



HYDAC INTERNATIONAL

Bieri Hydraulik AG Area / 超高壓領域

建築、橋樑、手工具、醫療、礦業



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BIERI
High Pressure Applications
From 500 to 1000 bar

Product Types

Axial piston pump

Combination

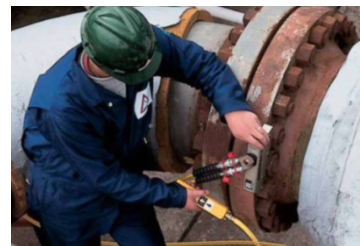
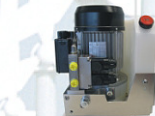
Compact hydraulic

Flow control valve

Installation and

Manual spool valve

Multi-outlet pump





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Bieri Hydraulik
AG

BIERI
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BIERI 500-1000bar

多孔pump
高低壓pump
等速舉昇
高壓慢速/低壓快速



7. BIERI HIGH PRESSURE HYDRAULICS

Radial piston pump	Geometric volume [cm ³ /rev]
BRK series 11 to 700 bar	from 0.47 to 6.33
BRK series 11 to 1000 bar	from 0.47 to 2.71
BRK series 12 to 1000 bar	from 1.10 to 8.14

Special radial piston pump ATEX

SRK ATEX series 11 700 bar	from 0.47 to 6.33
SRK ATEX series 12 700 bar	from 1.10 to 6.33

Special radial piston pump

SRK series 11 to 500 bar	0.47 to 4.52
SRK series 12 to 700 bar	1.1 - 5.65

Multi-outlet pumps	Number of outlets	Geometric volume [cm ³ /rev]
MRK series 11 700 bar	2 to 8	from 0.16 to 1.88
MRK series 11 1000 bar	2 and 4	from 0.23 to 1.02
MRK series 12 1000 bar	2, 4, 7 and 9	from 0.40 to 5.43
MRK series 03 to 700 bar	2 to 5	from 0.16 to 0.23
MRK series 14 to 700 bar	2 to 6	from 0.16 to 0.51
MRK series 15 to 700 bar	3 to 6	from 0.40 to 0.90

Combination pump	High pressure (BRK pump) Geometric volume [cm ³ /rev]	High pressure [bar]
BKP combination pump	from 0.47 to 8.14	1000-500

Combination pump with hollow shaft	High pressure Geometric volume [cm ³ /rev]	High pressure [bar]
KKP series 01 700 bar	from 0.12 to 0.24	700
KKP series 02 700 bar	from 0.17 to 0.24	700
KKP series 03 700 bar	from 0.47 to 0.68	700
KKP series 04 700 bar	from 0.68 to 1.88	700
KKP series 05 700 bar	2.71	625
SKP series 03 700 bar	from 0.45 to 0.80	700
SKP series 04 700 bar	from 0.68 to 2.16	700
SKP series 05 700 bar	2.71	700

Hollow shaft pump	Geometric volume [cm ³ /rev]
HRK series 01 to 700 bar	from 0.12 to 0.34
HRK series 02 to 700 bar	from 0.12 to 0.34
HRK series 03 to 700 bar	from 0.47 to 0.79
HRK series 04 to 700 bar	from 1.13 to 2.01
HRK series 05 to 700 bar	from 2.54 to 4.52

Micropump	Geometric volume [cm ³ /rev]
AKP series 01	0.1
AKP series 02	0.3

MICRO-Axial piston pumps

Type AKP

500 bar
0,1 up to 0,36 cm³/rev

Features

- High volumetric efficiency (also by very low speed rates)
- Low noise level
- Various speed ranges
- Continuous self lubrication and cooling through the suction flow
- Small mounting dimensions
- Automatic venting by raising and lowering the pressure or by switching the motor on and off several times
- Venting time can be shortened essentially through a pre-filling



軸向pump
小空間高出力的應用