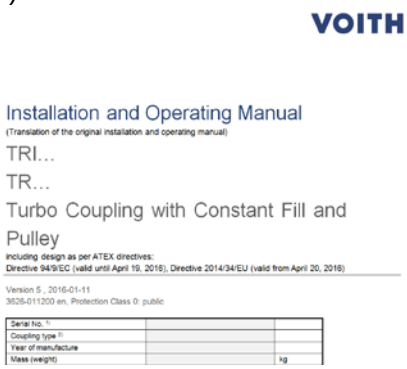
Quick Guide for Installation **TRI…, TR… Turbo Coupling with Pulley 91800265110**

Note:
This guide is **not** intended to replace the installation and operating manual. It just illustrates steps required during installation of a **TRI, TR** type turbo coupling and provides reference to the installation and operating manual for full details.

1)


VOITH

Installation and Operating Manual
(Translation of the original installation and operating manual)
TRI…
TR…
Turbo Coupling with Constant Fill and Pulley
including design as per ATEX directives:
Directive 94/9/EC (valid until April 19, 2016), Directive 2014/34/EU (valid from April 20, 2016)
Version 5 , 2016-01-11
3626-011200 en, Protection Class 0: public

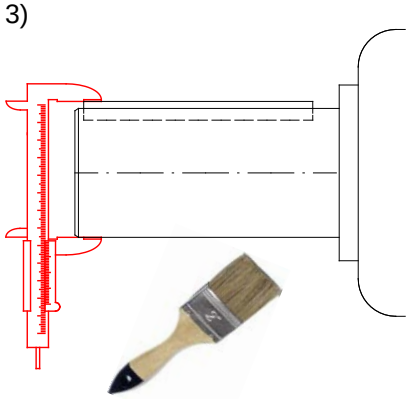
Serial No. 1)		
Coupling type 2)		
Year of manufacture		
Mass (weight)		kg

Read and observe the latest version of the Manual 3626-011200 before starting to work.

2)

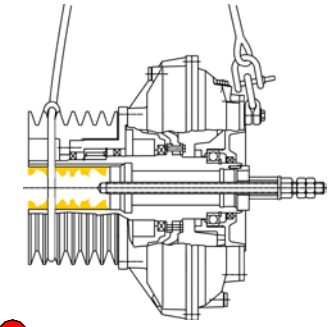
Have ready the required tools (see Chapter 8.1).

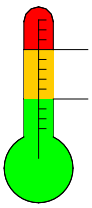
3)



Check and prepare the shafts and hubs for mounting: apply lubricant (see Chapter 8.2).

4)

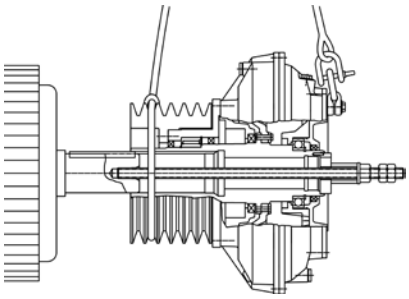




max. 150°C (302 °F)

Recommendation:
Warm up the hubs evenly
to 80 °C (176 °F)
(see Chapter 8.3).

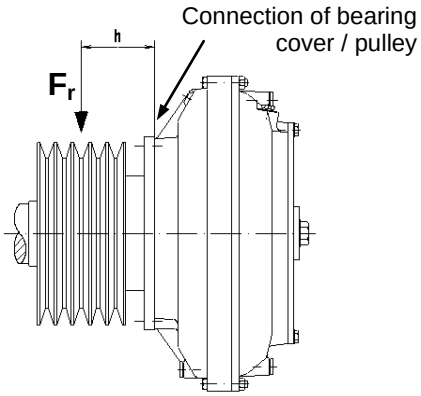
5)
Mounting the coupling with mounting device (Chapter 8.3.2).



Mounting the coupling hub (see Chapter 8.3.1).

6)
Mounting of belts and belt tension:

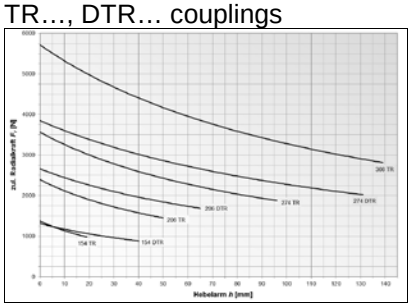
The pulleys must be in alignment during operation (Chapter 8.4).



7)
Permissible radial force $\mathbf{F_r}$ as a function of the lever arm **h**.

See also the diagrams in Chapter 8.4.1:

TR…, DTR… couplings



8)
Alignment:
Align the shafts(see Chapter 8.5).

For alignment, support the motor feet using shims or foil sheets.
It is advantageous to use claws for the adjusting screws on the foundation for lateral movement of the drive unit.

- Align the input and output shaft with each other; the pulleys must be in alignment.
- Fix the input and output unit to the foundation.
- Check the alignment after tightening all screws, and correct it, if necessary.

9)
Fill in the specified quantity of operating fluid:

(see Chapter 9 and 10).