Twin flow hydraulic pump 311.TF series is intended for conversion of mechanical energy of hydraulic pump shaft rotation into the energy of working fluid flow. Hydraulic pump has two independent working outputs owing to double row (two rows of pistons) design of rotary group.

Twin flow hydraulic pumps 311.TF series are intended for mobile machines (mobile cranes, municipal machines etc.)

Technical characteristics:

|  |  |  |
| --- | --- | --- |
| Parameter | Value A | Value B |
| Working displacement, ccm | 35 | 75 |
| Rotation speed, rpm |  |  |
| - min | 400 | 400 |
| - nominal | 1200 | 1200 |
| - max. at min output pressure (output A and output В on load) | 2000 | 2000 |
| - max. without load | 2550 | 2550 |
| Nominal feed, l/min | 40 | 80 |
| Pressure, nominal, bar | 200 | 200 |
| Pressure, max, bar | 350 | 350 |
| Input pressure, bar |  |  |
| - min | 0.8 | 0.8 |
| - max | 2.0 | 2.0 |
| Nominal power (consumed), kW | 44.4 | 44.4 |
| Flow efficiency (output А and output B) | 0.95 | 0.95 |
| Total efficiency | 0.9 | 0.9 |
| Weight, kg | 26 | 26 |