

## 4/2 and 4/3 way proportional directional valve, pilot operated, without electrical feedback, seawater resistant Types 4WRZ...J and 4WRH...J

When compared to the standard version the following modifications have been carried out:

- The external metal components have been zinc galvanised (solenoid, housing) and aluminium nickel plated (component plug). The electronic's housing is made from plastic.
- Seawater resistance is identified by the code „J“ in the ordering code

### Note:

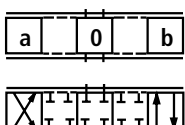
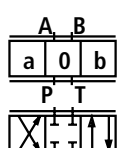
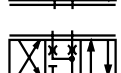
The valve fixing screws must be separately ordered:

|               |                                                          |                           |                       |
|---------------|----------------------------------------------------------|---------------------------|-----------------------|
| Nom. size 10: | 4 off M6 x 45 DIN 912-10.9 NEL <sup>1)</sup> ;           | $M_A = 15.5 \text{ Nm}$ , | Material No. 00230417 |
| Nom. size 16: | 4 off M10 x 60 DIN 912-10.9 NEL <sup>1)</sup> ;          | $M_A = 75 \text{ Nm}$ ,   | Material No. 00011397 |
|               | 2 off M6 x 60 DIN 912-10.9 NEL <sup>1)</sup> ;           | $M_A = 15.5 \text{ Nm}$ , | Material No. 00230418 |
| Nom. size 25: | 6 off M12 x 60 DIN 912-10.9 NEL <sup>1)</sup> ;          | $M_A = 130 \text{ Nm}$ ,  | Material No. 00011399 |
| Nom. size 32: | 6 off M20 x 80 DIN 912-10.9 A3C oder NEL <sup>1)</sup> ; | $M_A = 430 \text{ Nm}$ ,  | Material No. 00011429 |

<sup>1)</sup> The code NEL stands for non-electrolytically applied zinc coatings which contain a lubrication additive for the reduction of friction in accordance with ISO/WD 10683, colour silver.

Further information can be obtained from the standard documentation RE 29 115.

### Ordering details

|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|-------------------------------------------------------------------------------------|--|--|--|-------------------------------------------------------------------------------------|--|--|--|-------|---|--|--|-------|---|--|---|--|--|---|--|
| 4WR _                                                                               |  |  |  |                                                                                     |  |  |  | -7X   | / |  |  |       | J |  | / |  |  | * |  |
| Nominal sizes 10 to 32                                                              |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
| Symbols                                                                             |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|  |  |  |  |  |  |  |  | = E   |   |  |  |       |   |  |   |  |  |   |  |
|  |  |  |  |  |  |  |  | = W6- |   |  |  |       |   |  |   |  |  |   |  |
| Nominal flow in L/min bei a valve pressure differential Δp = 10 bar                 |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
| For nominal size 10                                                                 |  |  |  | = 25                                                                                |  |  |  | = 50  |   |  |  | = 85  |   |  |   |  |  |   |  |
| For nominal size 16                                                                 |  |  |  |                                                                                     |  |  |  | = 100 |   |  |  | = 150 |   |  |   |  |  |   |  |
| For nominal size 25                                                                 |  |  |  |                                                                                     |  |  |  | = 220 |   |  |  | = 325 |   |  |   |  |  |   |  |
| For nominal size 32                                                                 |  |  |  |                                                                                     |  |  |  | = 360 |   |  |  | = 520 |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |
|                                                                                     |  |  |  |                                                                                     |  |  |  |       |   |  |  |       |   |  |   |  |  |   |  |

