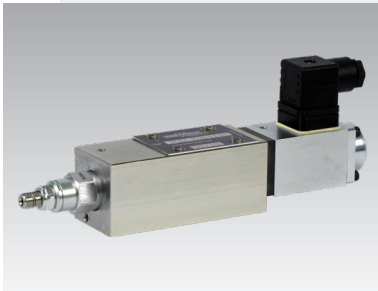
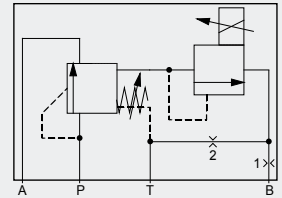


## Proportional sequence valve EPDZA 06



Pilot operated, electrically actuated  
 Max. operating pressure 350 bar  
 Rated flow rate up to 40 l/min  
 Mounting plate NG 6



020310\_EPDZA06  
 12.2025

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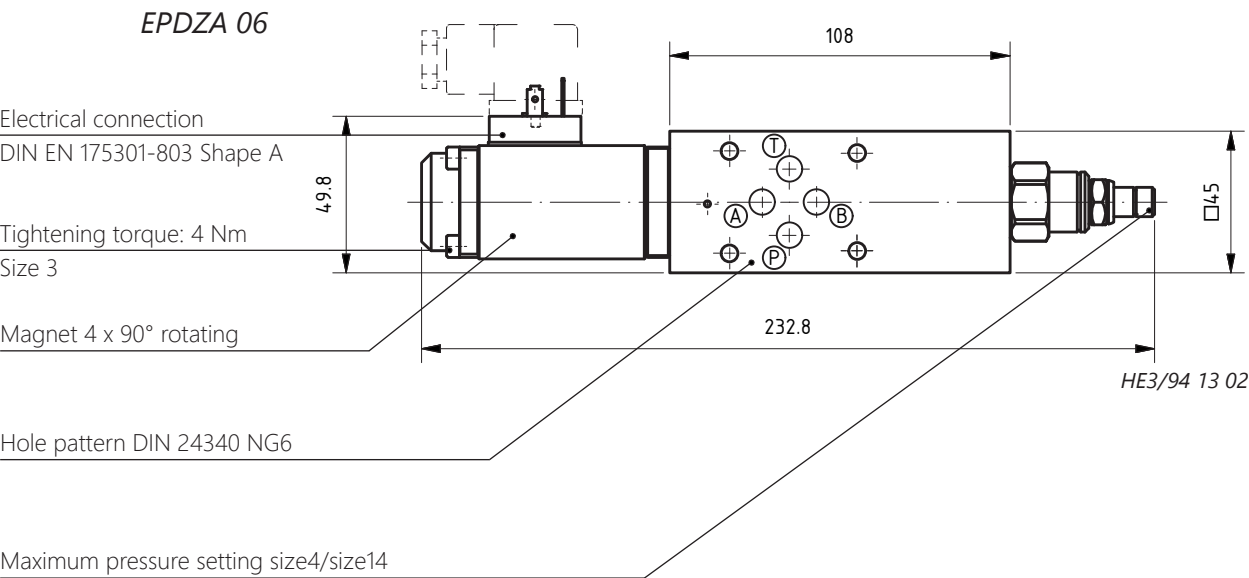
### Characteristics

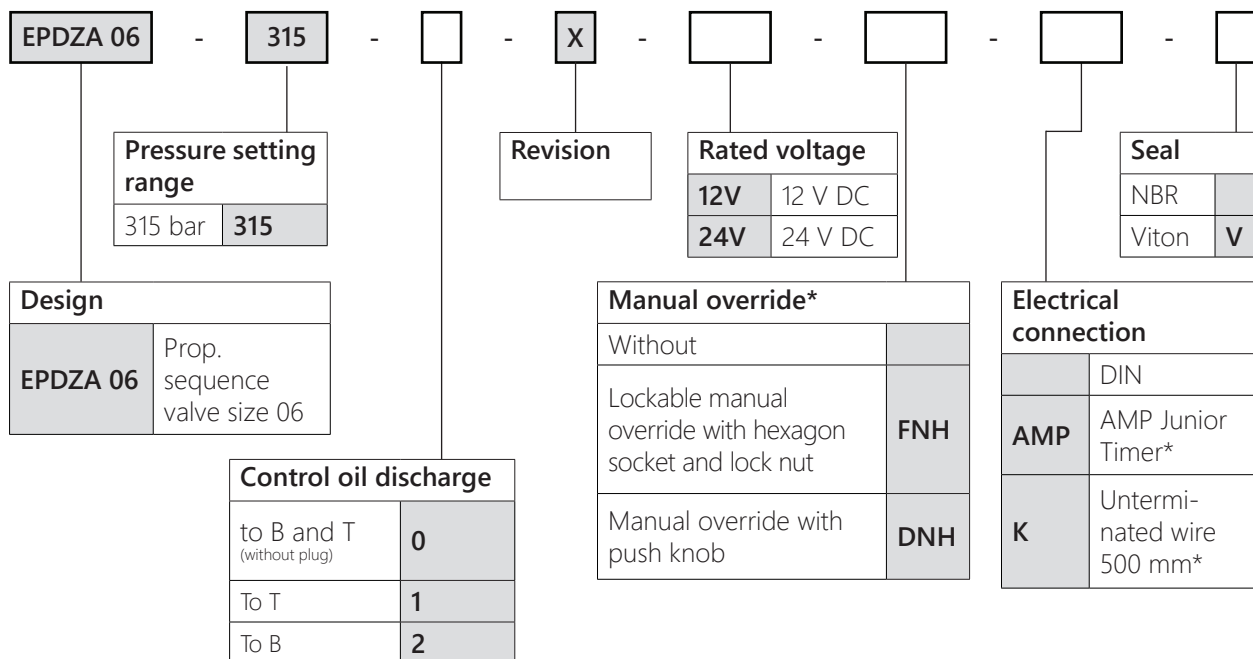
- Proportional sequence valve in spool design
- Pressure range up to 350 bar
- Particularly suitable for precise setting of consumer or system pressures
- Low vibration
- Maintenance-free

