4.1 Catenary sag

4.1.1 Catenary sag with return roller
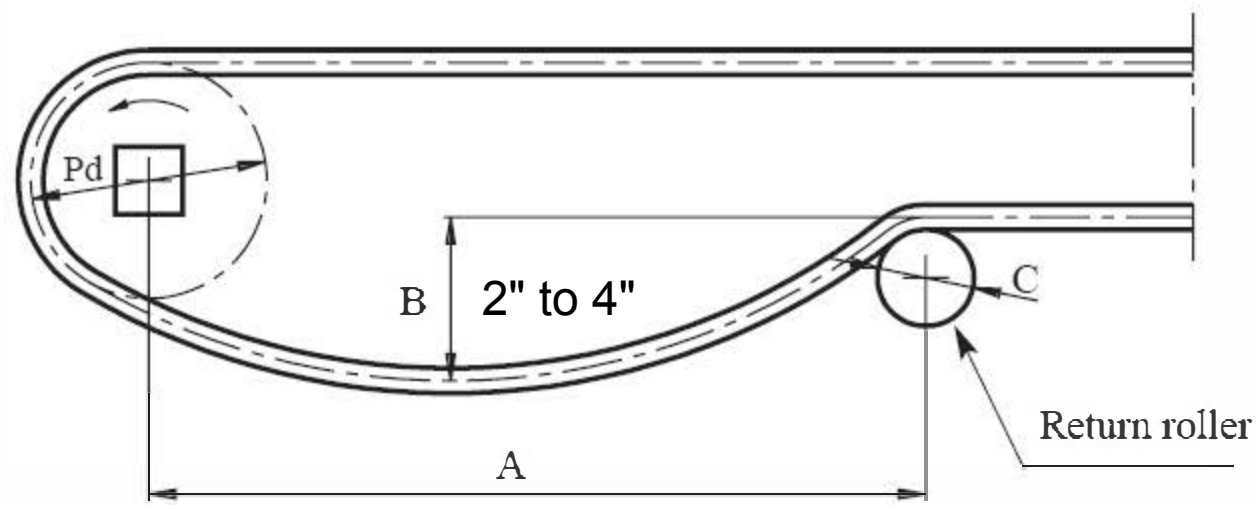
Pd = Pitch diameter

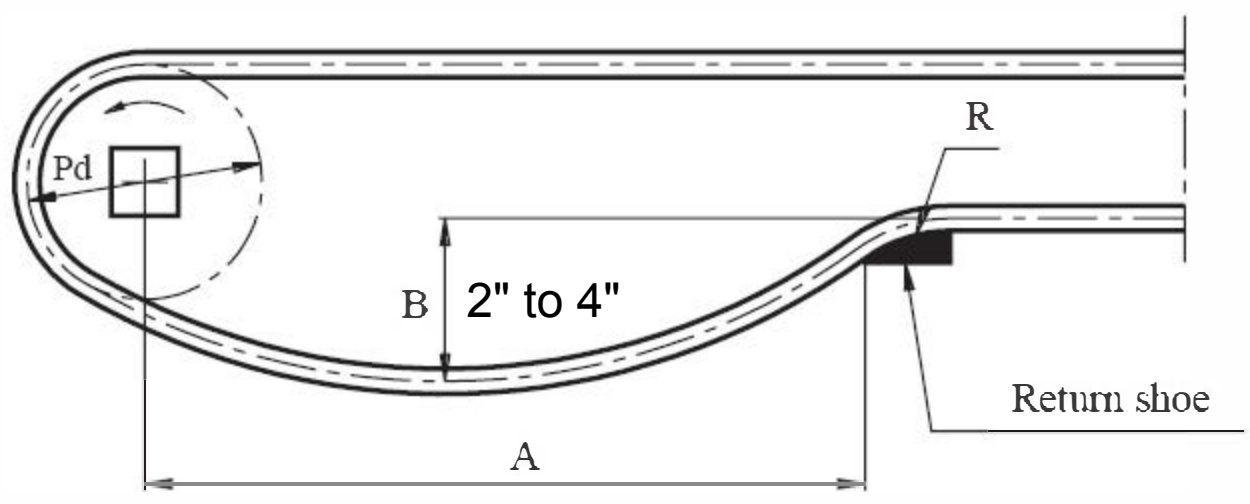|	mm	inch
A min.	500	19.7
B min.	~~X~~	~~X~~
C min.	ø40	ø1.6

Used where there are no heavy demands on transfers.

This traction method should be avoided in ~~uni Flex SNB~~ conveyors with heavy loads as the relatively small engagemnet and the "loose" belt can cause the belt to disengage from the sprockets.

This method is economical and, to a great extent, used in traditional belt conveyors.

4.1.2 Catenary sag with return shoe

Pd = Pitch diameter

	mm	inch
A min.	500	19.7
B min.	~~X~~	~~X~~
R min.	20	0.8

The same layout as above except for the return shoe ensuring the belt is fed properly into the return profiles.

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