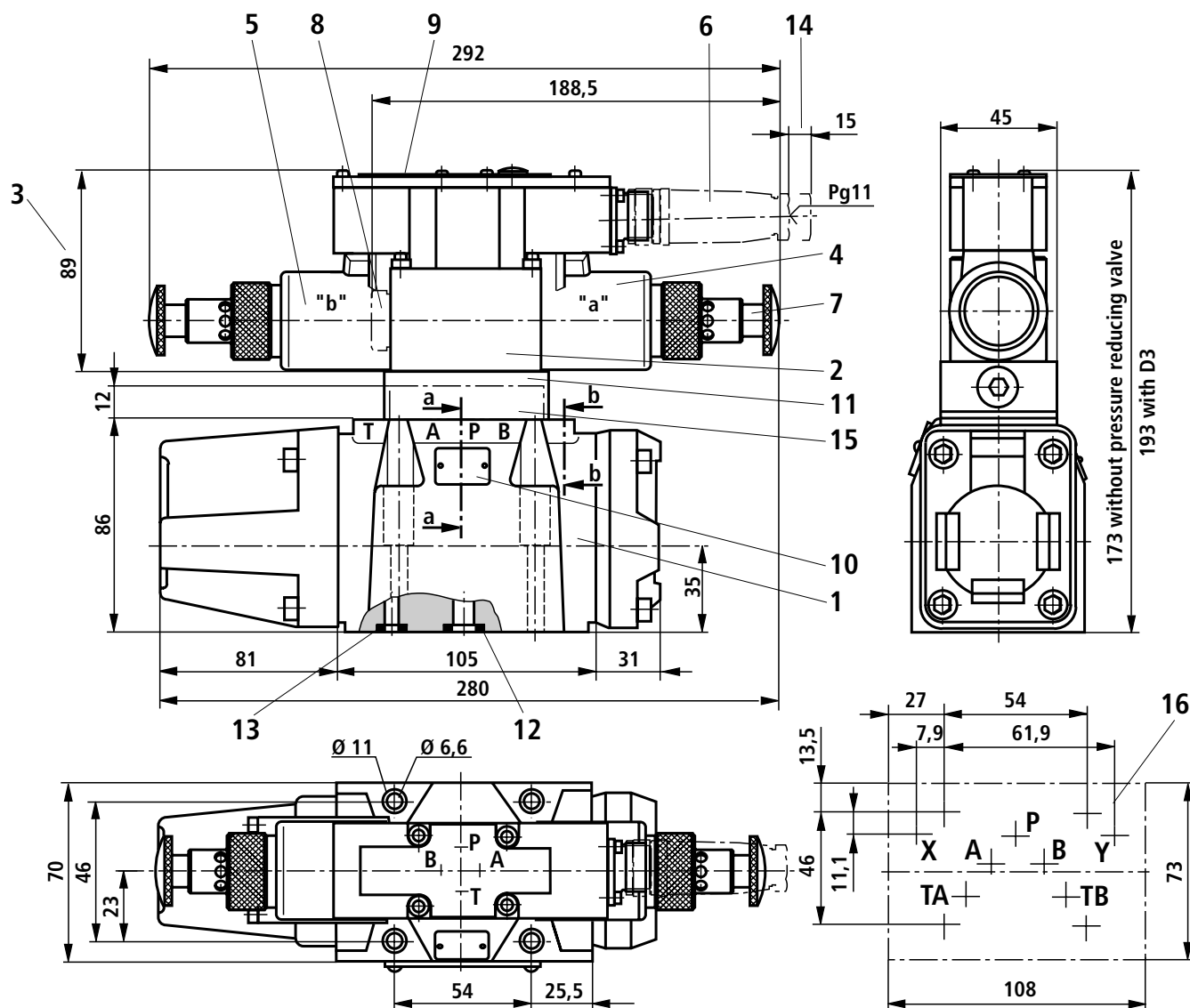
## Preferred types

| Type                               | Material No. | Type                  | Material No. |
|------------------------------------|--------------|-----------------------|--------------|
| 4WRZ 10 W6-85-7X/6EG24NJETK31/M    | 00970567     | 4WRH 10 W6-50-7X/J/V  | 00953349     |
| 4WRZ 25 W6-325-7X/6EG24NJETK31/D3M | 00959201     | 4WRH 10 W6-85-7X/J/M  | 00964459     |
| 4WRZ 25 W6-325-7X/6EG24NJETK31/D3V | 00966151     | 4WRH 16 E100-7X/J/V   | 00952488     |
| 4WRZ 32 W6-520-7X/6EG24NJETK31/D3M | 00970568     | 4WRH 16 W6-150-7X/J/M | 00967471     |
| 4WRZ 32 W6-520-7X/6EG24NJK31/V     | 00961666     | 4WRH 25 W6-325-7X/J/V | 00963762     |

