

REXROTH 轴向柱塞泵A2F系列

南平市建阳区迪必达自动化科技有限公司

产品名称	REXROTH 轴向柱塞泵A2F系列 南平市建阳区迪必达自动化科技有限公司
公司名称	南平市建阳区迪必达自动化科技有限公司
价格	.00/个
规格参数	-:- -:- -:-
公司地址	南平市建阳区区黄花山路45号大潭映像1幢3单元 901室
联系电话	0599-8302509 13959199347

产品详情

All-purpose high pressure pump

Size 5 ... 1000

Nominal pressure up to 400 bar

Maximum pressure up 450 bar

Open circuit

Metric version

FEATURES Robust pump with long service life

Very high total efficiency

High power density

Large variety of available nominal sizes allows exact adjustment to the application

Optional with long-life bearings for the nominal sizes 250 to 1000

Bent-axis design

Size

510121623283245566380901071251601802002503555007101000

Displacementgeometric, per revolution

Vg

cm

4.9310.3121622.928.13245.656.16380.490106.7125160.41802002503555007101000

Nominal pressure

pnom

bar

315400400400400400400400400400400400400400400400400400350350350350

Maximum pressure

pmax

350450450450450450450450450450450450450450450450400400400400

Maximum speed

nnom 1)

rpm

560031503150315025002500250022402000200018001800160016001450145015501500132012001200950

nmax 2)

8000600060006000475047504750425037503750335033503000300026502650275018001600150015001200

Flow

at nnom

qV

l/min

27.6323850577080102112126145162171200233261310375469600852950

Power

at nnomand pnom

P

kW

14.522253438475368758496108114133155174207219273350497554

Torque 3)

at pnom

M

Nm

24.7667610214617920429035740151257367979610211146127313931978278539555570

Rotary stiffness

c

kNm/rad

0.630.921.251.592.562.933.124.185.946.258.739.1411.211.917.418.257.373.196.1144270324

Moment of inertia for rotary group

JTW

kg · m

0.000060.00040.00040.00040.00120.00120.00120.00240.00420.00420.00720.00720.01160.01160.0220.0220.03530.0610
.1020.1780.550.55

Maximum angular acceleration

rad/s

5000500050005000650065006500146007500750060006000450045003500350011000100008300550043004500

Case volume

V

l

0.170.170.170.20.20.20.330.450.450.550.550.80.81.11.12.72.53.54.288

Weight (approx.)

m

kg

2.56669.59.59.513.518182323323245456673110155325336

1) These values are valid at:- an absolute pressure of $p_{abs} = 1$ bar at suction port S- for the optimum viscosity range from $\nu_{opt} = 36$ to 16 mm²/s- with hydraulic fluid based on mineral oils
2) Maximum speed (limiting speed) with increased inlet pressure p_{abs} at suction port S, see the following diagram.
3) Torque without radial force, with radial force see table "Permissible radial and axial forces of the drive shafts"