



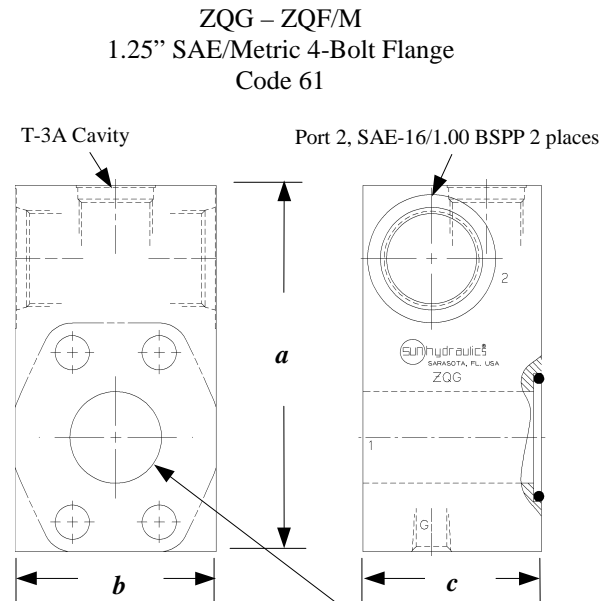
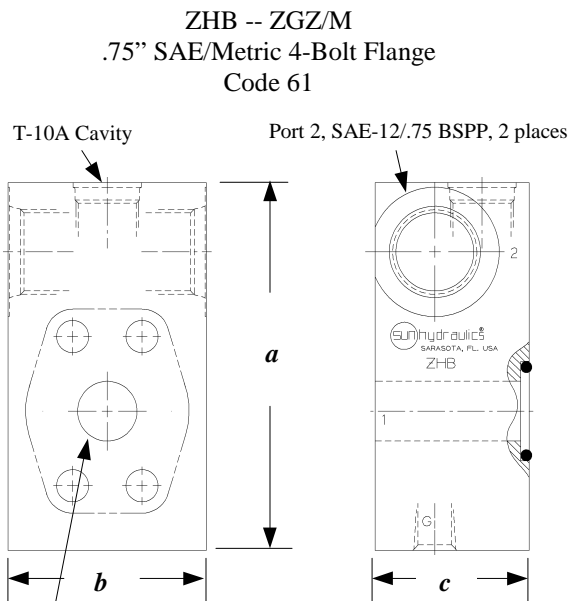
# PRODUCT SOLUTIONS



March 22, 1999  
#999-901-190

## Direct Flange Mount Relief Valve Packages

Sun Direct Flange Mount Relief Valve Packages are pre-packaged relief valve assemblies that bolt inline to an SAE 4-bolt flange port. These packages are very slim and compact, and conveniently mount a relief valve directly to a pump outlet flange. They utilize reliable, flexible and easily service cartridge style elements. Available with both inch and metric standard port interfaces.



Port 1  
Both  
Sides

Flow	Sun Model Code	a	b	c
25 GPM	ZHB*	4.62	2.50	1.94
25 GPM	ZGZ/M**	4.62	2.50	1.94
50 GPM	ZQG*	5.00	2.75	2.44
50 GPM	ZQF/M**	5.00	2.75	2.44

Port 1  
Both  
Sides

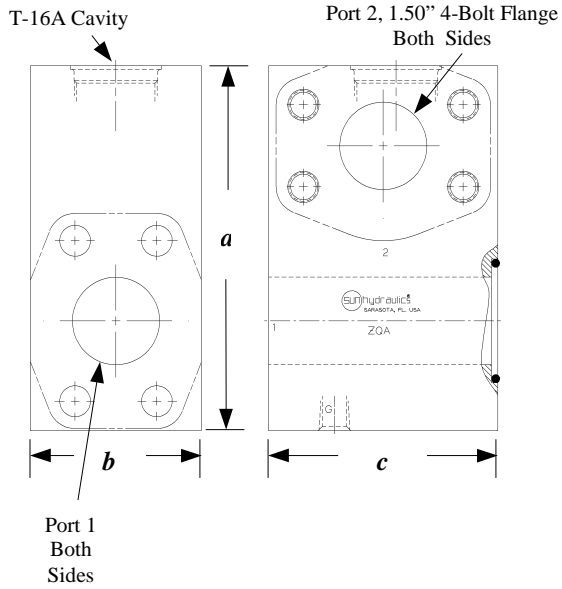
\*Add modifier /S for ductile iron

\*\*Replace modifier /M with /T for SG iron

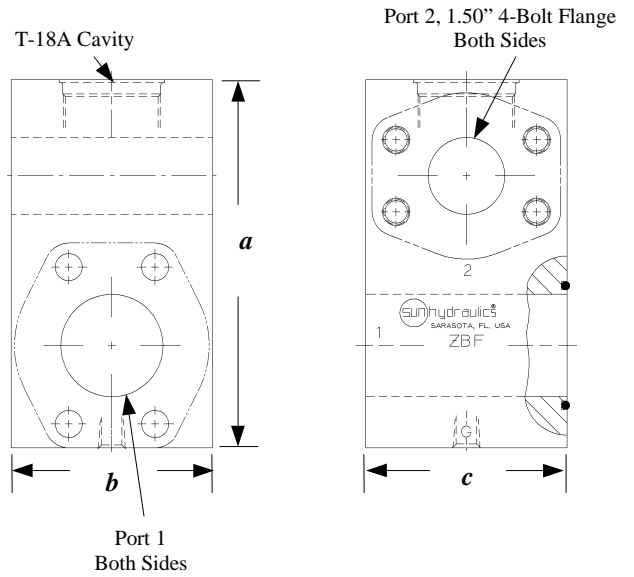
### Benefits:

- Convenient – assembled and ready to bolt into place
- Versatile
  - Flows up to 200 GPM
  - Pressure rated up to 5000 psi
  - Aluminum or ductile iron manifold
  - Code 62 flange option available
- Relief valve options
  - Pilot operated
  - Direct rapid response
  - Air pressure piloted
  - Kick-down
  - Tamper resistant

**ZQA**  
1.50" SAE/Metric 4-Bolt Flange  
Code 61



**ZBF**  
2.00" SAE/Metric 4-Bolt Flange  
Code 61



<i>Flow</i>	<i>Sun Model Code</i>	<i>a</i>	<i>b</i>	<i>c</i>
100 GPM	ZQA*	4.62	2.50	1.94
100 GPM	ZQA/M**	4.62	2.50	1.94
200 GPM	ZBF*	5.00	2.75	2.44
200 GPM	ZBF/M**	5.00	2.75	2.44

\*Add modifier /S for ductile iron

\*\*Replace modifier /M with /T for SG iron