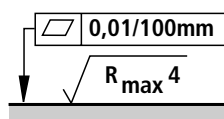
## Unit dimensions:

(Dimensions in mm)

NS 10



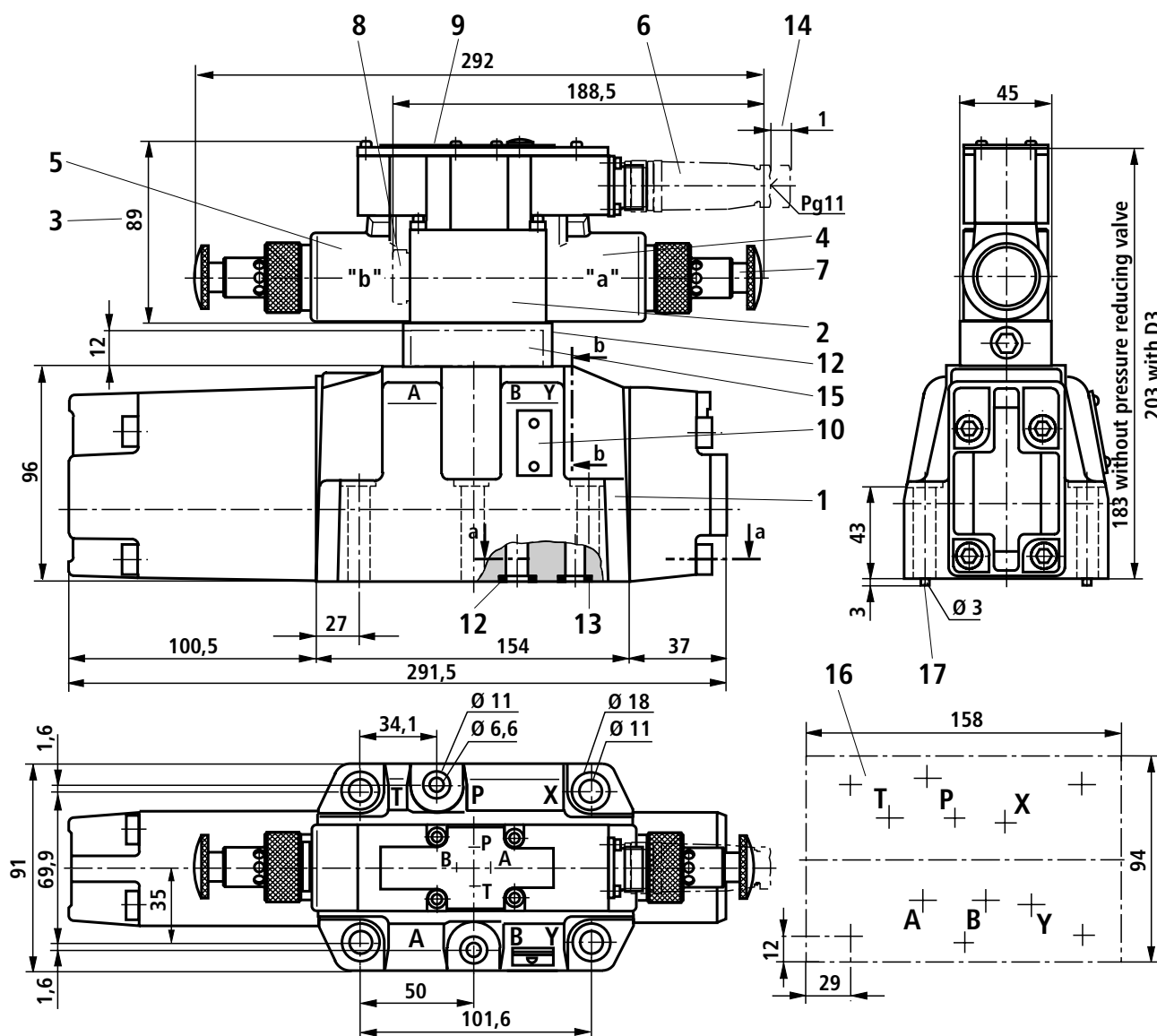
- 1 Main valve
- 2 Pilot control valve
- 3 Dimension for version „4WRZ...J“
- 4 Proportional solenoid „a“
- 5 Proportional solenoid „b“
- 6 Plug-in connector to E-DIN 43 563, separate order
- 7 Hand override
- 8 Cover for valves with one solenoid
- 9 Pilot control valve name plate
- 10 Main valve name plate
- 11 Pressure reducing valve



