



Hercules Series

The Most Robust Winch on the Market



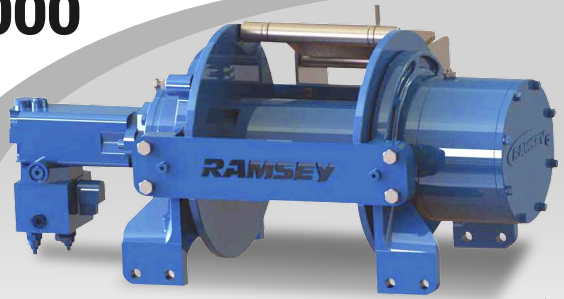
RAMSEY



The Engineered Intelligence Behind
Every Lift, Pull, and Rotation

Hercules 15000

Heavy Duty Planetary



15,000 lb
Rated Line Pull

Features and Benefits

- **Synthetic rope approved**
 - 12-strand (HMPE), commonly known as Dyneema
 - Maximum winch capacity is 138 ft
- **Negative draft clutch design**
 - Ensures a positive hold on the load
- **Internal Air-Shift Freespool**
 - Enables remote operation
- **Low temperature shifting (down to -40° F/C)**
 - Allows for extreme cold-weather operation
- **Superior cable management-Roller Tensioner (optional)**
 - Improved bird-nesting control
 - Constant spring force
 - Adjustable pneumatic force
 - Dual adjustable drag brakes
- **Two speed motor**
 - 2 or 24 VDC 2-speed shifting
 - Reliable control signal
- **Bi-directional Winch**
 - Flexibility for over or under winding
 - Dual cartridge counterbalance valves for easy rotation change

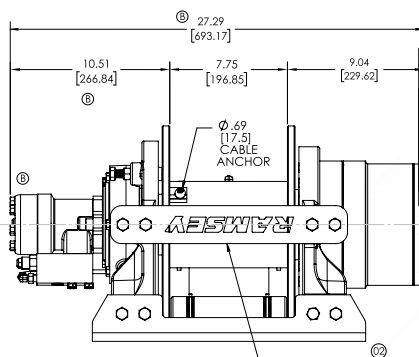
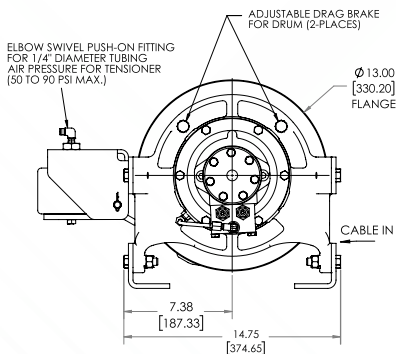
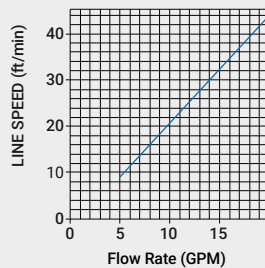
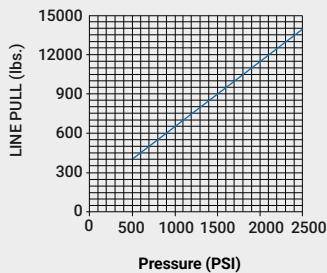
SPECIFICATIONS

WINCH DRUM WIDTH (in.)	7.75
RATED LINE PULL (lbs.)	15,000
(kg.)	6,804
GEAR REDUCTION	25.529:1
WEIGHT (WITHOUT CABLE) (lbs.)	300
(kg.)	50

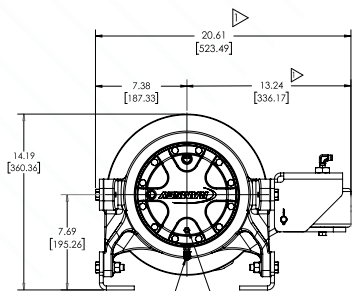
LAYER OF CABLE		1	2	3	4	5
RATED LINE PULL PER LAYER	lbs.	15,000	12,712	11,029	9,740	8,721
	kg.	6,804	5,766	5,003	4,418	3,956
CABLE CAPACITY	ft.	20	44	72	103	138
	m.	6	13	22	31	42
LINE SPEED	FPM	44	52	59	66	73
	MPM	13.5	15.7	17.9	20.1	22.3

