

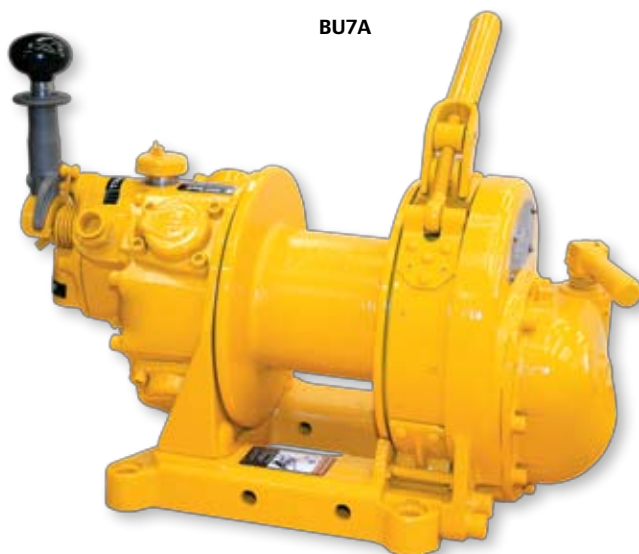
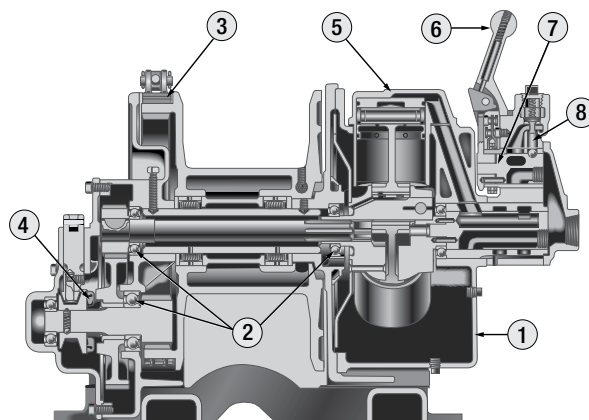
BU7A / EU Series

Features and benefits

Serving the construction and maintenance industries for more than 60 years, the Ingersoll Rand BU7A and EU series air winches have become the industry standard. These proven performers offer exceptional quality and value. Both winches are available with automatic band brakes, remote controls, and a variety of options. All Ingersoll Rand air winches meet ANSI / ASME B30.7.

Standard features:

1. Enclosed construction keeps out dirt and dust and seals in oil and grease for complete lubrication of all moving parts.
2. Ball and roller bearings = reduced friction.
3. Reliable drum brake securely holds rated load.
4. Disengaging clutch allows free wheeling of rope drum for hand unwinding; standard on most models.
5. Rugged and powerful radial piston air motor for positive starting torque and precise load control.
6. Self-closing throttle shuts off automatically when released, providing well-graduated control for spotting loads.
7. Reversible motor allows full control of load by throttle when lifting, lowering and pulling.
8. Throttle valve is designed to eliminate air leakage when the winch is idle.



BU7A



EU

BU7A / EU Series

Specifications and performance

Selection Guide A

Model	First Layer				Mid Layer				Top Layer				Motor Type	Air Consumption	
	Capacity lb	kg	Speed ft/min	m/min	Capacity lb	kg	Speed ft/min	m/min	Capacity lb	kg	Speed ft/min	m/min		f³/min	m³/min
LIFT RATINGS AT 5:1 DESIGN FACTOR (PERFORMANCE AT 90 PSI [6.3 BAR])															
BU7A	1,200	545	36	11	1,000	455	43	13	1,000	455	39	12	Piston	50	1.4
EU	2,100	955	62	19	2,000	909	68	21	2,000	909	64	20	Piston	100	2.8
EUL	2,100	955	62	19	2,000	909	68	21	2,000	909	64	20	Piston	100	2.8
PULL RATINGS AT 3.5:1 DESIGN FACTOR (PERFORMANCE AT 90 PSI [6.3 BAR])															
BU7A	1,500	682	26	8	1,200	545	34	10	1,000	455	39	12	Piston	50	1.4
EU	3,000	1364	45	14	2,600	1182	49	15	2,000	909	64	20	Piston	100	2.8
EUL	3,000	1364	45	14	2,600	1182	49	15	2,000	909	64	20	Piston	100	2.8

