DRIVEN BY POSSIBILITY

CD

V(belt or chain)

d

BESGN POWER

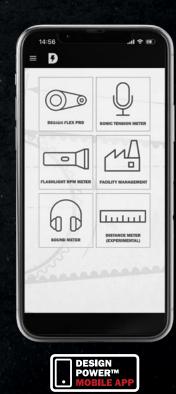
 ω_2

A new proprietary software platform (for PC and mobile phone) from Gates offers multiple digital design tools to support the engineering and specification of belt-drive systems across a broad array of applications, making the process easier and more precise than ever before. Gates Design Power[™] features updated and upgraded versions of Gates Design IQ[™] and Design Flex Pro[™] applications.

DESIGN POWER: THE LATEST IN DRIVE DESIGN SOFTWARE

Find Gates belt solutions for your chain conversion, HVAC belt replacement, compressor, fans, pumps, and many more quickly and easily with Design Power.

With our Design Flex Pro module, you can quickly compare every possible belt / pulley combination for a two-pulley system to find out which option would provide the most cost-effective solution. Gates Design IQ module can handle all your most complicated drive layouts with ease.



PD

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DRIVEN BY POSSIBILITY™

GATES DESIGN POWER IS AVAILABLE GLOBALLY AS A FREE DOWNLOAD FOR PC AND MOBILE APPLICATION IN 15 DIFFERENT LANGUAGES FOR USE ACROSS MOST REGIONS.

SOLUTION	SELECTED DRIVES (0)	 • •<
MCHRONOUS Ve	IELTS	
POLY CHAIN GT CARBON		
8MGT 2000-12		
DFIVER (Teeth)	DRIVEN (Teeth)	DN RPM
38	38	1,500.00
∆ RPM	ODR	REL COST
0.00	0.96	1.00
CD (mm)	& CD (mm)	BELT PULL (N)
848.00	48.00	1,861.09
WICTH (mm)	NOISE (dB)	NOISE FREQUENCY
25.41	71	950
POLY CHAIN	T CARBON	
BMGT-2000-12		
DRIVER (Teeth)	DRIVEN (Teeth)	DN RPM
38	39	1,461.54
A 60PM	ODR	REL COST
-38.00	0.97	1.00
CD (mm)	å CD (mm)	BELT PULL (N)
846.00	46.00	1,861.09
WIDTH (mm)	NOISE (dB)	NOISE FREQUENCY
25.41	71	950

FEATURES + BENEFITS

- Quickly, easily, and accurately design industrial synchronous or V-belt drive systems that fit your specific design parameters
- Ability to layout complicated belt drives and determine appropriate belt widths
- Easily determine proper belt installation tension
- Calculate belt pull
- Determine the belt power transmission capacity
- Estimate the energy savings of a synchronous belt drive compared to a V-belt drive
- Estimate the cost savings of replacing roller chain with a Poly Chain[®] GT[™] belt drive

DOWNLOAD GATES BELT DRIVE DESIGN SOFTWARE: DESIGN POWER⁻ FROM THE GATES.COM WEBSITE



GATES DESIGNPOWER FOR MOBILE APP FOR:







APPLICATIONS

- Heavy Duty Equipment
- Fans + Pumps
- Conveyor Systems
- Industrial Machines
- Compressors
- Centrifuges
- Horizontal + Vertical Positioning

INDUSTRIES + END MARKETS

- Construction + Mining
- Forestry + Agriculture
- Textile + Laundry
- Stationary Machinery + Tools
- Pulp + Paper
- Food Processing
- Manufacturing + Packaging + Automation
- Chemical Refinement
- Oil & Gas + Energy Transformation
- Automotive