WINCH AND SPECIFICATIONS CONFORM TO SAE J706
SPECIFICATION CONDITIONS:
HYDRAULIC PRESSURE AND FLOW: 2708 PSI. AND 20 GPM.
MOTOR DISPLACEMENT: 6 CU. IN./REV
WIRE ROPE DIAMETER: 9/16 IN. EIPS OR EQUIVALENT

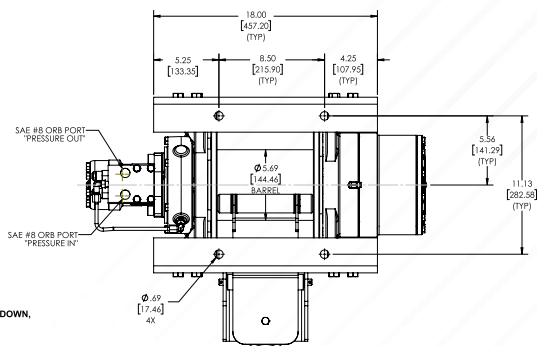
Hercules / 15000 /



INSTALL THE TIE PLATE WITH LOGO UPSIDE DOWN AS SHOWN.

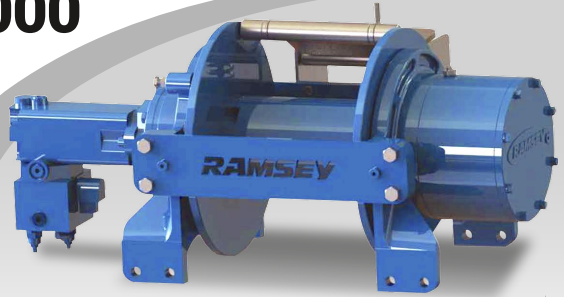


ELBOW SWIVEL PUSH-ON FITTING FOR 1/4" DIAMETER TUBING (100 TO 120 PSI) FOR DISENGAGING CLUTCH. COVER TO BE INSTALLED UPSIDE DOWN, VENT AT 6 O'CLOCK. CUSTOMER TO INSTALL. INSTALL PLUG, #486016, FOR SHIPPING ONLY.



Hercules 20000

Heavy Duty Planetary



20,000 lb
Rated Line Pull

★ Features and Benefits

- **Synthetic rope approved**
 - 12 strand (HMPE), commonly known as Dyneema
 - Maximum winch capacity is 125 ft
- **Negative draft clutch design**
 - Ensures positive hold on load
 - Internal air-shift free spool
- **Enables remote operations**
- **Low temperature shifting (down to -40° F/C)**
 - Allows for extreme cold weather operation
- **Superior cable management-Roller Tensioner (optional)**
 - Improved bird nesting control
 - Constant spring force
 - Adjustable pneumatic force
 - Dual adjustable drag brakes
- **Two speed motor**
 - 2 or 24 VDC 2-speed shifting
 - Reliable control signal
- **Bi-directional Winch**
 - Flexibility for over or under winding
 - Dual cartridges c/b valves for easy rotation change

SPECIFICATIONS

RELATED LINE PULL (lbs.)	20,000
(kg.)	9,070
GEAR REDUCTION	25.53:1
WEIGHT (WITHOUT CABLE)	305 lbs. (138.3 kg.)

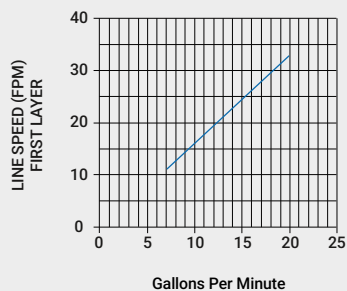
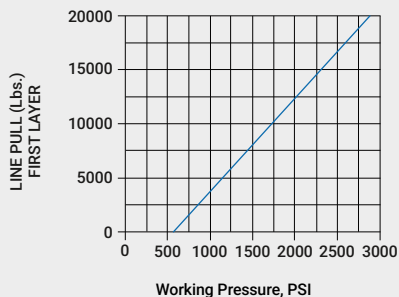
LAYER OF CABLE		1	2	3	4	5
RATED LINE PULL PER LAYER	lbs.	20,000	16,900	14,700	12,900	11,600
	kg.	9,070	7,660	6,660	5,850	5,260
CABLE CAPACITY	ft.	15	40	65	90	125
	m.	4	12.2	19.8	27.4	38.1
LINE SPEED	FPM	30	35	40	45	50
	MPM	9.1	10.7	12.2	13.7	15.2

* THESE SPECIFICATIONS ARE BASED ON RECOMMENDED WIRE ROPE OF .56" DIAMETER EIPS CABLE AND 9.6 CU. IN./REV. MOTOR AT 2550 PSI WORKING PRESSURE

