

Hexagonal Belts





The hexagonal belt or double-sided v-belt is a specially constructed belt, which provides wedging action from both the sides of the belt. The construction of a hexagonal belt resembles two v-belts bonded back to back. The tensile member runs through the very centre of the belt's overall depth.

This range of belts is manufactured in AA, BB, CC and 25 sections; conforming to international standards IS 11038, ISO 5289, RMA IP 21. The belt is wrapped with a strong, wear resistant, bias cut, neoprene rubberized fabric.

These belts give a solution for drives incorporating multiple pulleys in a plane with different direction of rotations – sometimes known as “serpentine” drives. Using both sides of the belt it is possible to transmit power to and from pulleys rotating in both clockwise and anti-clockwise directions. These belts are most commonly found on the “deck” drive of large grass cutters, but they are used in many other industrial and agricultural applications.

Features & Benefits

- Antistatic. Oil & Heat Resistant
- Temperature Range: -18°C to +80°C
- Maximum belt linear speed:30 m/sec
- Manufactured to IS-11038, ISO-5289 and RMA IP-21 standard

CLASSICAL SECTION : AA

Hexagonal Wrapped V-Belts
Standard : ISO 5289

Features :

- Oil Resistant
- Antistatic
- Temperature range : -18°C to +80°C
- Maximum belt speed up to 30 m/sec

Useful Information

Manufacturing Range

- 43 - 260 inches (Li)

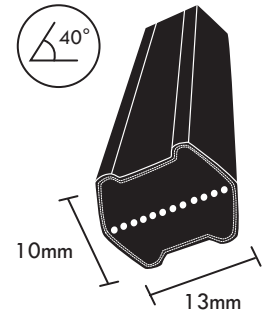
Rec. Min Pulley Dia.

- 80 dp (mm)

Weight per metre (Kgs)

- 0.150

Belt Ref	Pitch Length (mm)	Li (inches)	Belt Ref	Pitch Length (mm)	Li (inches)	Belt Ref	Pitch Length (mm)	Li (inches)	Belt Ref	Pitch Length (mm)	Li (inches)
AA 51	1331	51	AA 73	1890	73	AA 88	2271	88	AA 112	2881	112
AA 53	1382	53	AA 75	1941	75	AA 90	2322	90	AA 120	3084	120
AA 58	1509	58	AA 76	1966	76	AA 91	2347	91	AA 128	3287	128
AA 60	1560	60	AA 77	1992	77	AA 95	2449	95	AA 146	3744	146
AA 65	1687	65	AA 78	2017	78	AA 96	2474	96	AA 152	3897	152
AA 66	1712	66	AA 80	2068	80	AA 102	2627	102	AA 180	4608	180
AA 68	1763	68	AA 83	2144	83	AA 103	2652	103	AA 185	4735	185
AA 70	1814	70	AA 85	2195	85	AA 105	2703	105			
AA 71	1839	71	AA 87	2246	87	AA 108	2779	108			



CLASSICAL SECTION : BB

Hexagonal Wrapped V-Belts
Standard : ISO 5289

Features :

- Oil Resistant
- Antistatic
- Temperature range : -18°C to +80°C
- Maximum belt speed up to 30 m/sec

Useful Information

Manufacturing Range

- 40 - 660 inches (Li)

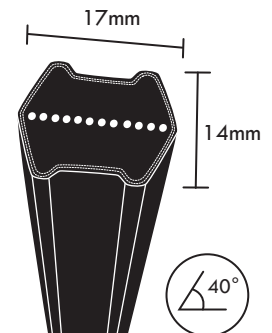
Rec. Min Pulley Dia.

- 125 dp (mm)

Weight per metre (Kgs)

- 0.226

Belt Ref	Pitch Length (mm)	Li (inches)	Belt Ref	Pitch Length (mm)	Li (inches)	Belt Ref	Pitch Length (mm)	Li (inches)	Belt Ref	Pitch Length (mm)	Li (inches)
BB 75	1948	75	BB 111	2862	111	BB 137	3523	137	BB 174	4463	174
BB 81	2100	81	BB 112	2888	112	BB 141	3624	141	BB 180	4615	180
BB 83	2151	83	BB 115	2964	115	BB 144	3701	144	BB 184	4717	184
BB 85	2202	85	BB 116	2989	116	BB 145	3726	145	BB 194	4971	194
BB 88	2278	88	BB 120	3091	120	BB 146	3751	146	BB 195	4996	195
BB 90	2329	90	BB 121	3116	121	BB 154	3955	154	BB 210	5377	210
BB 95	2456	95	BB 125	3218	125	BB 155	3980	155	BB 240	6139	240
BB 97	2507	97	BB 126	3243	126	BB 156	4005	156	BB 270	6901	270
BB 99	2558	99	BB 128	3294	128	BB 158	4056	158	BB 300	7663	300
BB 101	2608	101	BB 131	3370	131	BB 162	4158	162	BB 310	7917	310
BB 105	2710	105	BB 133	3421	133	BB 163	4183	163			
BB 108	2786	108	BB 135	3472	135	BB 173	4437	173			



CLASSICAL SECTION : CC

Hexagonal Wrapped V-Belts
Standard : ISO 5289

Features :

- Oil Resistant
- Antistatic
- Temperature range : -18°C to +80°C
- Maximum belt speed up to 30 m/sec

Useful Information

Manufacturing Range

- 73 - 658 inches (Li)

Rec. Min Pulley Dia.

- 224 dp (mm)

Weight per metre (Kgs)

- 0.386

Belt Ref	Pitch Length (mm)	Li (inches)	Belt Ref	Pitch Length (mm)	Li (inches)	Belt Ref	Pitch Length (mm)	Li (inches)	Belt Ref	Pitch Length (mm)	Li (inches)
CC 75	1961	75	CC 94	2444	94	CC 119	3079	119	CC 135	3485	135
CC 81	2113	81	CC 96	2494	96	CC 120	3104	120	CC 144	3714	144
CC 85	2215	85	CC 105	2723	105	CC 122	3155	122	CC 153	3942	153
CC 86	2240	86	CC 106	2748	106	CC 126	3256	126	CC 158	4069	158
CC 90	2342	90	CC 112	2901	112	CC 128	3307	128	CC 162	4171	162
									CC 165	4247	165
									CC 173	4450	173
									CC 180	4628	180
									CC 189	4857	189
									CC 193	4958	193

Belt Ref	Pitch Length (mm)	Li (inches)
CC 195	5009	195
CC 204	5238	204
CC 206	5288	206
CC 210	5390	210
CC 224	5746	224
CC 234	6000	234
CC 240	6152	240

Belt Ref	Pitch Length (mm)	Li (inches)
CC 270	6914	270
CC 300	7676	300
CC 313	8006	313
CC 330	8438	330
CC 360	9200	360
CC 390	9962	390
CC 420	10724	420

