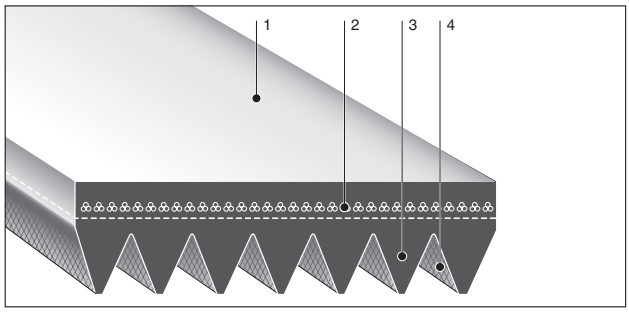
BANDO POLYBANROPE



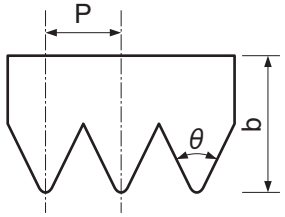
Construction

1: Chloroprene backside rubber
2: Polyester tensile members
3: Chloroprene compression rubber
4: Rubber impregnated canvas (except J Type)

Features + Benefits

- High horsepower rating.
  BANDO POLYBANROPE have a 30-50% higher HP rating than multiple V belts.
- Space saving
  Pulleys with outside diameters as small as 0.8" can be used. (Type J)
- Lower vibration than flat belts.
  Comparable to flat belts.
- Oil and heat resistant.

Dimensions



Type	Thickness b		Angle θ	Pitch (p)	
	mm	inch		mm	inch
J	4.0	0.16	40˚	2.4	0.092
L	9.0	0.34	40˚	4.8	0.185
M	16.5	0.65	40˚	9.6	0.370

Size mark

410 L 5

- 5 — Number of ribs
- L — Type
- 410 — Effective pitch length in inches × 10 (41" × 10=410)

Standard Sizes

Type	belt number	Effective length		belt number	Effective length		belt number	Effective length	
		mm	inch		mm	inch		mm	inch
J	108J	274.3	10.8	245J	622.3	24.5	360J	114.4	36.0
	117J	297.2	11.7	251J	637.5	25.1	370J	939.8	37.0
	132J	335.3	13.2	260J	660.4	26.0	380J	965.2	38.0
	140J	355.6	14.0	278J	706.1	27.8	390J	990.0	39.0
	159J	403.9	15.9	280J	711.2	28.0	400J	1016.0	40.0
	180J	457.2	18.0	300J	762.0	30.0	430J	1092.2	43.0
	190J	482.6	19.0	307J	779.8	30.7	450J	1143.0	45.0
	199J	505.5	19.9	315J	800.1	31.5	460J	1168.4	46.0
	210J	533.4	21.0	323J	820.4	32.3	470J	1193.8	47.0
	220J	558.8	22.0	330J	838.2	33.0	474J	1204.0	47.4
	224J	569.0	22.4	337J	856.0	33.7	490J	1244.6	49.0
	235J	596.9	23.5	340J	863.6	34.0	520J	1320.8	52.0
	240J	609.0	24.0	350J	889.0	35.0	530J	1346.2	53.0
L	214L	543.6	21.4	410L	1041.4	41.0	730L	1854.2	73.0
	241L	612.1	24.1	415L	1054.1	41.5	750L	1905.0	75.0
	260L	660.4	26.0	417L	1059.2	41.7	780L	1981.2	78.0
	277L	703.6	27.7	423L	1074.4	42.3	815L	2070.1	81.5
	290L	736.6	29.0	470L	1193.8	47.0	835L	2120.9	83.5
	327L	830.6	32.7	490L	1244.6	49.0	865L	2197.1	86.5
	337L	856.0	33.7	515L	1308.1	51.5	932L	2367.3	93.2
	344L	873.8	34.4	530L	1346.2	53.0	975L	2476.5	97.5
	347L	881.4	34.7	540L	1371.6	54.0	1016L	2580.6	101.6
	348L	883.9	34.8	570L	1447.8	57.0	1063L	2700.0	106.3
	358L	909.3	35.8	600L	1524.0	60.0	1120L	2844.8	112.0
	362L	919.5	36.2	615L	1562.1	61.5	1200L	3048.0	120.0
	376L	955.0	37.6	650L	1651.0	65.0	1480L	3759.2	148.0
	386L	980.4	38.6	680L	1727.2	68.0			
	395L	1003.3	39.5	690L	1752.6	69.0			
M	417M	1059.2	41.7	851M	2161.5	85.1	1310M	3327.4	131.0
	557M	1414.8	55.7	878M	2230.1	87.8	1470M	3733.8	147.0
	630M	1600.2	63.0	990M	2514.6	99.0	1900M	4826.0	190.0
	652M	1656.1	65.2	1150M	2921.0	115.0			
	756M	1920.2	75.6	1230M	3124.2	123.0			