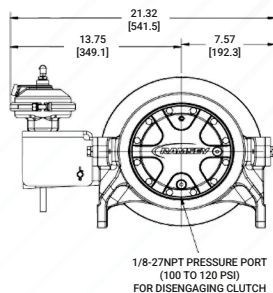
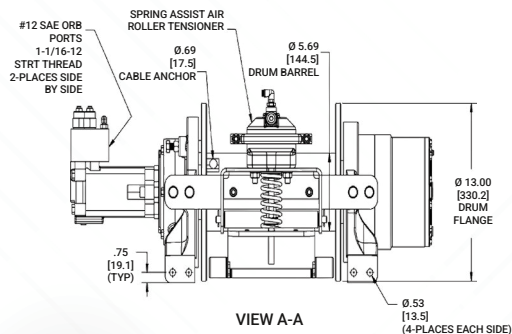
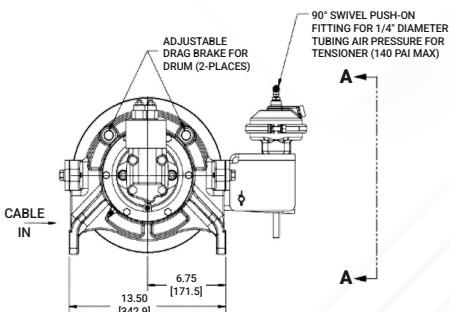
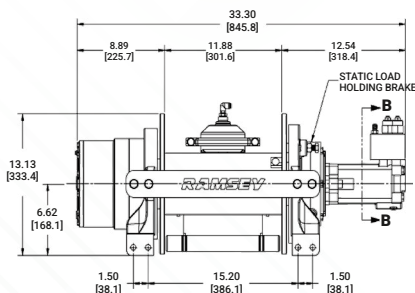
* DIRECTIONAL CONTROL VALVE: 3-POSITION, 4 WAY MOTOR SPOOL. (OPEN CENTER).

* WINCH MEETS SAE J706.

Hercules / 20000 /

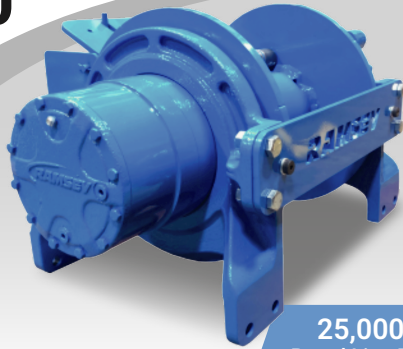


Based on 9.6 CU.IN./REV.MOTOR



Hercules 25000

Heavy Duty Planetary



25,000 lb
Rated Line Pull

Available in two motor configurations

- 9.6 cu. in. motor | fast speed
- 11.9 cu. in. motor | standard speed

Features and Benefits

- **Synthetic rope approved**
 - 12 strand (HMPE), commonly known as Dyneema
 - Maximum winch capacity is 250 ft
- **Negative draft clutch design**
 - Ensures positive hold on load
- **Internal air-shift free spool**
 - Enables remote operations
- **Low temperature shifting (down to -40° F/C)**
 - Allows for extreme cold weather operation
- **Superior cable management-Roller Tensioner**
 - Improved bird nesting control
 - Constant spring force
 - Adjustable pneumatic force
 - Dual adjustable drag brakes
- **Two speed motor**
 - 12 or 24 VDC 2-speed shifting
 - Reliable control signal
- **Bi-directional Winch**
 - Flexibility for over or under winding
 - Dual cartridges c/b valves for easy rotation change

HERCULES 25000 Specifications
(9.6 cu. in. motor - Fast Speed)

Rated Line Pull (Low Speed)	25,000 lb (11,340 kg)
Weight (without Cable)	436 lb (198 kg)
Gear Reduction	25.53:1

HERCULES 25000 Standard Drum							
Layer of Cable		1	2	3	4	5	6
Rated Line Pull / Layer* (Low Speed)	lb	25,000	20,800	17,900	15,600	13,900	12,500
	kg	11,340	9,435	8,119	7,076	6,305	5,670
Rated Line Pull / Layer* (High Speed)	lb	12,500	10,400	8,950	7,800	6,950	6,250
	kg	5,670	4,717	4,060	3,538	3,152	2,835
Line Speed - Low (at 25 GPM)*	FPM (MPM)	38	44	51	58	65	71
		11.6	13.4	15.5	17.7	19.8	21.6
Line Speed - High (at 25 GPM)*	FPM (MPM)	76	88	102	116	130	142
		23.2	26.8	31.1	35.4	39.6	43.3
Cable Capacity* Standard Drum	ft m	25 7.6	60 18.3	100 30.5	145 44.2	195 59.4	250 76.2

