



*Performance  
Reliability  
Quality*



## Say Goodbye to Pressure Spikes That Hammer Your Hydraulic Starters

Smart-R-Valve components tested over a million cycles results in a superior product

NO MORE broken ring gears

NO MORE broken drives

NO MORE broken nosecones

NO MORE downtime

Eliminates pressure spikes

PreEngages the pinion to ring gear

No adjustments, works to 40° below zero

# SMART-R-VALVE™

*The Soft Engagement Valve*

Patent pending

## **Pow-R-Quik**

**MARADYNE CORPORATION (HQ)**

4540 West 160th Street, Cleveland, OH 44135

216.362.0755 phone | 800.537.7444 toll free | 216.362.0799 fax

email: [sales@powrquik.com](mailto:sales@powrquik.com)

## SMART-R- VALVE ADJUSTMENTS & SETTINGS

None required

## MODELS AVAILABLE

### 6-HS-223 SERIES STARTERS:

P/N 6-10-603

Flow rating: 40 GPM

Fluids: Mineral Based or Synthetics

Viscosity: 7.4 to 420 cSt (50 to 2000 SUS)

**Consult factory for extreme ambient temperature applications**

Max Operating Pressure: 3300 PSI (227 Bar)

Temperature Range: -40° to 180° F

Seal Material: Standard Buna Seals

### 6-HS-360 SERIES STARTERS

P/N 6-10-601

Flow rating: 40 GPM

Fluids: Mineral Based or Synthetics

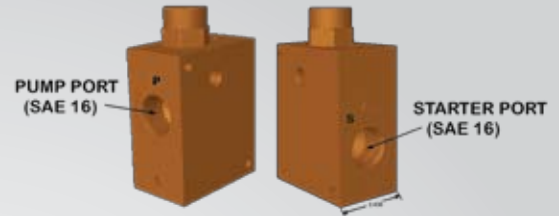
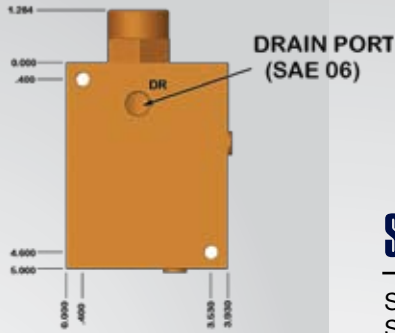
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## SMART-R- PORTING

SAE 06: "DR" – Drain Port

SAE 16: "P" - Pump Port

SAE 16: "S" - Starter Port

**All SAE ports are Straight Threaded O-ring Boss (ORB)**

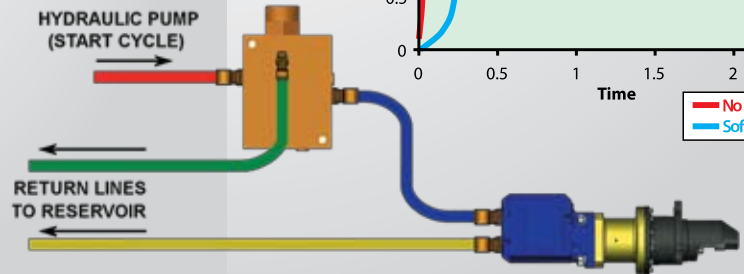
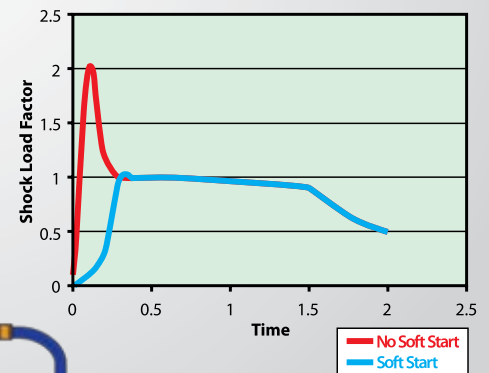
## FLUID CLEANLINESS:

Recommended oil cleanliness level: 15/13/11

Return filter 10 micron or finer with a beta ratio greater than or equal to 200.

**The common cause of valve failure is due to fluid contamination.**

Shock Loading Comparison



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