Selection Guide B

Model	hp	Rated Capacity		Stall Pull		Recommended Wire Rope		Working Wire Rope Capacity ⁽¹⁾ by Layer						Wire Rope Storage Capacity ⁽²⁾		Inlet Size	Exhaust Size	Shipping Weight	
		lb	kg	lb	kg	in	mm	ft	m	ft	m	ft	m	ft	m	NPT	NPT	lb	kg
LIFT RATINGS AT 5:1 DESIGN FACTOR (PERFORMANCE AT 90 PSI [6.3 BAR])																			
BU7A	1.6	1,000	455	1,950	886	1/4	6	21	6.4	97	29.5	155	47.2	228	69.4	1/2"	3/4"	90	41
BU7A	1.6	1,000	455	1,950	886	5/16	8	16	4.8	56	17	101	30.7	132	40.2	1/2"	3/4"	90	41
EU	4.4	2,000	909	4,500	2045	5/16	8	23	7	141	42.9	248	75.5	338	103	3/4"	1"	118	54
EU	4.4	2,000	909	4,500	2045	3/8	10	19	5.7	92	28	179	54.5	219	66.7	3/4"	1"	118	54
EU	4.4	2,000	909	4,500	2045	7/16	11	16	4.8	80	24.3	128	39	163	49.6	3/4"	1"	118	54
EUL	4.4	2,000	909	4,500	2045	5/16	8	66	20.1	394	120	701	213.6	946	288.3	3/4"	1"	490	223
EUL	4.4	2,000	909	4,500	2045	3/8	10	55	16.7	259	78.9	515	156.9	619	188.6	3/4"	1"	490	223
EUL	4.4	2,000	909	4,500	2045	7/16	11	47	14.3	162	49.3	375	114.3	465	141.7	3/4"	1"	490	223
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(1) Working wire rope capacity:

Maximum length of wire rope that can be tightly and evenly wound onto the drum with 1/2" of freeboard maintained per ANSI / ASME B30.7.

(2) Wire rope storage capacity:

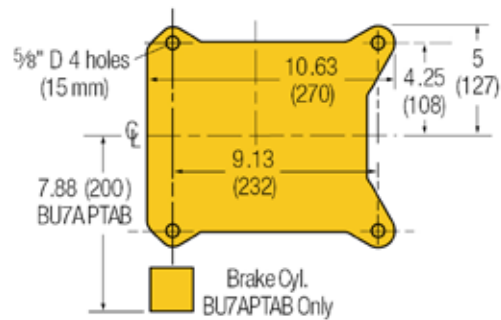
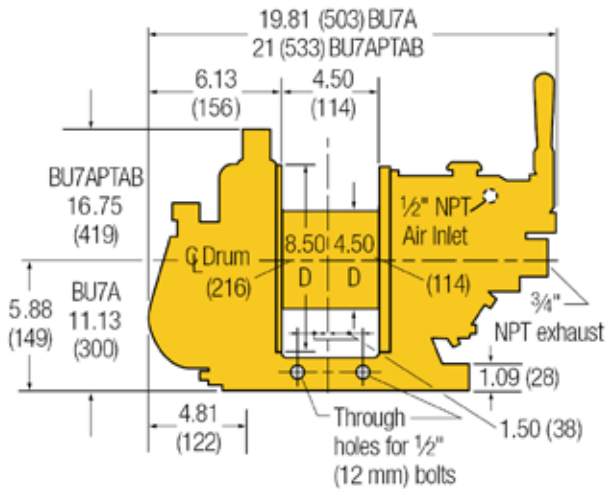
When the winch is not being used to move a load, the wire rope may be spooled to the top of the flange.

This practice is for storage purposes only and not recommended when the winch is being used under a load.

