



HYDRAULIC SWING GATE OPERATORS

SECURITY • SAFETY • RELIABILITY • ENDURANCE



Model 500 Operator



Model 600 Operator

Model 800/900 Long Continuous Duty Operator



Model 800/900 Continuous Duty Operator



Providing the highest quality automated gates since 1991, Byan Systems, Inc. is a manufacturer of swing gate, slide operators and access control products. We are the leading innovators in the field of gate operators and pre-wire controls. We are #1 in security, safety, endurance and reliability: assisting you in perimeter security.

The Hydraulic Swing Gate Operators are ETL Listed to UL Standard 325 specifications.

Byan Systems Hydraulic Swing Gate Operators are self contained units, which keep contaminants out of the hydraulic fluid. We use specially formulated hydraulic fluid for extreme temperatures. Color options are available to compliment your gates.

307.334.2865

Fax 307.334.2028

P.O. Box 1384 | 413 South Linden Street | Lusk, Wyoming 82225

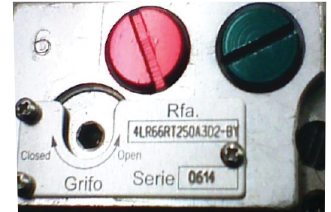
www.byan.com

Toll Free 800.223.2926



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- **Flow Control** for speed adjustment
- **Built-in slow down** on the last $\frac{3}{4}$ " of piston's travel
- **Check valve assemblies** are standard to prevent gate drifting
- **Adjustable pressures** help with heavy gates or wind loads
- No need for installation of physical stops provides **savings in parts and labor**
- **Optional adjustable hardware** makes installation easier



SPECIFICATIONS:

Model 500 Operator

Motor	1/6 Horsepower
Hydraulic Pump	Spur Gear
Power Supply	115-Volt or 220-Volt
Amp Draw	4 Amps
Temperature Range	-40°F to 240°F
Overall Length of Operator	38 Inches
Piston Travel	7.9 Inches
Width / Height Maximum	4.33 Inches
Maximum Speed 90 Degrees	Approximately 12 Seconds
Maximum Gate Opening	90 Degrees
Maximum Gate Length	12 Feet
Maximum Weight of Gate Leaf	1500 Pounds
Duty Cycle (Open / Close)	40 Cycles per Hour

Model 600 Operator

Motor	1/6 Horsepower
Hydraulic Pump	Spur Gear
Power Supply	115-Volt or 220-Volt
Amp Draw	4 Amps
Temperature Range	-40°F to 240°F
Overall Length of Operator	42 Inches
Piston Travel	9.84 Inches
Width / Height Maximum	4.33 Inches
Maximum Speed 90 Degrees	Approximately 12 Seconds
Maximum Gate Opening	100 Degrees
Maximum Gate Length	14 Feet
Maximum Weight of Gate Leaf	2000 Pounds
Duty Cycle (Open / Close)	50 Cycles per Hour

Model 800/900 Continuous-Duty Operator

Motor	1/6 Horsepower
Hydraulic Pump	Spur Gear
Power Supply	115-Volt or 220-Volt
Amp Draw	4 Amps
Temperature Range	-40°F to 240°F
Overall Length of Operator	42 Inches
Piston Travel	9.84 Inches
Width / Height Maximum	4.33 Inches
Maximum Speed 90 Degrees	Approximately 13 Seconds
Maximum Gate Opening	120 Degrees
Maximum Gate Length	16 Feet
Maximum Weight of Gate Leaf	3000 Pounds
Duty Cycle (Open / Close)	Continuous

Model 800/900 Long Continuous-Duty Operator

Motor	1/6 Horsepower
Hydraulic Pump	Spur Gear
Power Supply	115-Volt or 220-Volt
Amp Draw	4 Amps
Temperature Range	-40°F to 240°F
Overall Length of Operator	53.25 Inches
Piston Travel	15.75 Inches
Width / Height Maximum	4.33 Inches
Maximum Speed 90 Degrees	Approximately 18 Seconds
Maximum Gate Opening	120 Degrees
Maximum Gate Length	Up to 24 Feet (for gates over 18 feet, contact Byan Systems)
Maximum Weight of Gate Leaf	3000 Pounds
Duty Cycle (Open / Close)	Continuous

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