

## DYNA EDM Motor Drive

**Pull off and Extraction Testing with DYNA Z Instruments now made easier and more accurate with the new EDM Motor Drive**



### Main Features

- The EDM motor drive guarantees a stable load increase when testing with DYNA Pull off- and Extraction-Tester, range of nominal loads of 6, 16kN.
- Existing DYNA-instruments are compatible with the EDM drive and therefore do not need any alterations.

### International Standards

The DYNA EDM motor drive complies to all key international standards

- ♦ ASTM D 4541-02, 2002
- ♦ DIN EN 24624, 1992
- ♦ DIN EN 1348, 1999
- ♦ DIN EN 1542, 1998
- ♦ PrEN 12504-3, under preparation
- ♦ ASTM C90-01
- ♦ DIN 1048, 1991
- ♦ ZTV-SIB 90, Attachment 2
- ♦ DIN EN 1015-12

### Technical Data

Supply	max 15Volts (DC) from 15hr to 35hr continuous duty depending on the application
Voltage at motor	2.4 to 12 volts (DC)
Speed	2.0-11.7 rpm
Torque M	Max 3Nm
Current	max 690 mA (at M=3Nm)

### Motor Drive Connection

The EDM motor drive is put on at the hydraulic pump instead of the handle.



### Settings

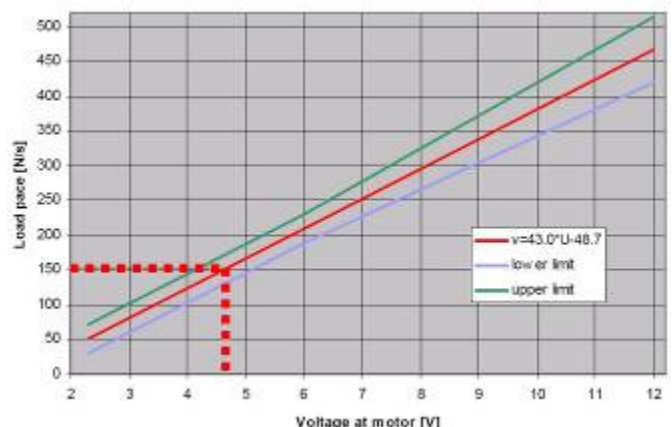


**Load Pace**  
The load pace is set via the voltage regulation

**Sense of rotation**  
The motor drive EDM is running in both senses, forward with the required speed of measurement, backward with the maximum speed

Front plate of EDM motor drive

### Load Pacing Example (for DYNA Z 16)





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## Form of Supply



- EDM Motor Drive
- EDM BC Battery Holder
- Connecting Cable EDM/EDm BC
- Carrying Strap

Article No 345 09 220

## Parts List



**EDm Motor Drive**  
 With drive spigot  
 Art No 345 09 223



**Adaptor Cable**  
 For EGS 1800  
 Art No 345 09 227



**EDm BC**  
**Battery Holder**  
 With Carry Strap  
 Art No 345 09 224



**Drive Spigot**  
 For EDM  
 Art No 345 09 228



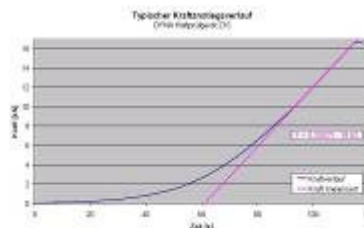
**EGS 1800**  
**Power Station**  
 Art No 345 09 225



**Carrying Strap**  
 For EDM BC  
 Art No 345 09 229



**Connecting Cable**  
 EDM/EDm BC  
 Art No 345 09 226



**WIGA Online**  
**Software**  
 Art No 380 01 243