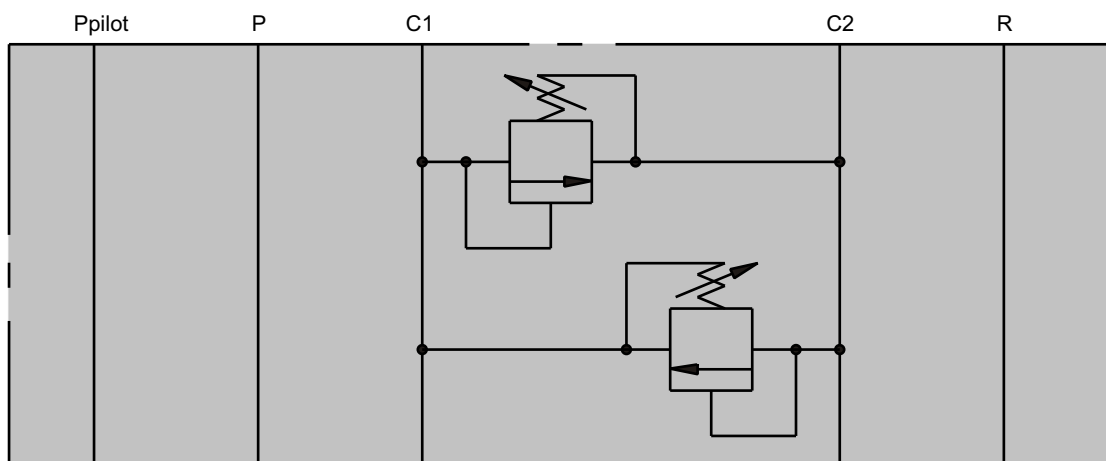


# star

hydraulics ltd

SERVO TECHNOLOGY  
AND RESEARCH

# SM089-F Equal Area Pressure Relief Module



- Prevents over pressureization in control ports
- Dirt tolerant
- Rapid response
- Low leakage
- Fits valve models 890, 892
- Port pattern to ISO 10372-06-05-0-92
- 4 & 5 port (Ppilot) supply