Technical data

|                            |                                                |                                                                                                                        |
|----------------------------|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| Hydraulic characteristics  | Max operating pressure:                        | Port P: 315 bar                                                                                                        |
|                            | Rated flow rate:                               | 40 l/min                                                                                                               |
|                            | Flow direction:                                | See type code                                                                                                          |
|                            | Operating fluids:                              | Mineral oils according to DIN 51524, others on request                                                                 |
|                            | Viscosity range:                               | 10 - 350 cSt                                                                                                           |
|                            | Filtration:                                    | Oil purity according to ISO 4406 (1999)<br>18/16/13, filter with $\beta$ 5(c) > 200                                    |
|                            | Repeatability:                                 | < 3 % with optimized PMW-signal*                                                                                       |
|                            | Hysteresis:                                    | < 5 % with optimized PMW-signal*                                                                                       |
|                            | * at 20% to 100% of the rated solenoid current |                                                                                                                        |
|                            |                                                |                                                                                                                        |
| Mechanical characteristics | Design:                                        | Sequence valve in mounting plate NG 6                                                                                  |
|                            | Size:                                          | 06                                                                                                                     |
|                            | Fluid temperature:                             | -20 °C to +70 °C                                                                                                       |
|                            | Ambient temperature:                           | -20 °C to +50 °C                                                                                                       |
|                            | Storage temperature:                           | -30 °C to +60 °C (non-condensing)                                                                                      |
|                            | Installation position:                         | Any, preferably horizontal                                                                                             |
|                            | Permissible acceleration:                      | 5 g                                                                                                                    |
|                            | Weight:                                        | 1.3 kg                                                                                                                 |
|                            | Materials:                                     | Valve parts: Steel<br>Seals: NBR, optional Viton                                                                       |
|                            | Surface protection:                            | Solenoid: galvanized<br>Casing: Anodized aluminum                                                                      |
| Electrical characteristics | Rated voltage:                                 | 12 V DC, 24 V DC                                                                                                       |
|                            | Rated solenoid current:                        | 1.7 A (12 V), 0.7 A (24 V)                                                                                             |
|                            | Rated resistance (R20):                        | 4 $\Omega$ (12 V), 25 $\Omega$ (24 V)                                                                                  |
|                            | Power consumption:                             | 16 W at rated solenoid current                                                                                         |
|                            | Power-on time:                                 | 100 % PO                                                                                                               |
|                            | Control command:                               | PWM signal                                                                                                             |
|                            | PWM frequency:                                 | Typically 140 Hz (depending on the application)                                                                        |
|                            | Protection class:                              | IP65 with a correctly installed wiring box                                                                             |
|                            | Electrical connection:                         | Device plug in accordance with DIN EN 175301-803 shape A (formerly DIN 43650), AMP Junior Timer, unterminated wire     |
|                            | Control units:                                 | See "Electronics and Sensors" on our website at <a href="http://www.weber-hydraulik.com">www.weber-hydraulik.com</a> . |

Dimensions



**Type code**

\* only 24 V version

**Miscellaneous***Accessories/spare parts***Article:****Article number:**

|                                                               |          |
|---------------------------------------------------------------|----------|
| Socket DIN EN 175301-803 (formerly DIN 43650), shape A, black | 149.0007 |
| Seal kit EPDZA 06 (NBR)                                       | 405.0099 |
| Seal kit EPDZA 06 (Viton)                                     | 405.0100 |

**NOTE**

For appropriate electronic controllers, see "Electronics and Sensors" on our website at [www.weber-hydraulik.com](http://www.weber-hydraulik.com).

*Operating manual*

Information regarding assembly, commissioning and maintenance is available on our website in "General information" in the "General Operating Manual, Hydraulics" category or on request.