

BLOOM™ WINCH

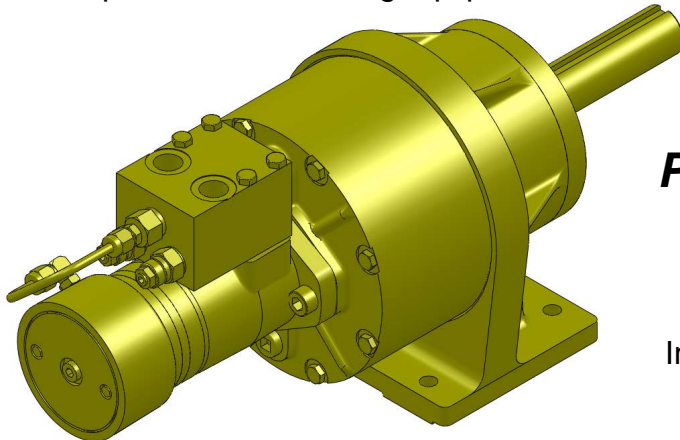


Series 2000H

Hydraulic Speed Reducer

*"Quality Since
1910"*

The rugged construction and versatility of the **Series 2000H Speed Reducer** is ideal for stationary & mobile applications where high speed, high torque, or variable speed and reversing are needed. Applications include paving and curb forming, ditching, irrigation and plastic and extruding equipment.



***Powerful – Compact
Efficient***

Up To 24,000
Inch Pounds of Output Torque

Bloom™ Hydraulic Speed Reducers – Standard Features

MOTOR-BRAKE

- ***DUET-SAFE® Double Action Braking System*** combines a powerful spring applied, hydraulic released motor-brake with a double counter balance brake valve to automatically hold loads when hydraulic pressure is released and control speed during lowering operations. Speed Reducer is ideal for high speed lifting and pulling applications or wherever load holding is critical.

GEAR CASE

- Made of high strength steel. Completely sealed for oil enclosed operation and to keep dirt out.

PLANETARY GEAR

- High Efficiency Double Reduction – Rugged – Built to Last.

GEAR RATIO

- 17:1 Standard.

BEARINGS

- Shaft is supported by two heavy duty oil lubricated bearings in gear case.

OUTPUT SHAFT

- 1-1/2" diameter heat -treated alloy steel minimum tensile strength 150,000 psi.



www.bloommfg.com

BLOOM

Manufacturing Inc.

Winch Division

"Custom Engineered Solutions"

***Lifting
Pulling
Hoisting***

Toll Free Number: 1-800-394-1139

1443 220th Street,, Independence, Iowa 50644 • FAX: 319-827-1140 • PHONE: 319-827-1139

Series 2000H Speed Reducer Model Selection from Performance Data

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1910"*

MODEL EXAMPLE: 20H-3.0T-SR-17

Gear Case and

Shaft Designation

20H = Series 2000H with 1-1/2" Output Shaft only

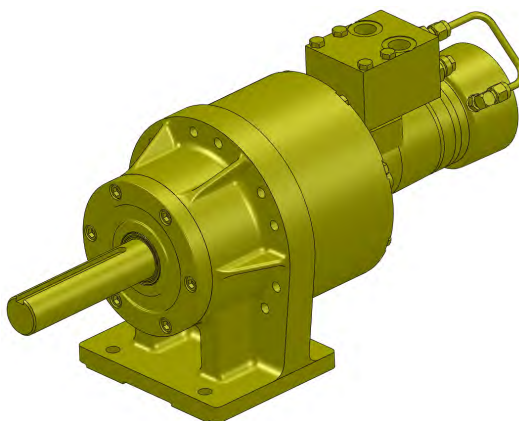
Hydraulic Motor Designation

3.0T, 6.2T

Speed Reducer

Gear Ratio

17:1



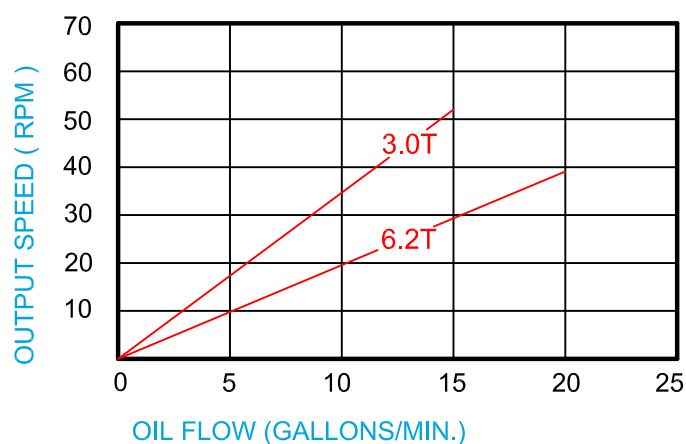
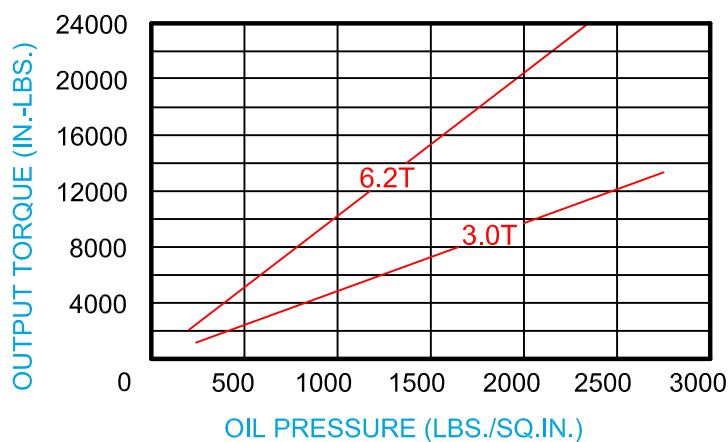
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Series 2000H Speed Reducer With Hydraulic Fail-Safe Brake Model Selection from Performance Data

