

USED SKAGIT RENTAL WINCHES

RB-100 Specification

DRUM SIZE	
Flange Diameter	72"
Barrel Diameter	32"
Barrel Length	34"
CABLE CAPACITIES	
	4100' - 1½"
	3500' - 1¾"
	3000' - 1¾"
	2600' - 1¾"
	2300' - 2"
NOMINAL RATING	
Pounds Line Pull	130,000
FPM Line Speed	60
PULLING POWER*	
Pound Maximum	
On Second Wrap	
*For Anchoring Service	200,000
MAXIMUM CABLE SIZE	
Diameter	2"
MAXIMUM POWER	
Rated Horsepower	400
BRAKE HOLDING POWER	
Pounds Maximum	
at Second Wrap	260,000
NO LOAD SPEED	
at Average Drum - FPM	120
DRUM SHAFT SIZE	
Diameter	10½"
AIR BRAKES	
Diameter	70"
Width	10"
AIR FRICTIONS	
Air Cylinder	26"
Friction Diameter	63"
Area - Square In.	1300
DRUM GEARS	
Number Teeth	120
Stub Type - DP	1½"
Face	10"
DRIVE PINION	
Number Teeth	19"
Stub Type - DP	1½"
Face	12½"
DRIVING ARRANGEMENT	
Drive	TC
Hoist Gearing	Compound
ESTIMATED WEIGHT	
2-Drum - Pounds	68,500

- ✓ Designed for heavy duty applications . . . built for long, hard usage with low-cost maintenance and servicing. See rating and capacity information in Specification Data table.
- ✓ Roller bearing drums mounted on stationary shafts . . . to reduce frictional power loss . . . to give long, trouble-free service . . . easily adjustable bearings.
- ✓ Engineered with all shafts supported close to load centers for maximum shaft strength and rigidity.
- ✓ Drums are cast steel . . . machined for perfect balance and designed for even spooling of 1½" to 2" line.
- ✓ Roller bearing drum gears on stationary drum shafts; drive and intermediate gears on roller bearing shafts . . . adjustable bearings . . . wide-face, precision cut gears and pinions using highest quality gear steel.
- ✓ Rotating shafts have cartridge type roller bearings for easiest adjustment at ends of shaft.
- ✓ Rigid structural steel frame, heavily braced . . . cast steel shaft pedestals and bearing supports.
- ✓ Choice of engines up to 400 horsepower . . . choice of torque converter, direct or multi-speed transmission drives.
- ✓ Compound hoist gearing to take full advantage of engine power for heaviest pulls on any type of application . . . optional sprockets in combination with choice of power units and drives to fit hoist for correct speed-pull ratios to suit the job.
- ✓ Air controls . . . easy to operate . . . conveniently located at control console . . . remote control arrangements and elevated enclosed cab also available.
- ✓ One-drum . . . Two-drum . . . Three-drum arrangements . . . waterfall design or drums in line . . . third drum underwinding or overwinding . . . provision available for line lead under drum set and power unit when specified as original equipment.
- ✓ Powerful air frictions with strong, positive-action, spring-loaded release . . . engineered to maximum hoist capacity . . . double face, cone-type friction blocks . . . large diameter and friction surface area. See Specification Data for Friction, Gear and Brake measurements.
- ✓ Wide, large-diameter air-operated brakes . . . self-energizing with release springs to prevent dragging . . . provisions for quick, easy adjustment at center of band . . . Fail Safe type air brakes with air-off, spring-loaded-on features are available as optional extra.
- ✓ Air-operated ratchet and dog . . . forged steel pawl . . . safe and easy-to-operate when holding load or maintaining tension on line . . . visual indicator to show when dog is engaged.
- ✓ Carefully designed guards to protect equipment and personnel . . . with access for servicing and maintenance.
- ✓ Oil tight gear cases . . . available for compound gearing.

FOR COMPLETE INFORMATION ON THE RB-100 TYPE 1 and THE COMPLETE LINE OF SKAGIT HEAVY DUTY HOISTS FOR EVERY PURPOSE . . . CONSULT YOUR SKAGIT REPRESENTATIVE OR THE FACTORY.

Typical Line Pulls in Pounds and Line Speed in Feet per Minute for the RB-100 Type 1 with GM 12V-71 Engine, TD-11,500 Series Torque converter, compound gearing in Hoist with sprocket ratio of 16 to 60. Optional sprockets are available to adjust speed-pull requirements to fit the application:

RANGE	FULL DRUM	AVERAGE DRUM	BARE DRUM
High Range			
70° Efficiency	22,600 @ 298	30,500 @ 221	46,500 @ 145
Max. Efficiency	45,000 @ 204	60,400 @ 152	92,800 @ 99
Low Range			
70° Efficiency	99,000 @ 71	132,700 @ 53	200,900 @ 35

IMPORTANT

Before installation see maintenance and operations manual for additional warnings and precautions.

Note: Line speed and pull performance on our entire rental fleet is estimated on manufacturer specifications. Consult manufacturer for exact line speeds and pulls.

This equipment is not to be used for lifting supporting or transporting people or lifting or supporting loads over people.



Rasmussen Equipment Company

Northwest Office
P.O. Box 81206
Seattle, WA 98108
(206) 762-3700
FAX: (206) 762-5003
E-mail: equipmentsales@rasmussenco.com

Mooring Systems • Winches • Cranes • Barges
Anchors • Fairleads • Deckleads • Wire Rope

Sales • Rentals
www.rasmussenco.com

Gulf Coast Office
2220 Engineers Road
Belle Chasse, LA 70037
(504) 392-0442
FAX: (504) 392-0107
Email: equipbc@rasmussenco.com