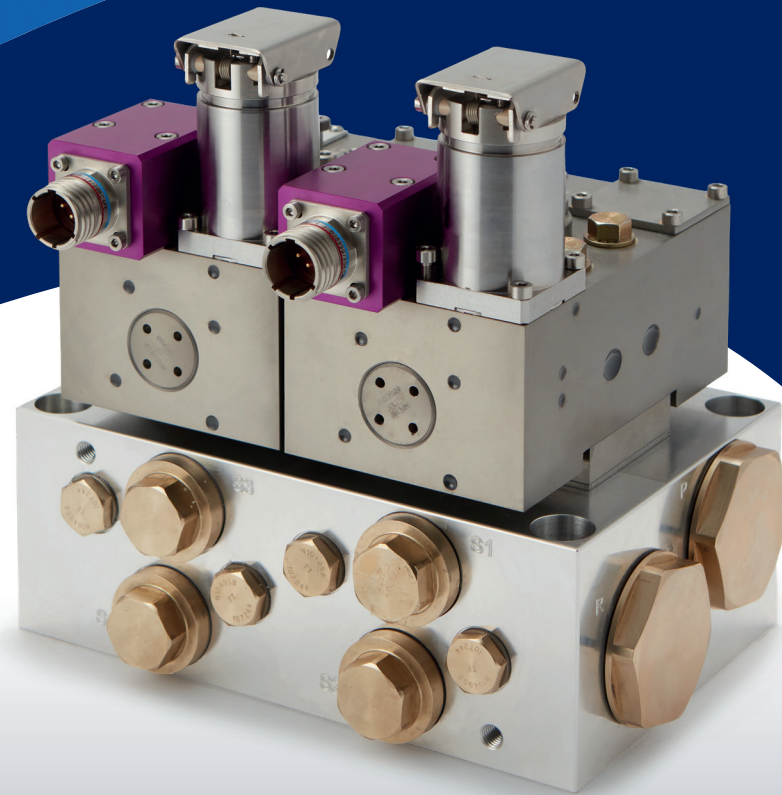




MV185 - MANIFOLDS

Actuated Hydraulic
Control Valve



YOUR CREATIVE ENGINEERING PARTNER

MV185 - MANIFOLDS

Actuated Hydraulic Control Valve

MV185 is used on Hydraulic Actuation systems throughout the sub-platform, including Weapons Handling, Firing Systems, Mast and Hydroplane actuation. They are used across a wide range of submarine platforms.