HERCULES 25000 Specifications
(11.9 cu. in. motor - Standard Speed)

Rated Line Pull (Low Speed)	25,000 lb (11,340 kg)
Weight (without Cable)	436 lb (198 kg)
Gear Reduction	25.53:1

HERCULES 25000 Standard Drum							
Layer of Cable		1	2	3	4	5	6
Rated Line Pull / Layer* (Low Speed)	lb	25,000	20,800	17,900	15,600	13,900	12,500
	kg	11,340	9,435	8,119	7,076	6,305	5,670
Rated Line Pull / Layer* (High Speed)	lb	12,500	10,400	8,950	7,800	6,950	6,250
	kg	5,670	4,717	4,060	3,538	3,152	2,835
Line Speed - Low (at 25 GPM)*	FPM (MPM)	28	33	39	44	50	56
		8.5	10.1	11.9	13.4	15.2	17.1
Line Speed - High (at 25 GPM)*	FPM (MPM)	56	66	78	88	100	112
		17.1	20.1	23.8	26.8	30.5	34.1
Cable Capacity* Standard Drum	ft m	25 7.6	60 18.3	100 30.5	145 44.2	195 59.4	250 76.2

*Specifications based on recommended wire rope of 63" (16 mm) EIPS cable and 9.8 cu. in. (157 cc) rex. motor at 2950 psi (203 bar) working pressure.

*Use only Ramsey Winch recommended synthetic rope.

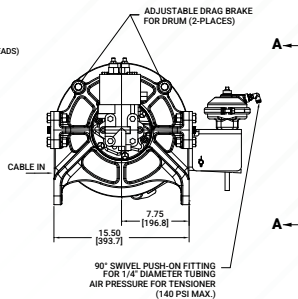
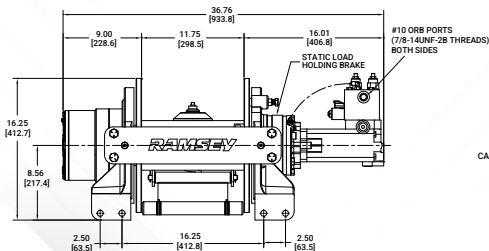
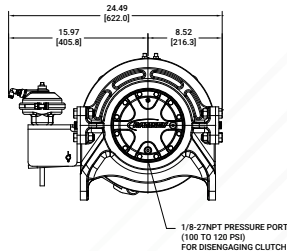
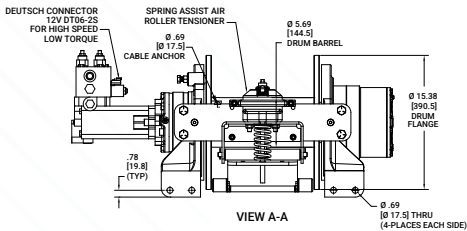
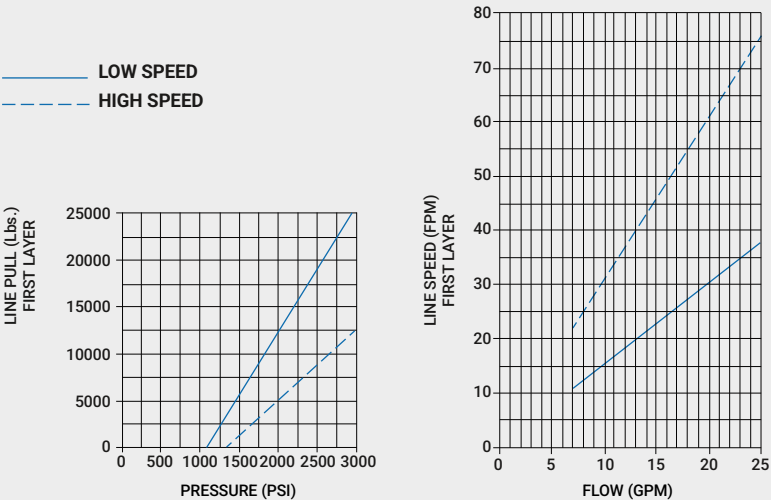
- Directional control valve: 3-position, 4-way motor spool. - Winch meets SAE J706.

