

# ABBAH S.O.S.

## DISC BRAKE FRONT DH HUB

### INSTALLATION AND MAINTENANCE INSTRUCTIONS

Your Ringle ABBAH SOS hub has been designed to be universally compatible with several disc brake systems. Without adapters the ABBAH SOS front DH hubs disc mounting surface to the dropout offset will accommodate the Magura, and Pro Stop brake systems. Other systems such as Hayes, Rock Shox, Amp, and Hope can be used, but require the correct adapter. (Contact Sun Ringle if the correct adapter is not supplied.)

### WHEEL BUILDING

The ABBAH SOS hub is designed to be laced with 14 gauge, or 14/15gauge butted spokes in a three cross configuration. DO NOT use a radial spoke configuration. Unlike linear pull, or cantilever brakes that stop the wheel rotation by the rim, disc brakes transmit stopping force through the spokes. Radial lacing a disc brake wheel will risk damage to the spokes, nipples, rim, and hub, and will void the factory warranty.

### HUB DIMENSIONS:

Spacing	110mm
Disc side flange diameter	60mm
Non disc side flange diameter	54.5mm
Center to flange disc side	23mm
Non disc side	34.5mm

### DISC MOUNTING

Follow the disc mounting specifications that are recommended by the brake system that you are using. When an adapter is needed, be sure that the torque transfer splines on the adapter mate up with the splines on the hub. **Note:** make sure that all of your disc mounting bolts are torqued down to the disc brake manufacturers specification during setup, and before each ride. Improperly fastened bolts can cause damage to the hub under braking load.

**SUN RINGLE LIMITED WARRANTY:** Sun Ringle racing components warrants to the original retail purchaser that all of its products are of the finest quality and are free from manufacturer defects for a period of one year from the date of original retail purchase (so like many items it is a good idea to keep your receipt just in case of a warranty claim). It is at the sole discretion of Sun Ringle racing components to repair or replace any one of its products during the above warranty period. ALL warranties are VOID if product is subject to abuse, crash, damage, neglect or lack of maintenance, improper installation, improper repair, alterations or use unintended by the manufacturer. This warranty is in lieu of all other agreements and warranties, general or special, express or implied and no representative or person is authorized to assume any liability on behalf of Sun Ringle racing components in connection with the sale or use of our products.

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