

8" GOULD 3196 MT and DURCO MKII GRPII BACK COVER/SEAL CHAMBER ASSEMBLY INSTRUCTIONS

Section	Forms
Effective	Oct 2004
Replaces	ASD200,rev B

SCOPE:

The Blackmer System One back cover/seal chamber allows the use of an oversized seal chamber (4.50 diameter) with a tangential flush (1/4" NPT) on the Goulds 8" MT and the Durco 8" GRPII pumps.

GOULDS 3196 MT 8"

The shaft diameter through the seal chamber on the Goulds MT is 1.750". The back cover/seal chamber seal opening is a 2.69" diameter. There are four 1/2"-13 studs on a 4.88 B.C. to attach the mechanical seal. A carbon throat bushing is available.

DURCO MKII GRPII 8"

The shaft diameter through the seal chamber is 1.875". The back cover/seal chamber seal opening is a 2.69 diameter. There are four 1/2"-13 studs on a 4.88 B.C. to attach the mechanical seal. A carbon throat bushing is optional.

DISASSEMBLY:

1. Remove the existing casing, impeller and back cover.

ASSEMBLY:

1. Install the mechanical seal per the seal installation instructions.
2. Assemble the back cover/seal chamber to the bearing frame.
3. Screw the impeller to the shaft.
4. If installing on a Durco, set the impeller clearance to .015" minimum off the back cover/seal chamber.
5. Install the gasket onto the back cover/seal chamber and assemble the pump.
6. If installing on a Goulds, set the impeller clearance .015" off the casing.
7. Assemble the seal to the pump according to the seal installation instructions.