*Specifications based on recommended wire rope of 63" (16 mm) EIPS cable and 11.9 cu. in. (195 cc) rex. motor at 2,575 psi (203 bar) working pressure.

*Use only Ramsey Winch recommended synthetic rope.

- Directional control valve: 3-position, 4-way motor spool. - Winch meets SAE J706.

PERFORMANCE WITH 9.6/4.8 IN³ 2-SPEED HYDRAULIC MOTOR:



Hercules 35000

Heavy Duty Planetary



35,000 lb
Rated Line Pull

☆ Features and Benefits

- **Synthetic rope approved**
 - 12 strand (HMPE), commonly known as Dyneema
 - Maximum winch capacity is 255 ft
- **Negative draft clutch design**
 - Ensures positive hold on load
- **Internal air-shift free spool**
 - Enables remote operations
- **Low temperature shifting (down to -40° F/C)**
 - Allows for extreme cold weather operation
- **Superior cable management-Roller Tensioner (optional)**
 - Improved bird nesting control
 - Constant spring force
 - Adjustable pneumatic force
 - Dual adjustable drag brakes
- **Two speed motor**
 - 12 or 24 VDC 2-speed shifting
 - Reliable control signal
- **Bi-directional Winch**
 - Flexibility for over or under winding
 - Dual cartridges c/b valves for easy rotation change
- **Meets SAE J706**

SPECIFICATIONS

RELATED LINE PULL (lbs.)	35,000
(kg.)	15,909
GEAR REDUCTION	33.16:1
WEIGHT (WITHOUT CABLE)	500 lbs. (226.8 kg.)

LAYER OF CABLE		1	2	3	4	5	6
RATED LINE PULL PER LAYER	lbs.	35,000	28,600	24,200	21,000	18,500	16,500
	kg.	15,875	12,972	10,976	9,525	8,391	7,484
CABLE CAPACITY	ft.	27	60	100	150	200	255
	m.	7	18	30	45	60	77
LINE SPEED (LOW) (AT 25GPM)	FPM	23	27	32	36	41	46
	MPM	7	8.2	9.7	10.9	12.5	14
LINE SPEED (HIGH) (AT 25GPM)	FPM	46	56	64	72	82	92
	MPM	14	16.4	19.4	21.8	25	28

* THESE SPECIFICATIONS ARE BASED ON RECOMMENDED WIRE ROPE OF .62" DIAMETER EIPS CABLE AND 11.9 CU. IN./REV. MOTOR AT 2725 PSI WORKING PRESSURE.

* USE ONLY RAMSEY WINCH RECOMMENDED 5/8" SYNTHETIC ROPE.

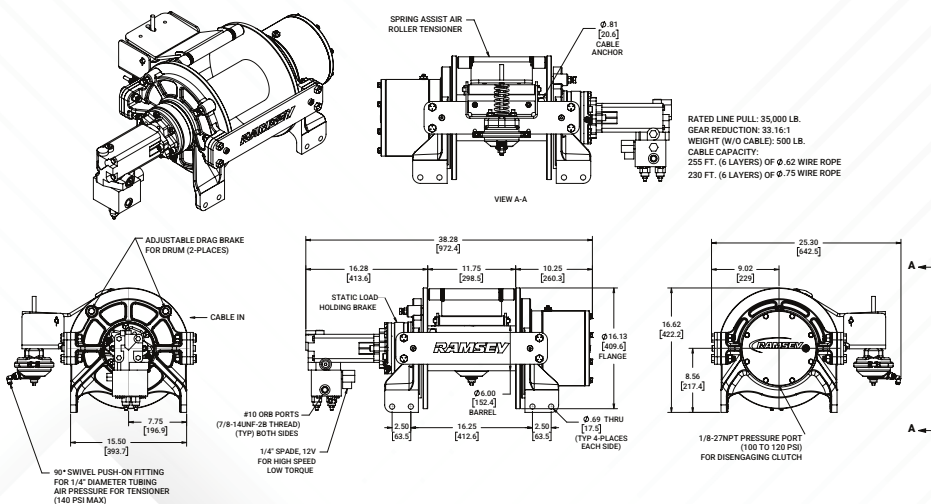
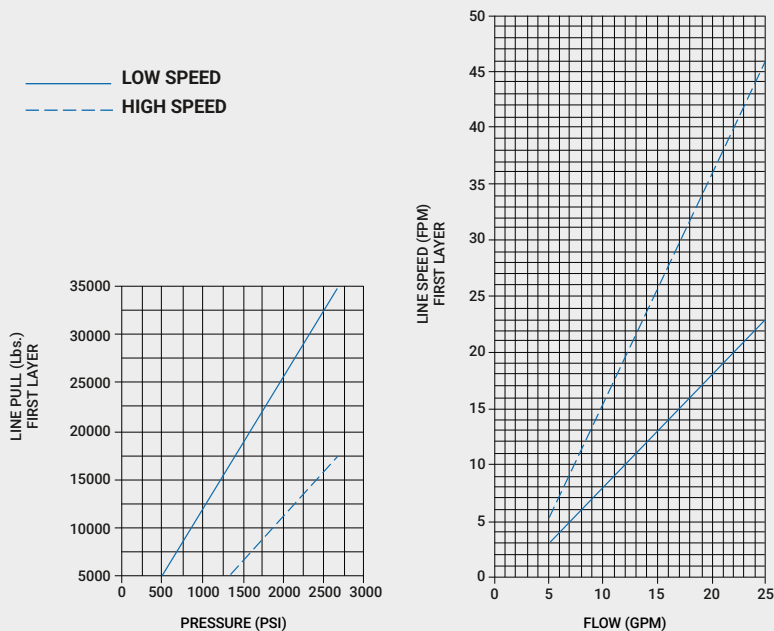
* DIRECTIONAL CONTROL VALVE: 3-POSITION, 4 WAY MOTOR SPOOL.

