I. Current available dimensions with the associated elongations and frequencies

	Pulley diameter	Center distance	Belt effective length	Pulley diameter	Center distance	Belt effective length	Elongation	Frequency
D263	mm			inch			%	Hz
	38.1	68.7	257	1.5''	2.7''	10.12''	4	[311 ; 423]
	38.1	69.4	259	1.5''	2.73''	10.2''	4.5	[343 ; 468]
	38.1	70	260	1.5''	2.76''	10.24''	5	[368 ; 501]
	38.1	70.6	261	1.5''	2.78''	10.28''	5.5	[391 ; 532]
	38.1	71.2	262	1.5''	2.8''	10.31''	6	[412 ; 561]
	Pulley diameter	Center distance	Belt effective length	Pulley diameter	Center distance	Belt effective length	Elongation	Frequency
D271	mm			inch			%	Hz
	38.1	72.8	265	1.5''	2.87''	10.43''	4	[294 ; 401]
	38.1	73.6	267	1.5''	2.9''	10.51''	4.5	[328 ; 447]
	38.1	74.2	268	1.5''	2.92''	10.55''	5	[351 ; 478]
	38.1	74.9	270	1.5''	2.95''	10.63''	5.5	[375 ; 510]
	38.1	75.5	271	1.5''	2.97''	10.67''	6	[394 ; 536]
	Pulley diameter	Center distance	Belt effective length	Pulley diameter	Center distance	Belt effective length	Elongation	Frequency
D277	mm			inch			%	Hz
	38.1	76	272	1.5''	2.99''	10.7''	4	[290 ; 396]
	38.1	76.6	273	1.5''	3.02''	10.74''	4.5	[314 ; 428]
	38.1	77.3	274	1.5''	3.04''	10.8''	5	[339 ; 461]
	38.1	78	276	1.5''	3.07''	10.85''	5.5	[361 ; 492]
	38.1	78.7	277	1.5''	3.1''	10.91''	6	[382 ; 520]

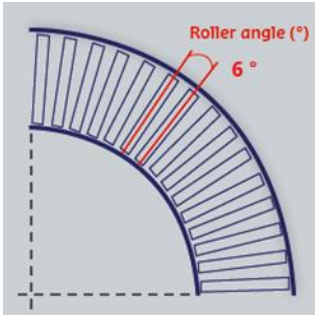
II. Utilization conditions

a. Application length

The application length of CONVEYDYN® belts must respect the range indicated previously in part I.

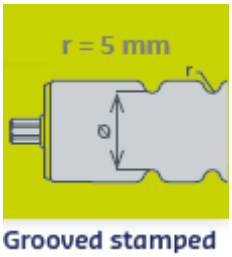
b. Roller angle

CONVEYDYN® belts are designed for a roller angle up to 6 °. (It is possible to go further than 6° angle but an analysis must be done by Hutchinson to validate it).



c. Pulley type

We recommend using for our CONVEYDYN® products a metallic grooved stamped roller with a groove radius of 5 mm.



Grooved stamped

d. Temperature

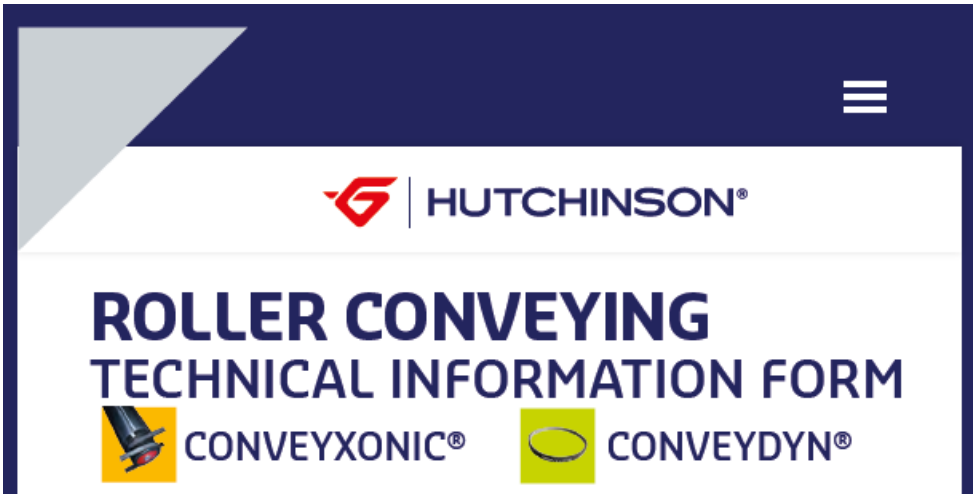
CONVEYDYN® belts can be used in a range between -30°C and 80°C. (-22°F to 176°F)

III. Annex

a. *Technical Information Form*

For any of your applications, do not hesitate to contact us at the contact address in Annex b and provide us your layout information with the help of our Technical Information Form for Conveying application so we can propose you the best solution for your system.

Link : https://www.hutchinsontransmission.com/download?popup=1&f=3732&n=1353



b. *Contact (For NAFTA)*

i. Amir CHEKKAL
Belt drive systems-Technical Development Supervisor
Email : amir.chekkal@hutchinson.com
Phone : +1 947 955 6499

ii. Naïm KHOUZIMI
Belt Drive System – Application Engineer Jr
Email : naim.khouzimi@hutchinson.com
Phone : +1 (248) 829-9701

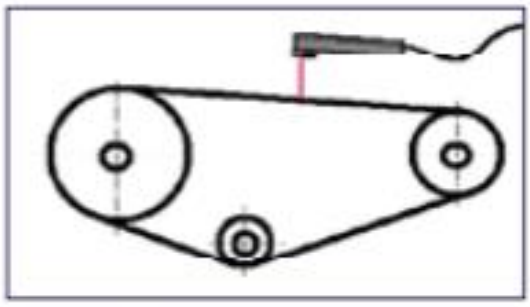
Based in 3201 Cross Creak Parkway, Auburn Hills, MI, 48326

c. Frequency measurement

To measure your belt frequency, which can permit to know if your belt is in the good range of tension in your application, Hutchinson (met a votre disposition) two toolings :

1. Easytec

The best method is our tooling Easytec with a better accuracy to obtain your frequency, you can also measure your tension with this tooling with better accuracy than the other measurement tools.
If you want more information about this product, do not hesitate to contact us.



Important note

Preferably, the belt tension should always be measured at the center of the longer belt strand between the two drive pulleys.

2. App Easy Tension

You can also use our mobile app to measure the frequency of your belt and verify that you are in the good range for your application. Scan the QR code below (with your right OS), download the Hutchinson Easy Tension application and follow the instructions to measure your parameters.

Download on the App Store

Available on the Google play