



WELL MASTER
Produce more. Spend less.

SCREAMIN' EAGLE™

CLUTCHED, CONTINUOUS RUN, BYPASS PLUNGER

APPLICATIONS

- Wells in the initial stages of liquid loading
- Deep, fast flowing wells with high gas or liquid volumes
- Ideal for deviated and horizontal wells
- High producing gas injected wells
- Wells moving 150+ BBLs/day

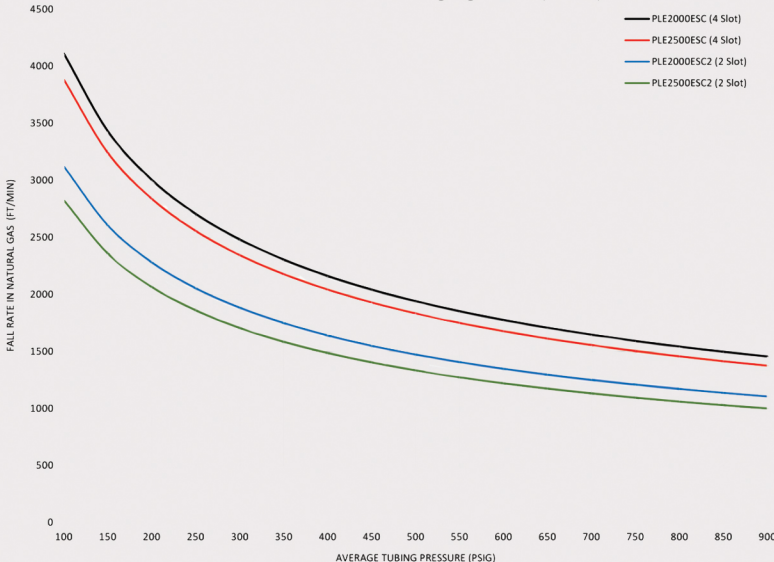
FEATURES AND BENEFITS

- **Robust High Strength Alloy** clutch spring design prevents premature valve actuation
- Enclosed spring **provides extra protection** for moving parts
- Designed for high cycle rates for **optimal deliquification**
- Clutched and non-clutched versions for multiple applications
- Fall-against-flow rate **rivals ball and sleeve designs**
- Valve closes on contact with bottom spring assembly
- Bypass design **features 2 or 4 large ports** for efficient fall time



PLE2000ESC

Fall Rates of Screaming Eagle in Gas (Shut in)



Maximum Recommended Flow (Ft/min)

Pressure (PSI)	2-3/8"		2-7/8"	
	ESC 4-Slot	ESC2 2-Slot	ESC 4-Slot	ESC2 2-Slot
100	847	630	1,193	846
200	1,209	891	1,700	1,192
300	1,469	1,076	2,064	1,434
400	1,678	1,221	2,355	1,624
500	1,855	1,342	2,600	1,780
600	2,009	1,446	2,813	1,912
700	2,145	1,536	3,002	2,027
800	2,269	1,617	3,172	2,128
900	2,381	1,689	3,326	2,218

- Plunger will fall at any continuous rate less than the # in the box



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TECHNICAL SPECIFICATIONS

Part No.	Outside Tubing Dia. (in.)	Nominal Inside Tubing Dia. (in.)	Nominal Tubing Weight (lbs./ft.)	Plunger Length (in.)	Nominal Plunger Dia. (in.)	Plunger Weight (lbs.)
PLE1500ES	1 1/2	1.625	2.36	13.63	1.500	3.96
PLE1500ESC	1 1/2	1.650	2.36	13.63	1.500	3.96
PLE1700ES	2 1/16	1.751	3.25	23.60	1.641	4.42
PLE1700ESC	2 1/16	1.751	3.25	23.60	1.641	4.42
PLE2000ES	2 3/8	1.995	4.70	19.16	1.900	8.21
PLE2000ES2	2 3/8	1.995	4.70	19.16	1.900	8.21
PLE2000ESC	2 3/8	1.995	4.70	19.16	1.900	8.21
PLE2000ESC2	2 3/8	1.995	4.70	19.16	1.900	8.21
PLE2000EN	2 3/8	1.995	4.70	19.16	1.900	8.64
PLE2000ENC	2 3/8	1.995	4.70	19.16	1.900	8.64
PLE2000ENC2	2 3/8	1.995	4.70	19.16	1.900	8.64
PLE2500ES	2 7/8	2.441	6.50	19.58	2.335	14.01
PLE2500ESC	2 7/8	2.441	6.50	19.58	2.335	14.01
PLE2500ESC2	2 7/8	2.441	6.50	19.58	2.335	14.01
PLE2500EN	2 7/8	2.441	6.50	19.58	2.335	14.01
PLE2500ENC	2 7/8	2.441	6.50	19.58	2.335	14.01
PLE2500ENC2	2 7/8	2.441	6.50	19.58	2.335	14.01
Options Available:	2 slotted or 4 slotted options available All sizes available in clutches or non-clutched Stainless steel options available					
Materials of Construction:	Valve assembly and cage body constructed of stainless steel heat-treated to H1150M condition for corrosive applications. Hardened and nickel plated 4140 steel for sweet gas service					

Contact Well Master today to find out how we can optimize your oil and gas well production.

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