Star Hydraulics Ltd.  
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Tewkesbury Industrial Centre  
Tewkesbury  
Gloucestershire GL20 8SR  
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Tel.: 01684 296176  
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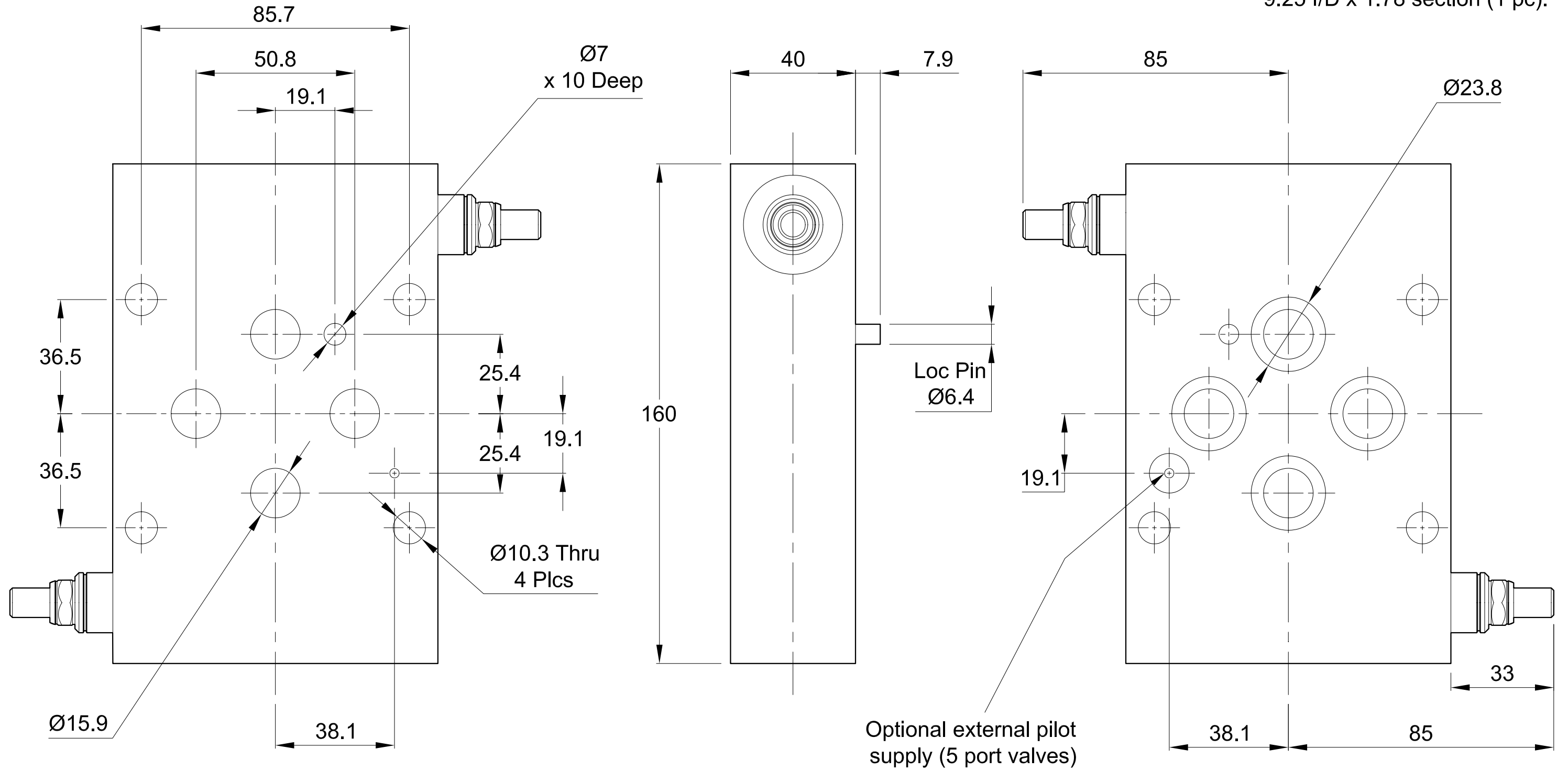
Email: [sales@star-hydraulics.co.uk](mailto:sales@star-hydraulics.co.uk)  
Web: <http://www.star-hydraulics.co.uk>

**Description**

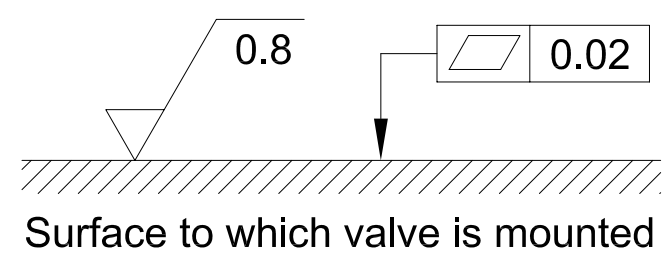
This module contains 2 direct acting pressure limiting valves to maintain the servovalve to actuator control ports. The valves are available in a variety of pressure settings and may also be fixed or field adjustable. With high inertial loads the relief valves prevent excessive transients being generated. The valves can also be used to limit the control pressures to figures lower than that of the main supply.

<b>Maximum pressure</b>	350 bar, alternatives available contact factory for details
<b>Seal material</b>	NBR 90
<b>Leakage rate</b>	10 drops/min at reseal
<b>Response</b>	0.002 sec
<b>Weight</b>	2.1 kg
<b>Fluid type</b>	Petroleum based mineral oils For operation with other media contact factory
<b>Solenoid rating</b>	N/A
<b>Voltage tolerance</b>	N/A
<b>Electrical connector</b>	N/A

Base O-Rings:  
 20.35 I/D x 1.78 section (4 pcs).  
 9.25 I/D x 1.78 section (1 pc).



Optional external pilot supply (5 port valves)



<b>Installation Details SM089-F-...</b>	
Dimensions in millimeters 3rd angle projection	Filename