17:1 RATIO



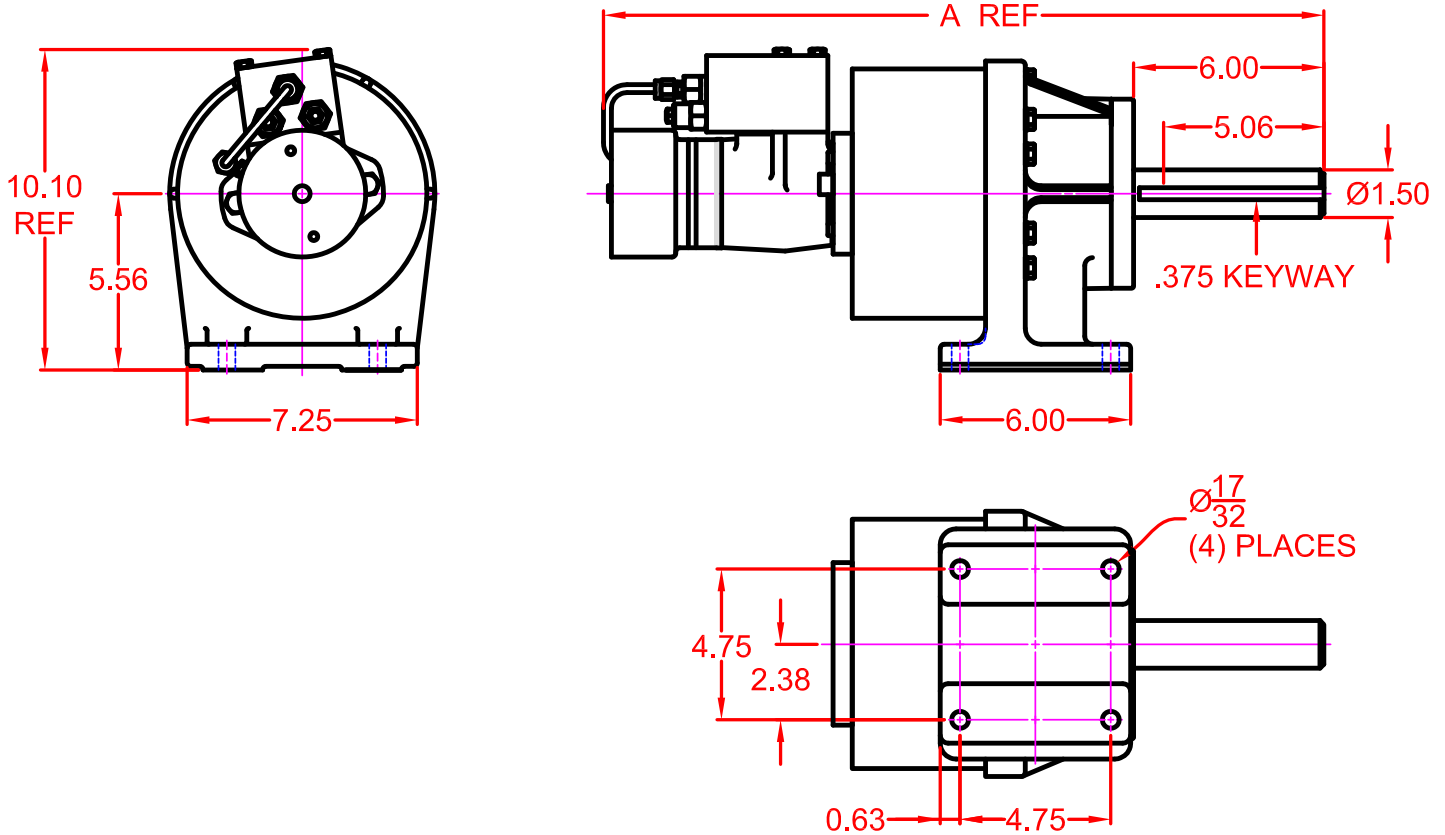
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Dimensional Drawings

Series 2000H Speed Reducer



"Quality Since
1910"



MOTOR DESIGNATION	3.0T	6.2T
A DIMENSION	22.70	23.08

BLOOMTM WINCH

2000H SERIES MODEL SELECTION

3.0T MOTOR

20H-3.0T-SR-17

6.2T MOTOR

20H-6.2T-SR-17

BLOOM™ WINCH

Correct choice of Directional Control Valves for Bloom Winches

Motor Spool Valve – Work Ports are **open** to tank in neutral position.

Use on all winches that use Counter Balance Valves to hold load.

*Capstans require ridged mounting plate.

See owner's manual for information about proper mounting plate thickness or call Bloom Sales Engineer at factory

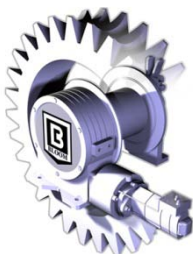
WARNING!

Goods are not intended for use in the moving or lifting of persons!

The winches described herein are neither designed nor intended for use or application to equipment used in the lifting or moving of persons and it is understood that all such use shall be at the sole risk of the user.

The cable clamps on winches are not designed to hold rated loads. A minimum of 5 wraps of cable must be left on drum barrel to guarantee holding of rated load.

Applications of winch where life would be endangered by any event are not recommended.



BLOOM Manufacturing Inc. **Winch Division**

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www.bloommfg.com

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