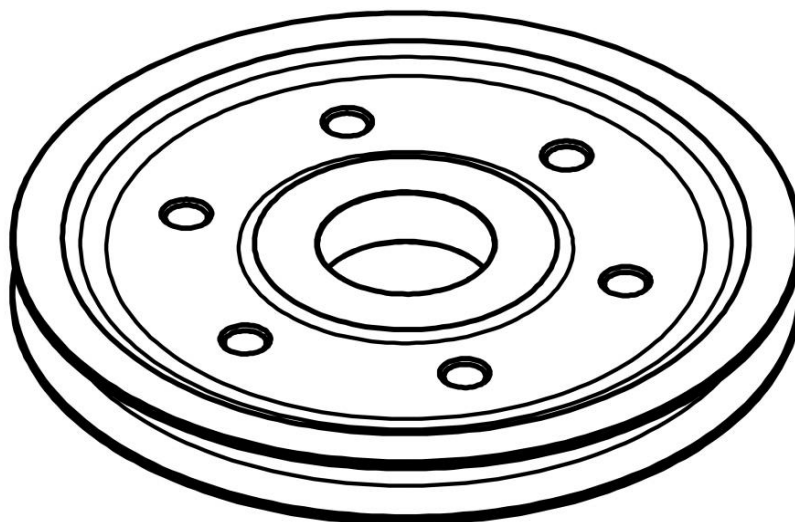




GANTREX
ON TRACK. WITH YOU.

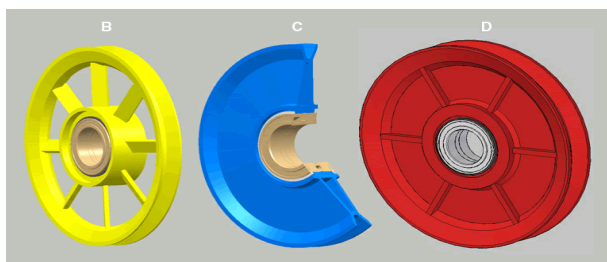
Sheave WHEELS
PORT CRANE SOLUTIONS

DRAWING

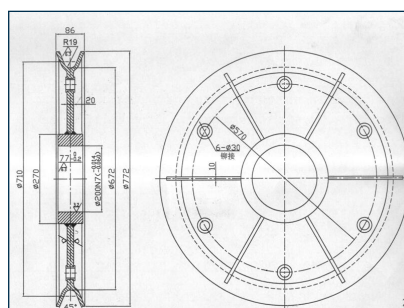


STANDARDS AND FLEXIBILITY

DIFFERENT TYPES



DIFFERENT SIZES



Internal diameter
External diameter
Thickness

GENERAL INFORMATION

Gantrex sheaves are highly trusted, preferred and utilized by many crane and rig manufacturers around the world. Our sheaves are designed to optimize performance and quality, providing a number of advantages to our customers;

- Superior durability
- Optimal design
- Reliable delivery
- Longer life
- World-class engineering team

(*) All dimensions are rounded off to serve as general guidelines only. Contact Gantrex for more details





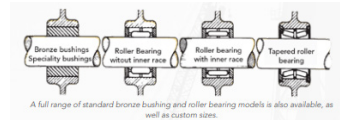
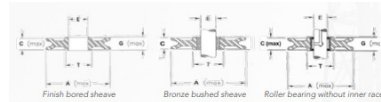
SELECTION PARAMETERS

Dimensional information

- Wire line diameter
- Sheave outside diameter (A or OD)
- Bore size, if plain or finished bore (E)
- Hub width (G)
- Hub outside diameter (T)
- Shaft size with bearing (E)
- Rim width (C)
- Tread diameter (TD)

Bearing options

- Finish/plain bore
- Bronzed bushing
- Roller bearing
- Tapered roller bearing
- Ball bearing
- Full complement cylindrical roller bearing



INSTALLATION AND SUGGESTED WELD INSTRUCTIONS

Every step of the installation is subjected to high standards process charts edited by Gantrex.

To equip your crane with Gantrex Crane Wheels takes around 1 week, depending on crane condition. To be noted, Gantrex can also assist crane manufacturer for an optimal installation. Contact our teams for more details.

1	Prepare working area	Prepare a secured working area & the scaffolding (for trolley tracks), lift up all necessary materials and store them in a safe manner.
2	Check supporting structure	In case of presence of any level discrepancies in the track, correct them. According to ISO 12488-1-2012 class 1
3	Install the wear plates (& pads)	Tack weld the wear plates into position in four locations so as to prevent them moving during installation. Install the Gantrex RailLok™ Pads
4	Position Gantrex Full Web Short Rail	Place Gantrex Full Web Short Rail in accordance with the installation arrangement drawing and check span measurements;
5	Install clips and clamps bases	Mark up the beam for clips and clamps bases welding in accordance with the installation arrangement drawing, tack weld them into position, and finish the welds according to clip and clamp technical datasheets.
6	Weld the Gantrex Full Web Short Rail	Prepare all the necessary equipment and material, align the Gantrex Full Web Short Rails with the OEM rail and weld of the joint
7	Install clips and clamps and shear blocks	Check span, alignment and straightness measurements that they conform to the installation arrangement drawing and ISO 12488-1-2012 class 1, fit all remaining clip cap assemblies, torque clips and clamps according to their TDS and finish by welding the shear blocks.
8	Repeat operations	Repeat steps 3 to 7 four times to complete the installation
9	Verify step at hinge	With handheld grinder ensure that the short rail transition is flush through the hinge joint area with no greater misalignment than 0.5mm on the sides of the head.
10	Clean the working area	

We reserve the right to discontinue or change specifications or design at any time without prior notice and without incurring any obligation whatsoever.

