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Question:

Compare cross belt drive and open belt drive on the basis of:

(i) Velocity ratio.

(ii) Direction of driven pulley.

(iii) Length of belt drives

(iv) Application.

Answer:

Comparison between cross and open belt drive:

Sr. No.	Parameter	Cross belt drive	Open belt drive
01	Velocity ratio	High	Low
02	Direction of driven pulley	Same as driver pulley	Opposite to driven pulley
03	Length of belt drive	Long	Short
04	Application	Large amount of power to be transmitted	Less amount of power to be transmitted
