**410 Series Specifications**

**Purpose:**

Hydraulic motors convert the working fluid energy into the shaft rotation mechanical energy.

Hydraulic motors are intended for operation in open and close loops of stationary and mobile installations.

**Working displacement:**56, 107 ccm/rev

**Technical characteristics:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Size | | | 56 | 107 |
| Working displacement | Vg | ccm | 56.1 | 106.7 |
| Max. rotation speed | nmax | rpm | 3750 | 3000 |
| Consumed flow (at nmax) | qmax | l/min | 280 | 320 |
| Power at p=450 bar at p=400 bar | N | kW | 187 167 | 286 255 |
| Torque at p=450 bar at p=400 bar | T | Nm | 358 318 | 684  608 |
| Weight | m | kg | 18 | 32 |

**Design:**

- fixed displacement axial piston bent-axis hydraulic motors

- cylinder block inclination angle of 400

- cast iron housing

- bimetal steel block

- mounting dimensions as per DIN / ISO standards

**Special features:**

- standard version

- mounted-in version (cartridge-type)

**Options:**

- loop flushing valve

- safety valves

- purge relief valve

- by-pass valve

- shaft rotation frequency sensor

**Analogues:**

A2FM, A2FE (Bosch Rexroth)

F12 (Parker Hannifin)

MBI (Aber)

SCM (Sunfab)

MBF (Hydrosila)