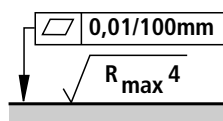
Required surface finish of mating piece

- 12 R-ring 13 x 1.6 x 2; ports A, B, P, T
- 13 R-ring 11.18 x 1.6 x 1.78; ports X, Y
- 14 Space required to remove the plug-in connector
- 15 Conversion plate (type 4WRH...)
- 16 Machined valve mounting surface, port locations to DIN 24 340 form A, ISO 4401 and CETOP-RP121H (X, Y on request)

## Unit dimensions:

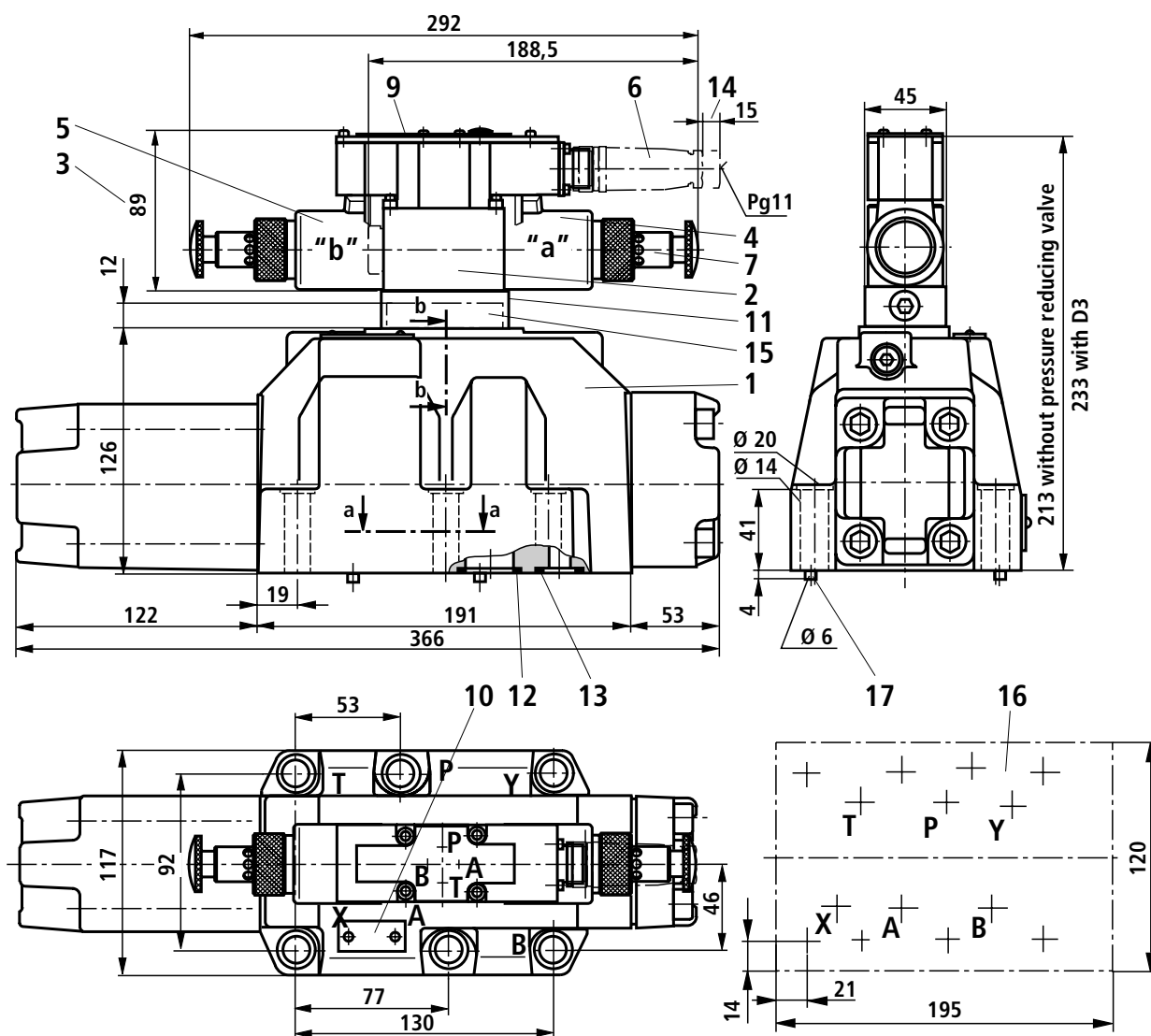
(Dimensions in mm) **NS 16**

- 1 Main valve
- 2 Pilot control valve
- 3 Dimension for version „4WRZE...J“
- 4 Proportional solenoid „a“
- 5 Proportional solenoid „b“
- 6 Plug-in connector to E-DIN 43 563, separate order
- 7 Hand override
- 8 Cover for valves with one solenoid
- 9 Pilot control valve name plate
- 10 Main valve name plate
- 11 Pressure reducing valve
