**ГКТ.1.16 series brake hydraulic valves**

Brake hydraulic valve is intended for completing the hydraulic systems of winches, for jib lifting and telescoping in hydraulic system of mobile crane, for keeping the set speed of working bodies rotation moving under the outer force, for protecting from the exceeding pressure and for holding the location of the working bodies.

**Technical characteristics:**

|  |  |  |
| --- | --- | --- |
| Parameter | Value | |
| ГКТ.1.16-00 ГКТ.1.16-02 | ГКТ.1.16-01 ГКТ.1.16-03 |
| Nominal bore, mm | 16 | |
| Input pressure, MPa (kgf/сm2) - rated - max | 25 (250)  40 (400) | |
| Control pressure, MPa (kgf/сm2) - min - max. working - max. allowed | 2 (20)  5 (50) 40 (400) | |
| Working fluid flow, l/min - rated - max | 160  200 | |
| Inner leak proofness (max inner leakage), cc/min, not more than | leakage prohibited | |
| Relief valve adjustment range, MPa (kgf/сm2) | 9…40 (90…400) | — |
| Check valve opening pressure, not more than, MPa (kgf/сm2) | 0.2 (2) | |
| Weight, kg | 8.5 | 6.8 |