

<b>EDMAYR</b> ANTRIEBSTECHNIK	<b>Installations and Operating Instructions for Flexible Coupling, Type L</b>	<b>E 06.630 e</b> (replaced E 04.630 e)			
issue: 06.05.2010	version: 01	drawn: Kn	checked: Sa	pages: 3	page: 1

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## IMPORTANT

Please read these instructions carefully before installing and operating the product. Your particular attention is drawn to the notes on safety.

These installation and operating instructions are valid on condition that the product meets the selection criteria for its proper use. Selection and design of the product is not the subject of these installation and operating instructions.

Disregarding or misinterpreting these installation and operating instructions invalidates any product liability or warranty; the same applies if the product is taken apart or changed.

These installation and operating instructions should be kept in a safe place and should accompany the product if it is passed on to others – either on its own or as part of a machine – to make it accessible to the user.

This device fulfils the requirements of the EG Standards 89/336/EWG and 73/023/EWG

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## SAFETY NOTICE

- Installation and operation of this product should only be carried out by skilled personnel.
- Repairs may only be carried out by the manufacturer or accredited agents.
- If a malfunction is indicated, the product or the machine into which it is installed, should be stopped immediately and either we or an accredited agent should be informed.
- Switch off the power supply before commencing work on electrical components.
- Rotating machine elements must be protected by the purchaser to prevent accidental contact.
- Supplies abroad are subject to the safety laws prevailing in those countries.

Contact:

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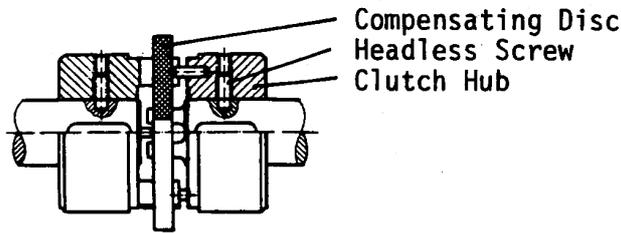
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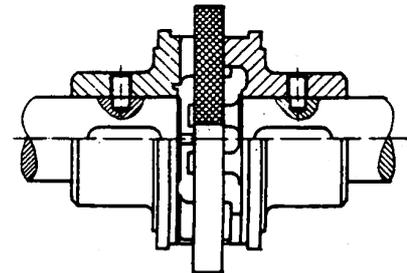
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Fig. 1



Size 10 – 27

Fig. 2



Size 35 – 140

**Installation**

The flexible coupling may be installed both horizontally and vertically.

The radial and angular misalignment of the shaft ends has to be determined by the measuring device shown in fig. 3. When the shaft is turned by 360 degrees, the deflection of the dial gauge which operates simultaneous has to be watched and to be reduced to a minimum by alignment of the connected machines.

For low speeds the maximum deviations A and B shown in the table below are permissible.

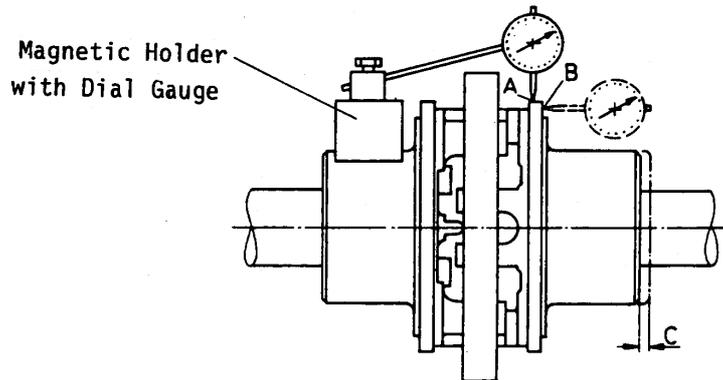


Fig. 3

		L-Coupling size											
		10	12	16	20	27	35	42	50	70	90	110	140
Max. DTI-rash	A mm	1	1,2	1,6	2	2,7	3,5	4,2	5	7	9	11	14
Max. DTI-rash	B mm	1,2	1,4	1,8	2,2	3	4,2	4,8	6,3	7,5	9,5	11,5	16,5
Max. axial clearance	C mm	1,5	1,5	1,5	2	2,5	3	3	4	4	5	8	9

Normally the supporting dogs of the clutch hubs must rest against the compensating disc not allowing any compulsive forces, e. g. those caused by heat expansion of the shafts, to hit the compensating disc. If necessary, the installation may be conducted by using axial clearance (but only when speeds are low). The maximum axial clearance with full face location of the driving dogs in the compensating disc is also shown in the above table (Dimension C).

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### **Ambient Conditions**

Max. Continuous Temperature : 110°C  
Momentary peak Temperature : 130°C

### **Lubrication**

In order to avoid wear of driving dogs and compensating disc, it is recommended to lubricate them from time thoroughly with graphite paste or molybdenum disulfide.

This is not necessary if the coupling runs in oil, for then sliding surfaces are sufficiently lubricated.