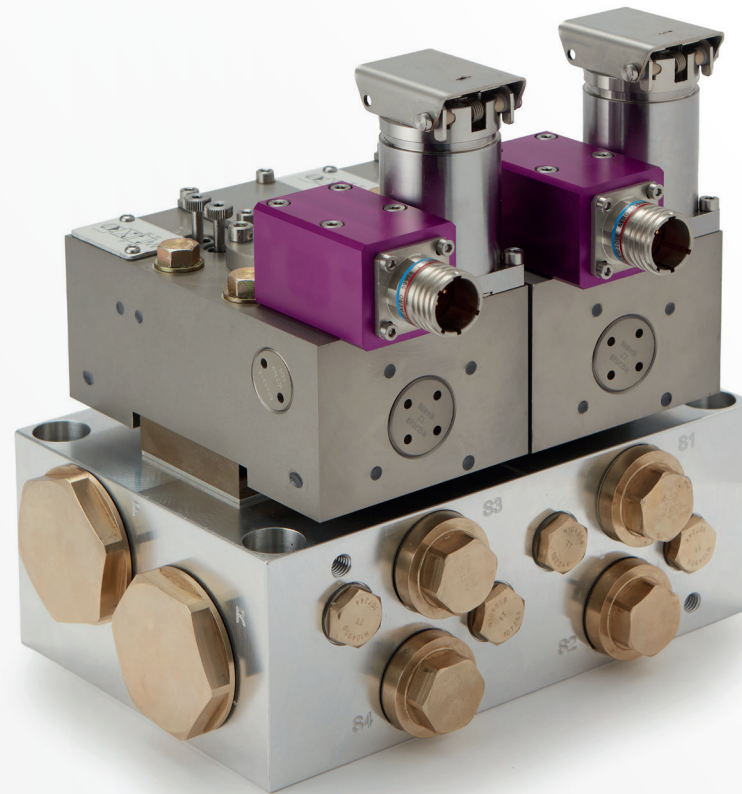
HIGHLIGHTS

- > Highly Reliable Shear-seal Technology
- > Aluminium construction for lightweight construction
- > 3/2 & 4/2, configurations available
- > 25-year life

IDEAL USES

- > Sub platforms
- > Masts Actuation
- > Weapon handling
- > Internal water tight doors
- > Hydroplane Actuation
- > Other Hydraulic Application

