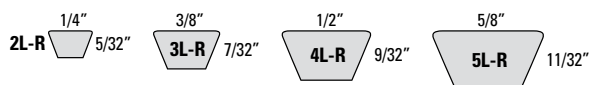
HVAC

Fans

& More

Durapower® II FHP V-Belt

Light Duty Fractional Horsepower Belt



Light duty v-belt designed for fractional horsepower (FHP) applications is made of Ethylene Propylene Diene Monomer (EPDM). Durapower II v-belts combine the advantages of EPDM, raw edge technology, and Central Neutral Axis (CNA) construction for superior performance and efficiency.

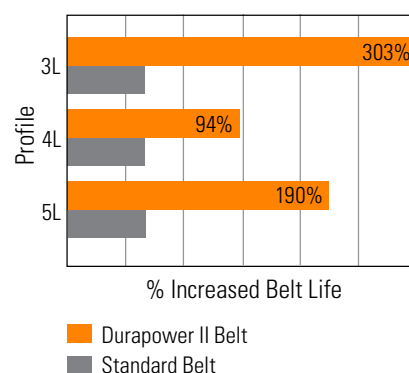
FHP raw edge v-belt made of EPDM (Ethylene Propylene Diene Monomer) and CNA (Central Neutral Axis) cord placement creates a flexible, stable and efficient v-belt. Specially formulated fiber-loaded EPDM rubber compounds and high-modulus polyester cord offer greater strength, longer life, better heat dissipation and higher efficiencies than best-in-class wrapped fhp v-belts.

EPDM is durable, heat resistant, static conductive and resistant to hardening and glazing. The unique CNA cord placement positions the strength of the belt lower on the pulleys to maintain stability and prevent roll-over. The raw edge construction results in more efficient power transmission and reduced energy loss. Multiple fabric plies, top and bottom, relieve stress on the load-carrying center cord for added flexibility.

- High performance alternative to wrapped v-belts
- Unique design for long belt life
- Grip with controlled slippage
- Low maintenance and downtime
- More energy efficient than wrapped v-belts
- Static conductive
- Resistant to hardening and glazing
- Broad operating temperature range (-50°F to +250°F)

Note: Aramax® Xtra Duty v-belt with Aramid cord is also available in a 3L-K cross section. See page: 172.

Belt Life Comparison



Durapower® II FHP V-Belt

Light Duty Fractional Horsepower Belt

Durapower® II FHP Belt Part Numbers

Part Number Example: **4L200R** = **4L** **200** **R**
Cross Section Outside Circumference (inches in tenths: 20.0) Raw Edge Construction

Part Number	Outside Circumference (inches)	Outside Circumference (mm)	Weight (lbs.)
2L Section Recommended Pulleys: FHP – Bore-to-Size, MST (AK, BK)			
2L110R	11	279	0.1
2L120R	12	305	0.1
2L140R	14	356	0.1
2L150R	15	381	0.1
2L160R	16	406	0.1
2L200R	20	508	0.1
2L230R	23	584	0.1
2L250R	25	635	0.1
2L360R	36	914	0.1
3L Section Recommended Pulleys: FHP – Bore-to-Size, MST (AK, BK)			
3L150†	15	381	0.1
3L160†	16	406	0.1
3L170†	17	432	0.1
3L180†	18	457	0.1
3L190R	18.7	475	0.1
3L200R	20	508	0.1
3L210R	20.9	531	0.1
3L220R	21.9	556	0.1
3L230R	22.8	579	0.1
3L240R	23.8	605	0.1
3L250R	24.7	627	0.1
3L260R	26	660	0.1
3L270R	26.9	683	0.1
3L280R	27.9	709	0.1
3L290R	28.8	732	0.1
3L300R	29.8	757	0.1
3L310R	31	787	0.1
3L320R	32	813	0.1
3L330R	32.9	836	0.1
3L340R	33.9	861	0.1
3L350R	34.8	884	0.1
3L360R	35.8	909	0.1

† Available in wrapped construction only.

