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Thanks for visiting our site,

Chris Haslego
President
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***Content Based
Chemical Engineering***

ENGINEERING DESIGN CALCULATION - DENNIS KIRK

DRIVE BELT LENGTH CALCULATION

V2.100

By: D. Kirk

Project:

Drive:

Enter as mm or inches

Large Wheel Diameter	D	900	mm	36	in
Small Wheel Diameter	d	500	mm	20	in
Wheel Center Distance	C	2643	mm	103	in

If L is Known then	L'	7500	mm	295	in
use Trial C	C'	2643	mm	103	in

Belt Angle	a	4.34	deg	4.45	deg
Belt Length	L	7500	mm	295	in
Contact Arc on D	Da	188.68	deg	188.91	deg
Contact Arc on d	da	171.32	deg	171.09	deg

