MultiDAF

Booster Set





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Suction Flange : 11/4" ... DN150

Discharge Flange : 1" ... DN125

Operating Pressure : 10 Bar

Operating Temperature : $0 - 60^{\circ}$ C

Flow Range : $4 \times (2 - 60) \text{ m}^3/\text{h}$

Man. Head Range : 2 - 150 m

Speed Range : 3000 rpm



Fields of Application

Drinking water supply and distribution networks,

Water pressurization in high-rise buildings,

Water treatment plants,

Process water supply in industrial plants,

Irrigation facilities.

Design Specification

The installation includes a vertical shaft, non-self-priming, multi-stage centrifugal pump with an impeller made of noryl material, driven by a standard single-phase electric motor, a level float preventing dry operation, a quiet check valve, a chassis and anti-vibration rubber feet.

The motor output shaft is directly connected to the pump shaft by means of a rigid coupling, which provides maintenance advantages.

The pressure-resistant casing and flow-through components are secured between the pump top and bottom using casing studs.

Pump inlet is located at the bottom and outlet at the top.

The pump rotates clockwise when viewed from the motor side.



Shaft Specifications

Shafts used in DAF 3000, DAF 6000, DAF 9000 types are hexagonal and made of AISI430F material. Shafts made of milled AISI420 material are used in DAF 3300, DAF 5000, DAF 5000A, DAF 5000B and DAF 6500 types.

Seal Applications

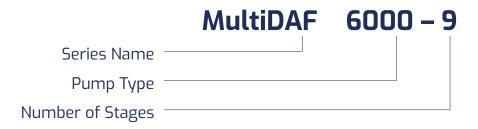
Mechanical seals are used as standard.

The mechanical seal is lubricated with pumped liquid.

Bearing

The bearings of the motor are used as bearings in DAF pumps. There is also a sliding bearing made of NBR material at the bottom.

Pump Coding



| Part Name | Material | | | | | |
|------------------|----------------|------------|----------|----------|----------|-------|
| | Cast Iron GG25 | AISI 430 F | AISI 430 | AISI 420 | AISI 304 | Noryl |
| Inlet Casing | • | | | | | |
| Discharge Casing | • | | | | | |
| Stage Casing | | | • | | | |
| Impeller | | | | | | • |
| Shaft | | • | | • | | |
| Pump Guard | | | | | • | |

Standart Material







