



Submarine Manufacturing & Products Limited

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Blackpool Road, Newton, Preston, Lancashire, United Kingdom PR4 3RE

PRODUCT DATASHEET

Kirby Morgan Diamond Commercial Diving Helmet



THIS PRODUCT HAS THE FOLLOWING OPTIONS:

- Kirby Morgan Diamond? Helmet w/Posts
- Kirby Morgan Diamond? Helmet w/MWPC

OVERVIEW



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The Kirby Morgan® Diamond is the next modular variation to the KMDSI stainless steel helmet. When the KM Diamond is attached to our stainless steel helmet shell the diver can operate in either a surface exhaust or ambient water exhaust diving mode.

Configurations

500-710 - Kirby Morgan Diamond® Helmet w/Posts

500-711 - Kirby Morgan Diamond® Helmet w/MWPC

DESCRIPTION

Before the diver enters the water, with a simple two-step process, they have the opportunity to switch the helmet into surface vent mode where their exhaled gas is sent to the surface and not into the surrounding water where they are working. On the surface the exhaled gas can be sent to a reclaim system or simply secured on an open deck to vent into the atmosphere. The KM Diamond can be also operated in the open circuit mode for the entire dive.

The advantages of this stainless steel helmet include the following:

- Rugged helmet shell and other components
- No refinishing required if the surface is scratched or gouged
- Elimination of threaded inserts for securing port retainer to helmet shell

FEATURES

SPECIFICATION

This section includes a detailed description of the KM Diamond, as well as important operational specifications. Weight:

KM Diamond - 34.8 pounds Helmet Shell:

Stainless Steel Control Knobs:

Polyurethane Face Port/Lens:

Scratch Resistant Polycarbonate Neck Dam:

Neoprene. Optional latex neck dam available O-rings:



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Buna-N Head Cushion:

Nylon bag filled with #4 Polyester foam Recommended Lubricants:

Kirby Morgan recommends Christo-Lube[®] or equivalent for all gas train components. Dow Corning[®] 111 Silicone or equivalent may be used for this helmet ONLY when noted. Inhalation Regulator:

The Inhalation body and Pod is one complete unit with the regulator based on the Kirby Morgan 455 Balanced Regulator. CR Standards:

This helmet meets or exceeds all standards established by Dive Lab of Panama City, Florida, and are CR (Commercially Rated) marked. Note

The minimum operating temperature recommended for this helmet is 34 °F (1 °C), without the use of the water shrouds and hot water.

Without a hot water and the shroud system, the diver may be subject to hypothermia due to cold gas inspiration temperatures.

ORDER THIS PRODUCT

To order this product or to request a price contact our UK sales team on **+44 (0)1772 687775**

Alternatively you can place a quote request through our website [http://www.smp-ltd.co.uk/](http://www.smp-ltd.co.uk) or send an email to sales@smp-ltd.co.uk