

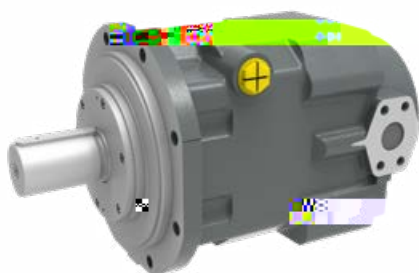
Type F30D

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

Contents

1	Overview: Fixed displacement axial piston pump type F30D	02
1.1	General	02
2	Available versions, main data	02
2.1	Basic version	02
3.	Dimensions	03
3.1	F30D-280	03
3.2	F30D-520	05

1 Overview: Fixed displacement axial piston pump type F30D

1.1 General

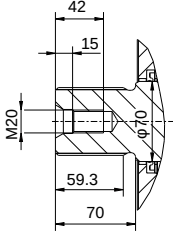
The axial piston fixed displacement pumps of the type F30 of D offer extremely high function safety. Its remarkably low noise levels, the high pressure rating, optimin ^ la, o"Ω / # A / ofH 7p, w e d ! f x b d

Shaft versions

Spline shaft

Coding D2

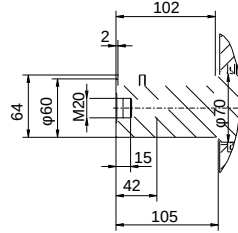
(DIN 5480 W60 × 2 × 28 × 9g)



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	Oil supply			

	Displacement (cm ³ /rev.)	Rated pressure (bar)	Minimum oil suction pressure (bar)	Case pressure (bar)	Self suction speed (rpm)	Minimum speed (rpm)	Temperature range ()	Weight (kg)
F30D - 280	280	420						