+70°C



Maximum
Rating
207
barg
MWP

Temperature
Range
**-5 to
80**
Degree Celsius

Media
OX30

FEATURES AND SPECIFICATIONS

High-Cycle Life

> Tested to 80,000 cycles

Reliability

> 25 years service life

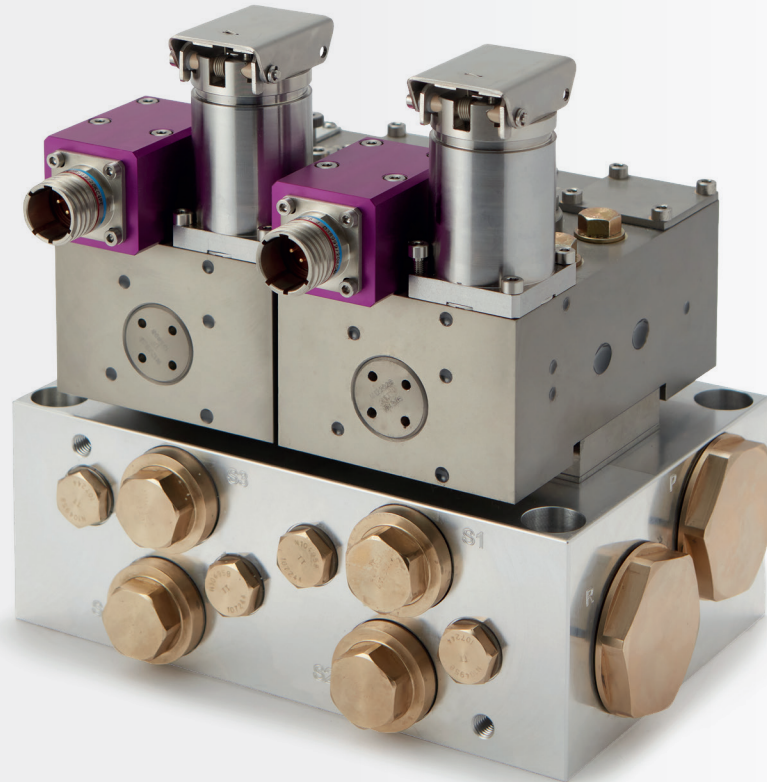
Ease of Operation

> Remote operation
> Lockable manual override facility

Various configurations of 2-3 and 4-3 available

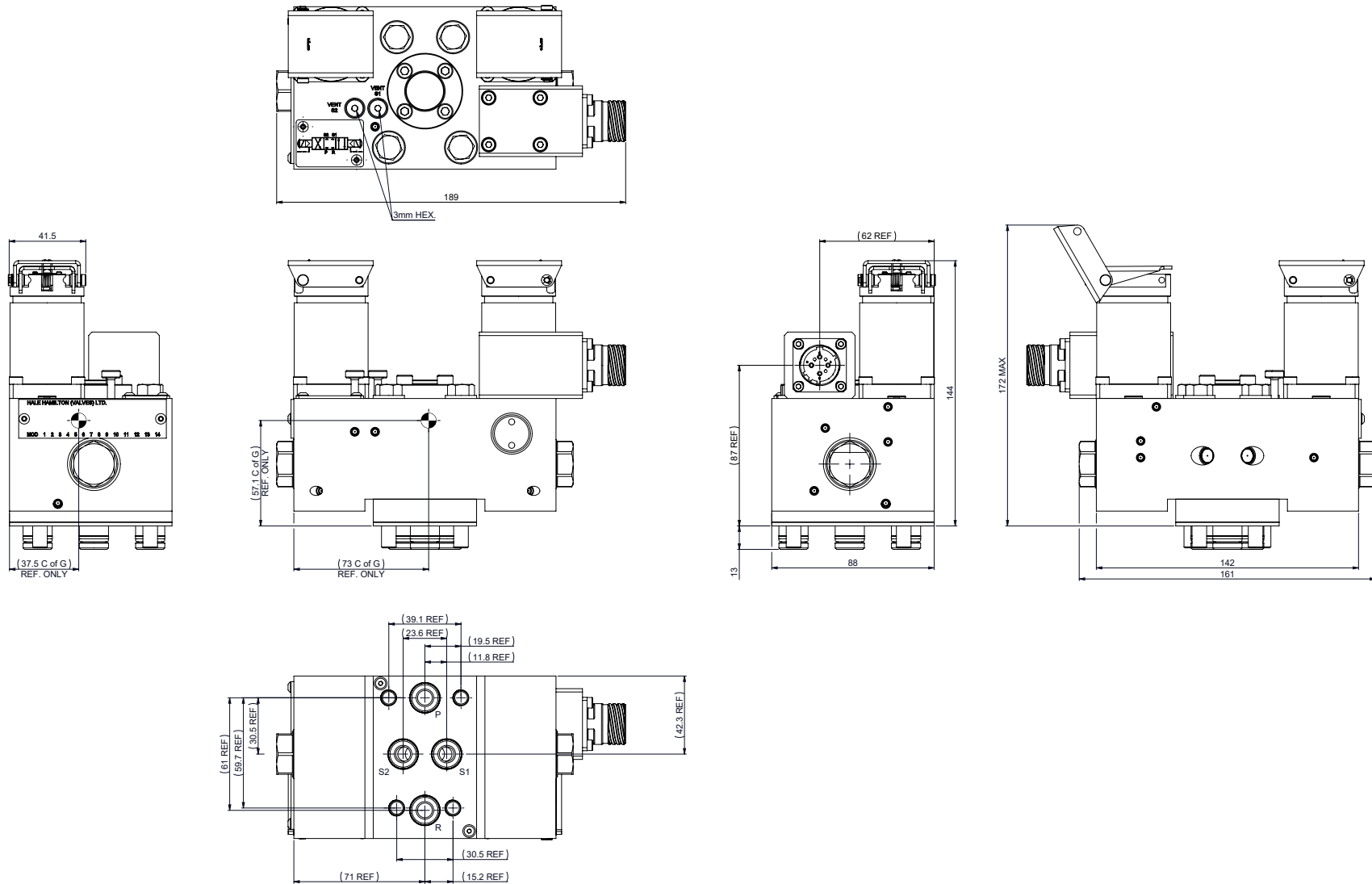
Two configurations of manual actuation available

