



BFK pan conveyors HEKO rollers and brackets

Rollers

The highly wear-resistant HEKO rollers are characterised by reliable function under tough operational conditions also in a dusty and hot environment.

The forged roller bodies are Induction hardened in the area of the tread as well as over 2/3 of the guide disc. The rollers are completed by a high strength axle, bearings and on the operating conditions adapted sealing system. According to your specifications, HEKO supplies the rollers either with a stub shaft or with Screw axis.

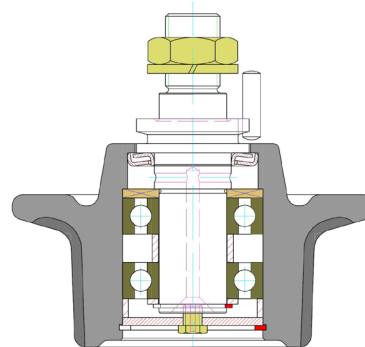
As standard HEKO uses an axis which is made of high-strength tempered steel with deep groove ball bearings arranged in pairs. The combination of a special lamellar seal and an LSTO ring make sure that no fine conveying material gets into the system. Together with the lifetime lubrication a good operating time is ensured.



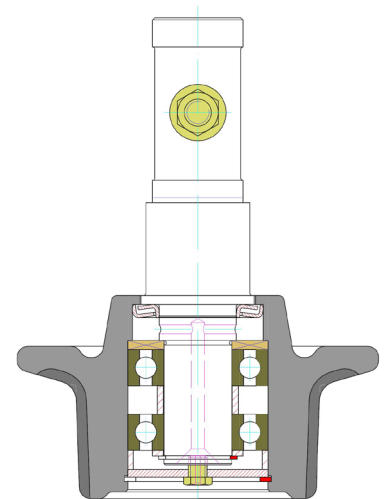
Roller with thread shaft



Roller with stub shaft



Cut of a roller with thread shaft



Cut of a roller with stub shaft

Standard Roller dimensions

roller diameter Ø	dimensions (mm)	
	flange Ø	inside bearing Ø
108	160	30
140	200	35
160	220	40

Depending on the case of use and the expecting wear, HEKO is also able to manufacture and design rollers with other dimensions as well as fitting bearings, sealings and lubrication system. In case of needing help or advice, HEKO will develop a solution for the needed requirement.



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Brackets

For steel cell conveyors with belt brackets, the rollers are not directly on the attached to the pans but over a bracket connected to the respective pans.

In addition to the inclusion of the rollers the bracket also ensures that the correct chain centre distance is fixed. Occurring forces are kept away from the pan.

Keep tape cell away. For this reason, HEKO manufactures the strap hangers from high-strength quality steel. Also due to this reason, HEKO manufactures the brackets only from high-quality steel.



Bracket with rollers