- 12 R-ring 22.53 x 2.3 x 2.62; ports A, B, P, T



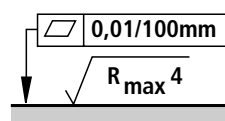
Required surface finish of mating piece

- 13 R-ring 10 x 2 x 2; ports X, Y
- 14 Space required to remove the plug-in connector
- 15 Conversion plate (type 4WRH...)
- 16 Machined valve mounting surface, port locations to DIN 24 340 form A, ISO 4401 and CETOP-RP121H
- 17 Locating pin

**Unit dimensions:**(Dimensions in mm) **NS 25**

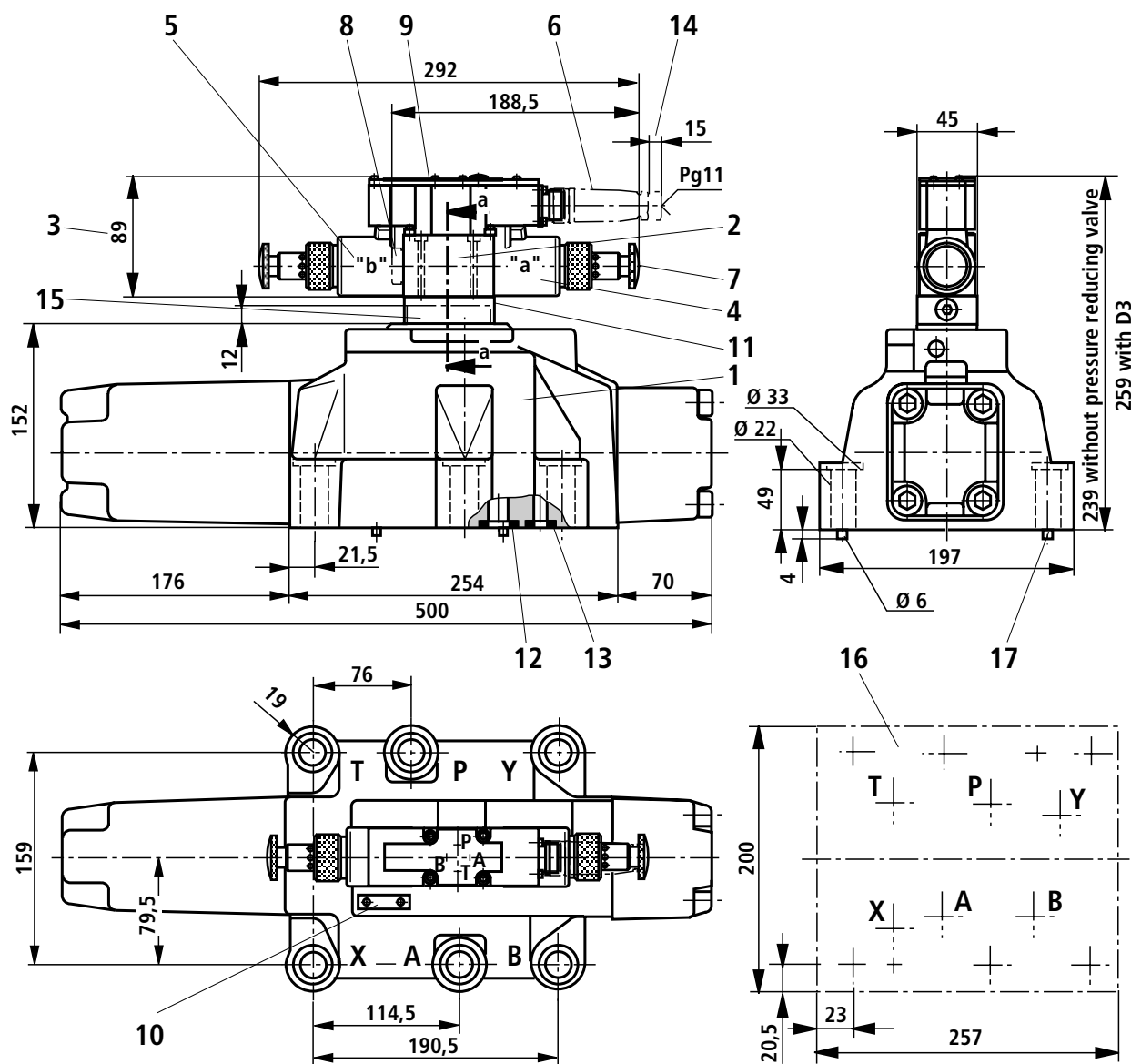
- 1 Main valve
- 2 Pilot control valve
- 3 Dimension for version „4WRZE...J“
- 4 Proportional solenoid „a“
- 5 Proportional solenoid „b“
- 6 Plug-in connector to E-DIN 43 563, separate order
- 7 Hand override
- 8 Cover for valves with one solenoid
- 9 Pilot control valve name plate
- 10 Main valve name plate
- 11 Pressure reducing valve