Shock Tested

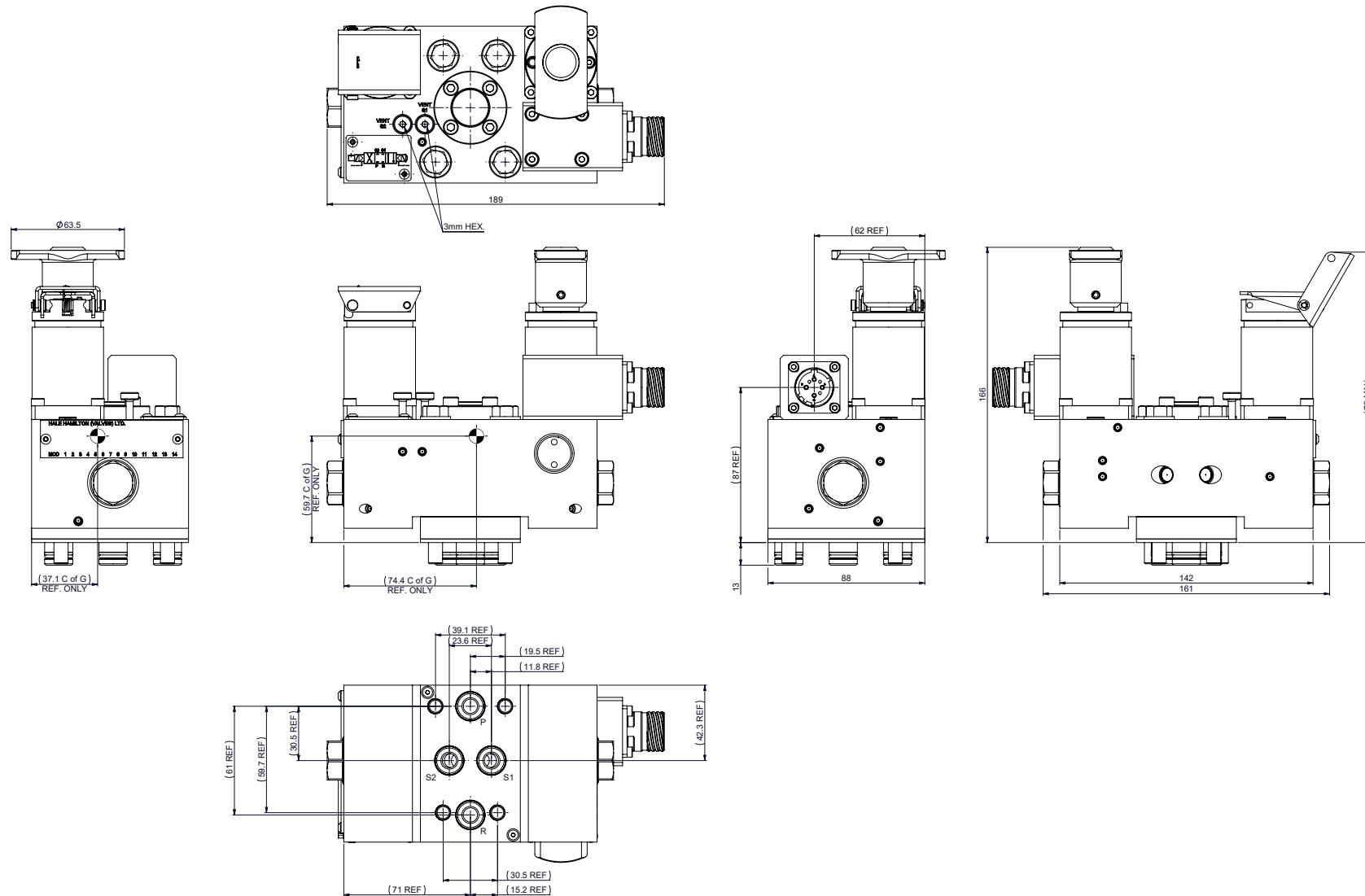


PRODUCT SPECIFICATION DATA	MV185
Media	OX30
Maximum Rating	207bar MWP
Sealing Materials	FKM
Leakage	3cc/min max
Temperature Range	-5C to 80C (Short time period exposure up-to 120 degree C)
Ports	Std - 8mm or High Flow - 9mm
Materials of Construction	Stainless Steel & Aluminium
Operating Parameter	24V DC (or) 115V AC
Configurations	Various options in 2-3 and 4-3

PRODUCT DIMENSIONS (IN MM): 4-3 OPTION



PRODUCT DIMENSIONS (IN MM): 4-3 WITH AN ALTERNATIVE MANUAL ACTUATION OPTION



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www.circor.com
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