

The new BoWex® FLE-PAC flange coupling for hydrostatic drives

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With the BoWex® FLE-PAC, KTR Engineers have again improved the most well-known flange coupling for construction machinery with a hydrostatic drive. On the one hand the carbonic material of the flange allows for longer operating times, on the other the composite design enables a low-cost connection to the engine flywheels with special dimensions.

Hydrostatic applications in agricultural and construction machinery have an increasing demand for a longer expected lifetime. With the standard materials the Design Engineers are pushing these to the limit. Based on the successful design of the BoWex® FLE-PA the material pairing has now been optimised. The polyamide of the flange part of the new BoWex® FLE-PAC is additionally reinforced with carbon improving the abrasion behaviour. The result is an important extension of the lifetime.

The coupling flange is not designed as a full-nylon disk, but as a composite part with a steel flange. This combination allows for a low-cost production of flanges with special dimensions. A further advantage is that extensive and bulky adapter solutions do not need to be assembled in case of special flywheels.

The new BoWex® FLE-PAC flanges are combined with the well known BoWex® hubs having the proven curved teeth technology.

In addition to commercial advantages the new BoWex® FLE-PAC offers new possibilities construction-wise in order to realise more and more compact drives.



Please contact Mr. Josef Schürhörster if you require any further information on BoWex® FLE-PAC flange coupling:



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