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| --- |
| **Purpose:**  Pumps are intended for operation in hydraulic systems of mobile road construction machines:  - dump trucks;  - loader cranes;  - municipal machines;  - forestry machines;  - mobile cranes;  - etc. |

**Working displacement:** 71, 80, 90, 112 cc/rev.

**Design features:**

Splined shaft: W40x2x30x18x9g.

Suction line: SAE 2"3000 psi

Charge line: SAE 1"6000 psi

Shaft sealing: NBR or FKM

The pumps are produced with left and right rotation.

Pumps can be manufactured with back cover for installation in tandem with auxiliary pump  405, 310, 411 or 313 series.

**Technical characteristics:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Size | 71 | 80 | 90 | 112 |
| Speed, rpm  - minimum  - nominal  - maximum at Pinput= 0.2 MPa | 500  2000  3050 | | | |
| Flow, l/min  - nominal  - maximum | 136  208 | 153  234 | 173  264 | 215  328 |
| Boost pressure, MPa  - nominal  - maximum peak | 25  40 | | | 25  35 |
| Power, kW  - nominal  - maximum | 61  150 | 70  170 | 78  190 | 97  208 |
| Torque, Nm  - nominal  - maximum | 294  470 | 332  530 | 373  596 | 464  649 |
| Weight (without working fluid), kg | 30 | | | |