www.TimkenBelts.com

Part Number	Outside Circumference (inches)	Outside Circumference (mm)	Weight (lbs.)
3L Section Recommended Pulleys: FHP – Bore-to-Size, MST (AK, BK)			
3L370R	36.9	937	0.1
3L380R	38	965	0.1
3L390R	38.9	988	0.1
3L400R	39.9	1014	0.1
3L410R	40.8	1036	0.1
3L420R	42.1	1069	0.1
3L430R	43	1092	0.1
3L440R	44	1118	0.2
3L450R	44.9	1141	0.2
3L460R	45.9	1166	0.2
3L470R	46.8	1189	0.2
3L480R	47.8	1214	0.2
3L490R	49	1245	0.2
3L500R	50	1270	0.2
3L510R	50.9	1293	0.2
3L520R	51.9	1318	0.2
3L530R	52.8	1341	0.2
3L540R	53.7	1364	0.2
3L550R	54.7	1389	0.2
3L560R	56	1422	0.2
3L570R	56.9	1445	0.2
3L580R	57.8	1468	0.2
3L590R	58.8	1494	0.2
3L600R	59.7	1516	0.2
3L610R	61	1549	0.2
3L620R	61.9	1572	0.2
3L630R	62.9	1598	0.2
3L670R	67	1702	0.2
3L690R	68.9	1750	0.2
3L710R	70.8	1798	0.2
3L740R	73.9	1877	0.3
3L750R	74.9	1903	0.3

TIMKEN BELTS

Durapower® II FHP V-Belt

Light Duty Fractional Horsepower Belt

Durapower® II FHP Belt Part Numbers

Part Number	Outside Circumference (inches)	Outside Circumference (mm)	Weight (lbs.)
4L Section Recommended Pulleys: FHP – Bore-to-Size, MST (AK, BK)			
4L160†	16	406	0.1
4L170†	17	432	0.1
4L180†	18	457	0.1
4L190R	18.9	480	0.1
4L200R	19.9	506	0.1
4L210R	20.8	528	0.1
4L220R	21.7	551	0.1
4L230R	23	584	0.1
4L240R	23.9	607	0.1
4L250R	24.8	630	0.1
4L260R	25.8	655	0.1
4L270R	27	686	0.2
4L280R	28	711	0.2
4L290R	28.9	734	0.2
4L300R	29.9	760	0.2
4L305R	30.2	767	0.2
4L310R	30.8	782	0.2
4L315R	31.1	790	0.2
4L320R	31.8	808	0.2
4L330R	33	838	0.2
4L340R	33.9	861	0.2
4L350R	34.9	887	0.2
4L360R	35.8	909	0.2
4L370R	36.8	935	0.2
4L380R	37.7	958	0.2
4L390R	38.9	988	0.2
4L400R	39.9	1014	0.2
4L410R	40.8	1036	0.2
4L420R	41.8	1062	0.2
4L430R	42.7	1085	0.2
4L440R	43.7	1110	0.3
4L450R	44.9	1141	0.3
4L460R	45.9	1166	0.3

Part Number	Outside Circumference (inches)	Outside Circumference (mm)	Weight (lbs.)
4L Section Recommended Pulleys: FHP – Bore-to-Size, MST (AK, BK)			
4L470R	46.9	1191	0.3
4L480R	47.7	1212	0.3
4L490R	48.7	1237	0.3
4L500R	49.9	1268	0.3
4L510R	50.8	1290	0.3
4L515R	51.4	1306	0.3
4L520R	51.7	1313	0.3
4L530R	52.7	1339	0.3
4L540R	53.7	1364	0.3
4L550R	54.9	1395	0.3
4L560R	55.8	1417	0.3
4L570R	56.8	1443	0.3
4L580R	57.8	1468	0.3
4L590R	59	1499	0.3
4L600R	59.9	1522	0.3
4L610R	60.9	1547	0.4
4L620R	61.7	1567	0.4
4L630R	63	1600	0.4
4L640R	63.9	1623	0.4
4L650R	64.8	1646	0.4
4L660R	65.7	1669	0.4
4L670R	66.7	1694	0.4
4L680R	67.7	1720	0.4
4L690R	68.6	1742	0.4
4L700R	69.7	1770	0.4
4L710R	70.9	1801	0.4
4L720R	71.8	1824	0.4
4L730R	72.8	1849	0.4
4L740R	73.8	1875	0.4
4L750R	74.7	1897	0.4
4L760R	76	1930	0.4
4L770R	77	1956	0.4
4L780R	77.9	1979	0.4

† Available in wrapped construction only.

