



Fixed Displacement Vane Pump (FDP) For Commercial Vehicle

Product Features

1. Compact structure, high reliability, high stability and safety, energy saving and environment protection.
2. Anti-wear treatment on internal Aluminum components surface to enhance anti-wear durability performance.
3. Anti-wear material for rotor, keep low run-out on working surface to enhance stability of product running, reducing wear out during high speed operating. Even number of slots for vanes to reduce hydraulic pulsation at high speed.
4. Two locating positions with bushing to enhance stability during high speed, resolve the issue of vibration with single bush locating.
5. Light weighted. Comparing with iron pump, Aluminum pump is 50% less on weight.
6. Low temperature increasing speed. Comparing with iron pump, temperature will be reduced by 10°C~ 20°C under the same working conditions.
7. Low noise level. Comparing with iron pump, noise level is reduced by 5-10dB under the same working conditions.
8. Excellent performance at low temperature working conditions. At -40° C, it takes only 3 seconds to build up pressure.
9. Excellent performance at high temperature working conditions. Continuously running for 30 minutes at ambient temperature up to +150° C.



Technical Parameter

QX P/N: ZYB-1816L/802

Application range: heavy duty truck, trailer, bus, special trucks, etc.

Max. displacement: 28 mL/r, 32cc/r

Max. pressure: 20MPa

Max. flow: 25L/min

Mounting holes: 2xΦ11

Oil inlet port: as to customer requirement

Oil outlet port: as to customer requirement

Input shaft spline: 16/32DP (11 teeth, 16 teeth)

