

**Features**

- High volumetric efficiency
- Self-priming and venting
- Low pulsation
- Low noise level
- Low life
- Specially suitable for demanding applications with continuous pressures up to 1000 bar
- Combination with low pressure gear pumps possible

<b>Radial piston pumps</b>	<b>Type BRK</b>
<b>up to 1000 bar</b>	<b>up to 6,33 cm<sup>3</sup>/rev</b>



The valve controlled radial pump is of modular construction and can be supplied with 3, 5 or 7 pistons per bank.

Multi outlet, other displacements, pressure- or revolution ranges on request. Combination with gear pumps as per separate data sheet for BKP.

**Technical data**

Hydraulic fluid	mineral oil according to DIN 51524 (other fluids on request)	
Fluid temperature range	NBR: -30 to 80 °C FPM: -20 to 80 °C	
Ambient temperature range	-30 to 50 °C	
Viscosity range	5 to 220 mm <sup>2</sup> /s (optimal: 15 - 35)	
Suction pressure	-0,2 to 0,5 bar relative	
Filtration	according to NAS 1638 class 8 or ISO/DIN 4406 16/14	
Material	pressure flange	
	1 000 bar	steel
	700 bar	cast steel
	diving shaft	steel
	cover	cast aluminium
Weight	see table	
Installation position	any	
Radial force / Axial force onto driving shaft	not allowed	
Direction of rotation	any	
Suction height	max. 500 mm	





<b>Radial piston pumps</b>	<b>Type BRK</b>
<b>up to 1000 bar</b>	<b>up to 6,33 cm<sup>3</sup>/rev</b>

Ordering code: Example

BRK	01	-	0,47	-	1000	-	P	-			00
-----	----	---	------	---	------	---	---	---	--	--	----

Radial piston pump

Size

Displacement [cm<sup>3</sup>/rev]

Operating pressure max. [bar]

**Seals**      P (NBR)  
                   V (FPM)

**Special design**

01 ... 99  
 (00 for standard)

**Part index**

Please leave it blank  
 (small letters a-z;  
 different letters do  
 not effect  
 interchangeability)

**Design revision**

see dimension drawings  
 (capital letters A-Z; identical  
 letters equal same connecting  
 dimensions)

As we are constantly improving our products,  
 we keep us the right to change the technical  
 specifications without prior notice.

**Bieri Hydraulik AG**  
 Könizstrasse 274  
 CH-3097 Liebefeld/Switzerland  
 Tel. +41 31 970 09 09  
 Fax +41 31 970 09 10  
 sales@bierihydraulics.com

**BIERI**  
 SWISS HYDRAULICS

BRK-EN-0608

www.57382299.com