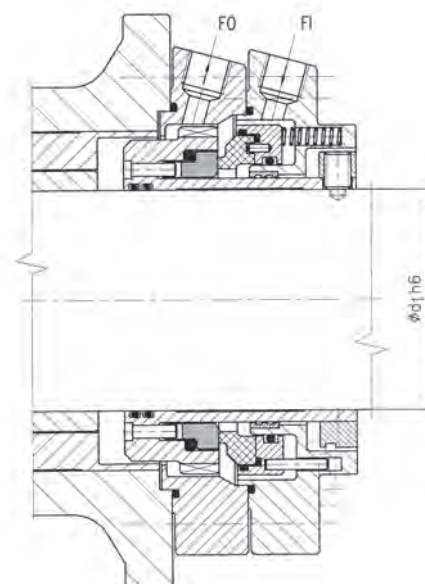
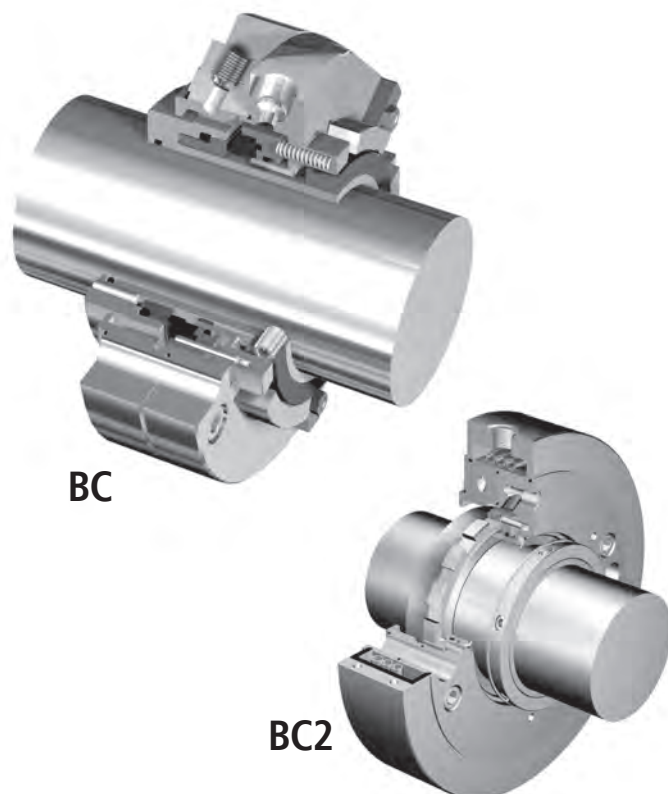


Operating limits*		
Pressure	p_{max}	6.0 MPa
Temperature	t_{max}	200 °C
Speed	v_{max}	25 m/s

* - see note on page 3.

- Single compact (cartridge) mechanical seals
- Balanced
- Dual directional
- Multi-spring



Application

Mechanical seals types BC are designed for centrifugal pumps and other equipment with rotating shafts handling hot water mainly used in heat and power plants and other industries that use process hot water.

ANGA offers also version **BC2** with integral cooler. Main body of the seal is the same like in type BC with a cooling effect forced by rotation of the seal and the same way of assembling. The cooling system is optimized and redesigned in a specific way.

Examples of application

Type of seal	Type of pump	Manufacturers of pumps
34 BC	8 C 16	POWER-WAFAPOMP GROUP
41 BC	6 CD 25	POWER-WAFAPOMP GROUP
45 BC (55 BC)	W 14 P	POWER-WAFAPOMP GROUP
48 BC (56 BC)	W 14 PzAx4GV	POWER-WAFAPOMP GROUP
50 BC	HG-3D	KSB
52 BC	HG1	KSB
58 BC	WT 200	KSB
68 BC	HM 200x3	POWER-WAFAPOMP GROUP
75 BC (85 BC)	HD 150x8	POWER-WAFAPOMP GROUP
80 BC (88 BC)	15 Z 28, 15 Z 33	POWER-WAFAPOMP GROUP
85 BC	FA1D	WORTHINGTON
110 BC	150 CHP	SIGMA
110 BC	200 CHP	SIGMA
110 BC	HDG	KSB
110 BC	PE-270	SIGMA
140 BC	12 WNC 146	WORTHINGTON

Features

- Cartridge, compact design without auxiliary external installation (cooler, pipes and other equipment),
- easy and quick assembly and disassembly,
- better working conditions of the seal - better heat dissipation,
- while the pump is not working, the seal is cooled continuously and o-rings have longer lifetime.

Materials

Part	Code
Stationary and rotating rings	A, B, U, Q
Secondary, flexible seals	E, P, K, V
Spring	G, M
Other metal parts	F, G