



| POZ. ITEM | REPER PART NAME                                     | MATERIAL / MATERIAL                          |               |
|-----------|---|--|---------------|
|           |   | TIP TYPE                                     | SYMBOL SYMBOL |
| 1         | Corp / Body   | fonta cenusie / cast iron                    | EN-GJL-250    |
|           |   | fonta nodulara* ductile iron*                | EN-GJS-500-7  |
| 2         | Sertar / Wedge                                      | fonta cenusie / cast iron                    | EN-GJL-250    |
|           |   | fonta nodulara * ductile iron*               | EN-GJS-500-7  |
| 3         | Inele etansare corp-sertar Body wedge sealing rings | aliaj Cu / copper alloy                      | -             |
|           |   | inox min.11.5%Cr min.11.5%Cr stainless steel | -             |
|           |   | fonta / cast iron                            | -             |
| 4         | Piulita tije / Stem nut                             | TN NRS aliaj Cu copper alloy                 | -             |
|           |   | fonta nodulara ductile iron                  | EN-GJS-500-7  |
| 5         | Tija / Stem   | TA OS&Y fonta cenusie cast iron              | EN-GJL-250    |
|           |   | inox min.11.5%Cr min.11.5%Cr stainless steel | -             |
| 6         | Capac / Bonnet                                      | fonta cenusie / cast iron                    | EN-GJL-250    |
|           |   | fonta nodulara * ductile iron *              | EN-GJS-500-7  |
| 7         | Reductor manual Gearbox                             | subansamblu subassembly                      | -             |
| 8         | Arcada / Yoke                                       | otel carbon / carbon steel                   | -             |
|           | Garnituri / Gaskets                                 | placa fara azbest asbestos free sheet        | -             |
|           | Organe de asamblare Bolting                         | otel carbon / carbon steel                   | -             |

\* - la cerere / on request

**CARACTERISTICI CONSTRUCTIVE / DESIGN CHARACTERISTICS :**

- lungime de constructie / face to face: EN 558-1 – S14;ISO 5752 - S14
- flanse de legatura / connecting flanges: PN 10 EN 1092-2; ISO 7005 - 2;DIN 2501
- viteza maxima de curgere pentru lichide / max. flow speed for liquids: - 2.5 m/s
- etansare tija / stem sealing : TN / NRS – inele O-ring / O-ring  
 TA / OS&Y – inele fara azbest / asbestos free rings

**TEMPERATURA MAXIMA / MINIMA – TS pentru varianta TN / MAXIMUM/ MINIMUM TEMPERATURE – TS t. for NRS variant :**

- 80°C / -10°C – pentru / for NBR
- 120°C / -10°C – pentru / for EPDM

**PRESIUNE – TEMPERATURA, RATING pentru varianta TA / PRESSURE – TEMPERATURE, RATING for OS&Y variant :**

|   |    |     |     |
|---|----|-----|-----|
| Presiune de lucru [bar]<br>Working pressure[bar]                  |    | 2.5 | 2.3 |
| Temperatura maxima de lucru [°C]<br>Max. working temperature [°C] | TS | 120 | 150 |
| Temperatura minima de lucru [°C]<br>Min. working temperature [°C] |    | -10 |     |

NOTA : - pozitie de montaj - cu tija robinetului in pozitie verticala  
 NOTE : - mounting- with valve stem in vertically position

(dimensiuni in mm / dimensions in mm)

| DN   | L   | H1   | H2   | H3   | H4   | d1   | Tip reductor Type of gearbox | Nr.rotatii/ cursa Rotations/ stroke | Moment de actionare la roata Torques (daNm) | Masa neta / Net weight ≈(kg) |             | ε   |
|------|-----|------|------|------|------|------|------------------------------|-------------------------------------|---|------------------------------|-------------|-----|
|      |     |      |      |      |      |      |                              |                                     |   | TN / NRS                     | TA / OS & Y |     |
| 800  | 470 | 1577 | 1727 | 2419 | 3417 | 1015 | CR10                         | 212                                 | 24  | 1255                         | 1352        | 0.3 |
| 1000 | 550 | 1984 | 2137 | 2990 | 4160 | 1230 | CR20                         | 299                                 | 21  | 2300                         | 2585        |     |
| 1200 | 630 | 2336 | 2500 | 3550 | 4970 | 1455 |                              | 704                                 | 25  | 4160                         | 4275        |     |

ε-coeficient de pierdere de sarcina / ε-head loss factor

Pentru confirmare va rugam folositi fisa tehnica contractuala / For confirmation please use the technical sheet of agreement FTC 1 , FTC 2