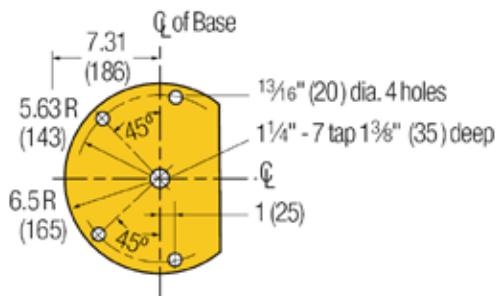
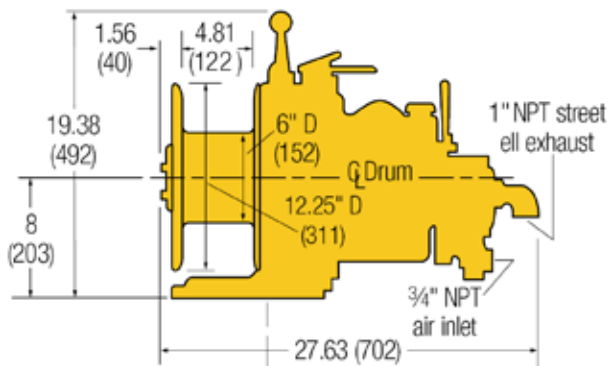
BU7A / EU Series

BU7A/EU dimension drawings — 1,000 – 2,000 lb (455 – 909 kg)

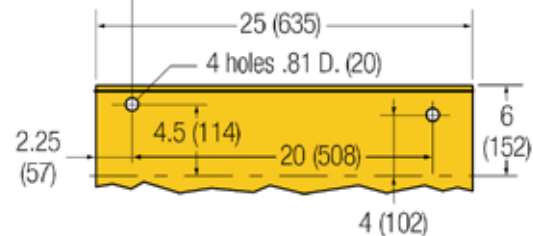
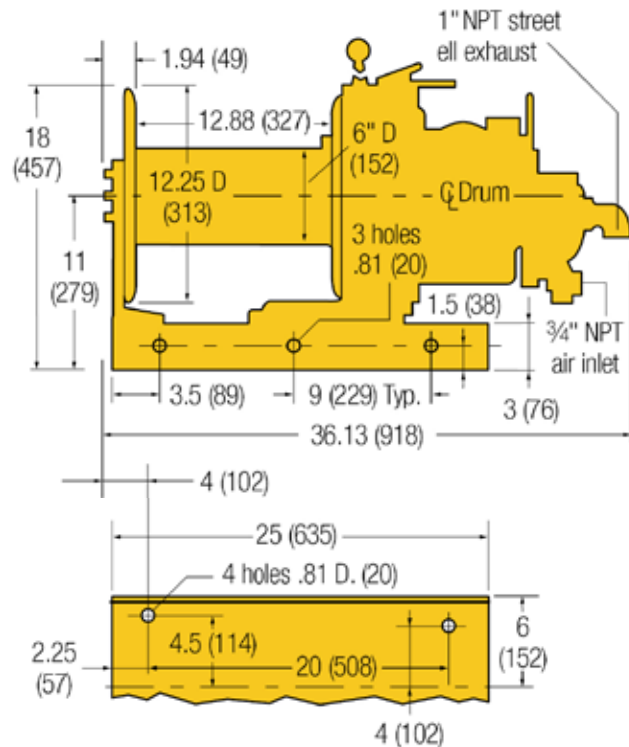
Dimensions: BU7A and BU7APTAB



Dimensions: EU



Dimensions: EUL



Dimensions shown are inches.
Dimensions in parentheses () are mm.

Dimensions are subject to change.
Contact factory for certified prints.

BU7A / EU Series

How to order

► HOW TO ORDER

Specify the model as shown.

Example: EURCAB-GP1-20

EU	RC	AB	-	GP1-20
Series / capacity BU7A = 1,000 lbs (454 kg) EU = 2,000 lbs (907 kg) EUL = 2,000 lbs (907 kg)	Control No letter = Winch mounted lever throttle PT = Pendent throttle RC = Remote full flow lever throttle PT = Remote pilot pendent throttle PLT = Remote pilot lever throttle	Drum brake No letter = Manual drum brake AB = Automatic brake		Options E = Construction cage G = Drum guard J = Air line accessories L = Extended warranty P = Marine 812 finish paint P1 = Marine 812-X paint system W = Client witness of load test -XX = Specify control hose length in feet

NOTE:

- (1) RC without AB is for pulling applications only. Do not use for lifting or lowering, as the operator may be too far away to operate a manual brake.
- (2) Free spool clutches are standard on classic winches. A disengaging clutch, however, will not be supplied on units ordered with automatic brakes (AB).

Ingersoll Rand strongly recommends using drum guards with all winches to prevent inadvertent contact with winch moving parts.



Shown with remote control pendent and manual band brake for pulling application only!