Durapower® II FHP V-Belt

Light Duty Fractional Horsepower Belt

Part Number Example: **5L460R** = **5L** **460** **R**
 Cross Section Outside Circumference (inches in tenths: 46.0) Raw Edge Construction

Part Number	Outside Circumference (inches)	Outside Circumference (mm)	Weight (lbs.)
4L Section Recommended Pulleys: FHP – Bore-to-Size, MST (AK, BK)			
4L790R	78.8	2002	0.5
4L800R	79.8	2027	0.5
4L810R	80.9	2055	0.5
4L820R	81.8	2078	0.5
4L830R	82.8	2103	0.5
4L840R	83.7	2126	0.5
4L850R	84.7	2151	0.5
5L Section Recommended Pulleys: FHP – Bore-to-Size, MST (AK, BK)			
5L230R	23	584	0.2
5L240R	23.9	607	0.2
5L250R	24.9	633	0.2
5L260R	26.1	663	0.2
5L270R	27.1	688	0.2
5L280R	28.1	714	0.2
5L290R	29	737	0.3
5L300R	29.9	760	0.3
5L310R	31.2	793	0.3
5L320R	31.8	808	0.3
5L330R	33.1	841	0.3
5L340R	33.7	856	0.3
5L350R	35	889	0.3
5L360R	35.9	912	0.3
5L370R	36.9	937	0.3
5L380R	37.8	960	0.3
5L390R	38.7	983	0.3
5L400R	40	1016	0.4
5L410R	41	1041	0.4
5L420R	41.9	1064	0.4
5L430R	42.8	1087	0.4
5L440R	44.1	1120	0.4
5L450R	45	1143	0.4
5L460R	46	1168	0.4

Part Number	Outside Circumference (inches)	Outside Circumference (mm)	Weight (lbs.)
5L Section Recommended Pulleys: FHP – Bore-to-Size, MST (AK, BK)			
5L470R	47.3	1201	0.4
5L480R	48.2	1224	0.4
5L490R	49.1	1247	0.4
5L500R	50.1	1273	0.4
5L510R	51	1295	0.4
5L520R	52	1321	0.5
5L530R	52.9	1344	0.5
5L540R	53.9	1369	0.5
5L550R	55.1	1400	0.5
5L560R	55.8	1417	0.5
5L570R	57	1448	0.5
5L580R	58	1473	0.5
5L590R	58.9	1496	0.5
5L600R	59.8	1519	0.5
5L610R	60.8	1544	0.5
5L620R	62.1	1577	0.5
5L630R	63	1600	0.6
5L640R	63.9	1623	0.6
5L650R	64.9	1649	0.6
5L660R	66.1	1679	0.6
5L670R	66.8	1697	0.6
5L680R	68	1727	0.6
5L690R	69	1753	0.6
5L700R	69.9	1776	0.6
5L710R	70.9	1801	0.6
5L720R	72.1	1831	0.6
5L730R	73.1	1857	0.6
5L740R	74	1880	0.6
5L750R	75	1905	0.6
5L760R	75.9	1928	0.7
5L770R	76.9	1953	0.7
5L780R	78.1	1984	0.7
5L790R	79.1	2009	0.7

Durapower® II FHP V-Belt

Light Duty Fractional Horsepower Belt

Durapower® II FHP Belt Part Numbers

Part Number	Outside Circumference (inches)	Outside Circumference (mm)	Weight (lbs.)
5L Section Recommended Pulleys: FHP – Bore-to-Size, MST (AK, BK)			
5L800R	80	2032	0.7
5L810R	81	2057	0.7
5L820R	81.9	2080	0.7
5L830R	82.8	2103	0.7
5L840R	84.1	2136	0.7
5L850R	85	2159	0.8

