

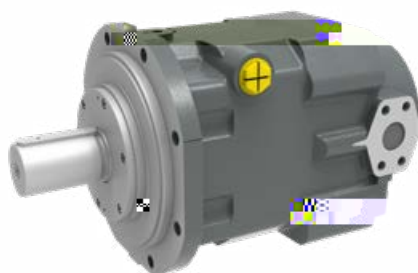
Type F30D

Fixed displacement axial piston pump



Product documentation

2026-02-10



Structural form: single pump

Nominal pressure p_{nom} : 420 bar

Peak pressure p_{max} : 450 bar

Displacement V_{max} : 280-520 cm³/rev

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1 Overview: Fixed displacement axial piston pump type F30D

1.1 General

The axial piston fixed displacement pumps of the type F30 of D offer extremely high function safety. Its remarkably low noise levels, the high pressure rating, optimised power-to-weight-ratio make it possible to employ it for most industrial.

The latest knowledge and experience with regard to noise reduction has been used in the development of this pump design. F30D is therefore rather quiet, even when taken to the limit. All components used in the V30D are manufactured from high grade materials and machined with close tolerances. The wide range of modular controllers along with a thru-shaft (option for mounting auxiliary pumps or a second V30D) open up a wide range of application possibilities.

Therefore type F30D features a pump design, which ideally suits the special requirements of modern industrial, marine, offshore, and other industries.

Features and benefits:

- Low-noise emissions
- Full torque available at the second pump in tandem pump applications

Intended applications:

- | | |
|---------------------------|-----------------------|
| Coal mining | Pile driving machine |
| Concrete pump | Power pack assembly |
| Extruder | Presses |
| Industrial plants | Tunnel boring machine |
| Marine cranes and winches | Ship engine |

2 Available versions, main data

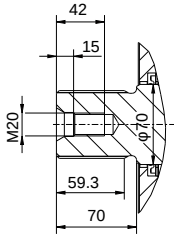
2.1 Basic version

Shaft versions

Spline shaft

Coding D2

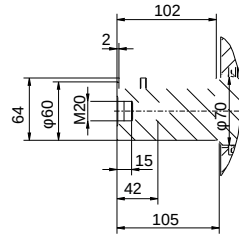
(DIN 5480 W60 × 2 × 28 × 9g)



Parallel keyed shaft

Coding K4

(DIN 6885 φ60 AS 18 × 11 × 100)



Port description

port	description	Standard	Size	Notice
S	Input port	SAE J518 code 61 DIN 13	4 in M16; 24 deep	Flange cover plate protection
P1				