- 12 R-ring 27.8 x 2.6 x 3; ports A, B, P, T
- 13 R-ring 19 x 3 x 3; ports X, Y
- 14 Space required to remove the plug-in connector
- 15 Conversion plate (type 4WRH...)
- 16 Machined valve mounting surface, port locations to DIN 24 340 form A, ISO 4401 and CETOP-RP121H
- 17 Locating pin

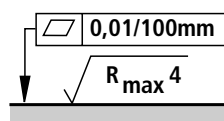


Required surface finish of  
mating piece

## Unit dimensions:

(Dimensions in mm) **NS 32**

- 1 Main valve
- 2 Pilot control valve
- 3 Dimension for version „4WRZE...J“
- 4 Proportional solenoid „a“
- 5 Proportional solenoid „b“
- 6 Plug-in connector to E-DIN 43 563, separate order
- 7 Hand override
- 8 Cover for valves with one solenoid
- 9 Pilot control valve name plate
- 10 Main valve name plate
- 11 Pressure reducing valve



Required surface finish of  
mating piece

- 12 R-ring 42.5 x 3 x 3; ports A, B, P, T
- 13 R-ring 19 x 3 x 3; ports X, Y
- 14 Space required to remove the plug-in connector
- 15 Conversion plate (type 4WRH...)
- 16 Machined valve mounting surface, port locations to  
DIN 24 340 form A, ISO 4401 and CETOP-RP121H
- 17 Locating pin

## Notes

---

---

**Mannesmann Rexroth AG**  
**Rexroth Hydraulics**

D-97813 Lohr am Main  
Jahnstraße 3-5 • D-97816 Lohr am Main  
Telefon 0 93 52 / 18-0  
Telefax 0 93 52 / 18-23 58 • Telex 6 89 418-0  
eMail [product.support@rexroth.de](mailto:product.support@rexroth.de)  
Internet [www.rexroth.com](http://www.rexroth.com)

**Mannesmann Rexroth Limited**

Cromwell Road, St Neots,  
Cambs, PE19 2ES  
Tel: 0 14 80/22 32 56  
Fax: 0 14 80/21 90 52  
E-mail: [info@rexroth.co.uk](mailto:info@rexroth.co.uk)

The specified data is for product description  
purposes only and may not be deemed to be  
guaranteed unless expressly confirmed in the  
contract.