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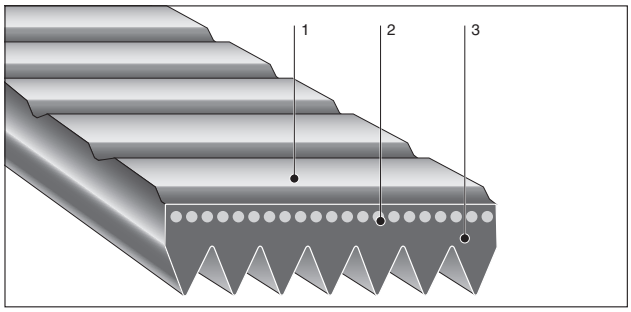


Construction

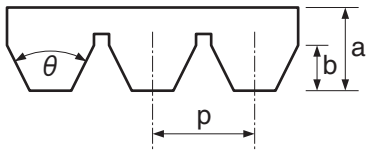
1: Polyurethane
2: Polyamid tensile members
3: Polyurethane

Features + Benefits

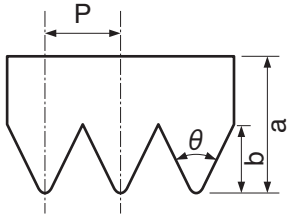
- Suitable to fixed center distance applications.
  Belt's elasticity allows easy installation on fixed center distance pulleys without tools.
- Withstands high shock load.
  Polyamid tensile members protect belts from shock load damage, making them well-suited for small machines and other high speed/high shock load applications.
- High speed.
- Space saving
  Small pulley requirement permits smaller, more compact designs.

Dimensions

(H type)

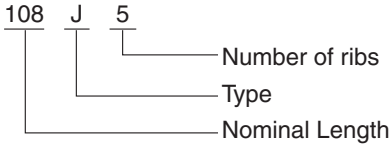


(J type)



Type	Pitch P	Total thickness a	Rib thickness b	Angle θ
H	1.6mm (0.063")	2.5mm (0.098")	1.0mm (0.039")	40°
J	2.4mm (0.094")	4.0mm (0.157")	2.3mm (0.091")	40°

Size mark



Standard Sizes

Type	Belt number	Pitch length mm	Pitch length inch	Belt number	Pitch length mm	Pitch length inch	Belt number	Pitch length mm	Pitch length inch
H (Polyurethane)	63H			132H	335.3	13.2	200H	508.0	20.0
	71H			136H	345.4	13.6	214H	543.2	21.4
	80H	203.2	8.0	140H	355.6	14.0	215H	547.0	21.5
	85H	215.9	8.5	147H	373.4	14.7	221H	562.0	22.1
	90H	228.8	9.0	150H	381.0	15.0	230H	584.2	23.0
	95H	241.3	9.5	160H	406.4	16.0	235H	596.9	23.5
	100H	254.0	10.0	170H	431.8	17.0	304H	772.2	30.4
	106H	269.2	10.6	180H	457.2	18.0			
	112H	285.4	11.2	190H	482.6	19.0			
	118H	299.7	11.8						
	125H	317.5	12.5						
J (Polyurethane)	81J	205.3	8.1	135J	343.8	13.5	236J	599.4	23.6
	82J	209.1	8.2	139J	351.5	13.8	250J	630.8	24.8
	85J	215.9	8.5	142J	363.3	14.3	260J	660.4	26.0
	90J	228.6	9.0	145J	368.3	14.5	264J	670.0	26.4
	95J	241.3	9.5	153J	389.3	15.3	280J	711.2	28.0
	97J	247.3	9.7	160J	406.4	16.0	300J	762.0	30.0
	99J	251.3	9.9	171J	431.3	17.0	312J	792.5	31.2
	108J	273.8	10.8	175J	442.3	17.4	318J	807.7	31.8
	116J	293.5	11.6	180J	457.2	18.0	323J	819.3	32.3
	117J	297.0	11.7	189J	480.2	18.9			
	122J	309.9	12.2	194J	492.8	19.4			
	125J	317.5	12.5	201J	510.5	20.1			
	130J	330.0	13.0	234J	594.0	23.4			

Some sizes are not equal for actual pitch length (inch).