

DYNA 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.

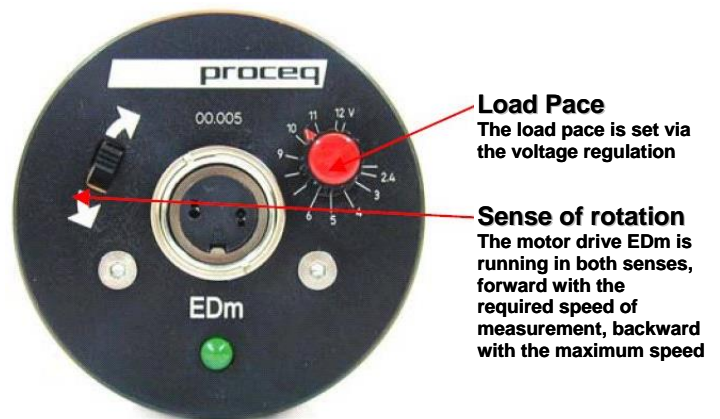
Settings

Front plate of EDm motor drive



EDm motor drive

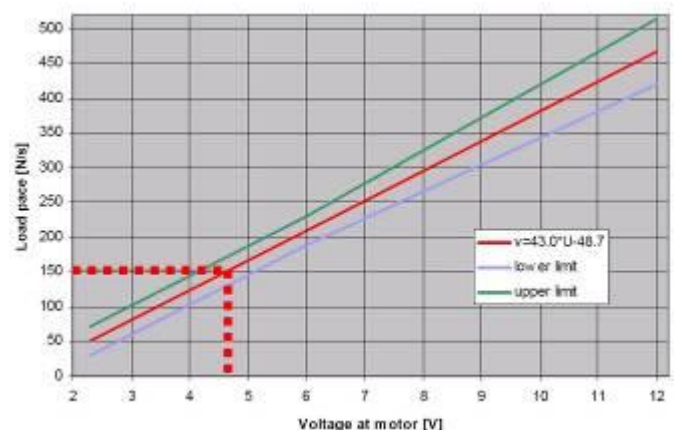
EDm BC battery holder



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

Load Pacing Example (for DYNA Z 16)



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



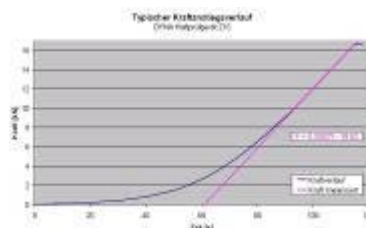
**EGS 1800
Power Station**
Art No 345 09 225



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