* WINCH MEETS SAE J706 AT STATED WORKING PRESSURE.



Hercules / 35000 /

PERFORMANCE WITH 11.9/5.95 IN³ 2-SPEED HYDRAULIC MOTOR:



Hercules 50000

Heavy Duty Planetary

- 200 lb lighter than the competition
- High-efficiency gear set



50,000 lb
Rated Line Pull

★ Features and Benefits

- **Synthetic rope approved**
 - 12 strand (HMPE), commonly known as Dyneema
 - Maximum Winch capacity is 250 ft
- **Negative draft clutch design**
 - Ensures positive hold on load
- **Internal air-shift free spool**
 - Enables remote operations
- **Low temperature shifting (down to -40° F/C)**
 - Allows for extreme cold weather operation
- **Superior cable management**
 - Roller Tensioner
 - Improved bird nesting control
 - Constant spring force
 - Adjustable pneumatic force
 - Dual adjustable drag brakes
- **Two speed motor**
 - 12 or 24 VDC 2-speed shifting
 - Reliable control signal
- **Bi-directional Winch**
 - Flexibility for over or under winding
 - Dual cartridges c/b valves for easy rotation change
- **Meets SAE J706**
- **Optional high angle roller tensioner – Designed for high angle boom applications**



Long Drum 50K



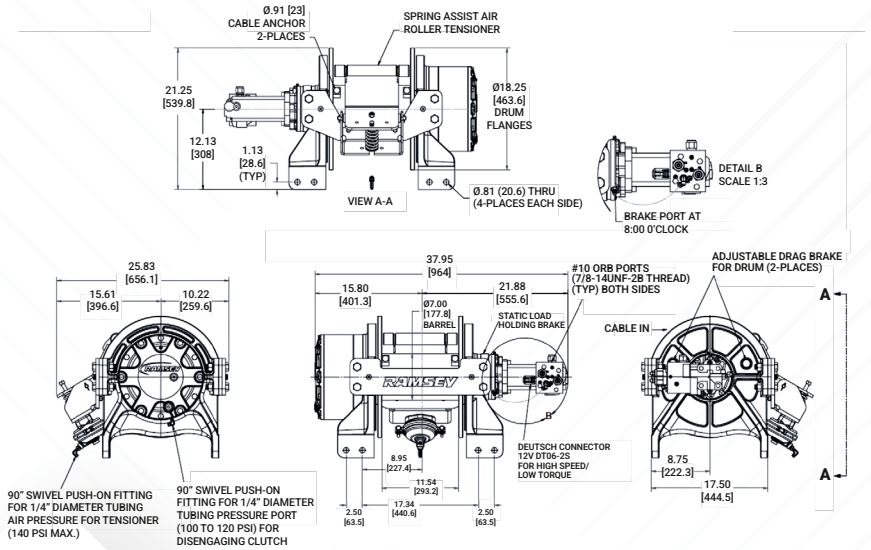
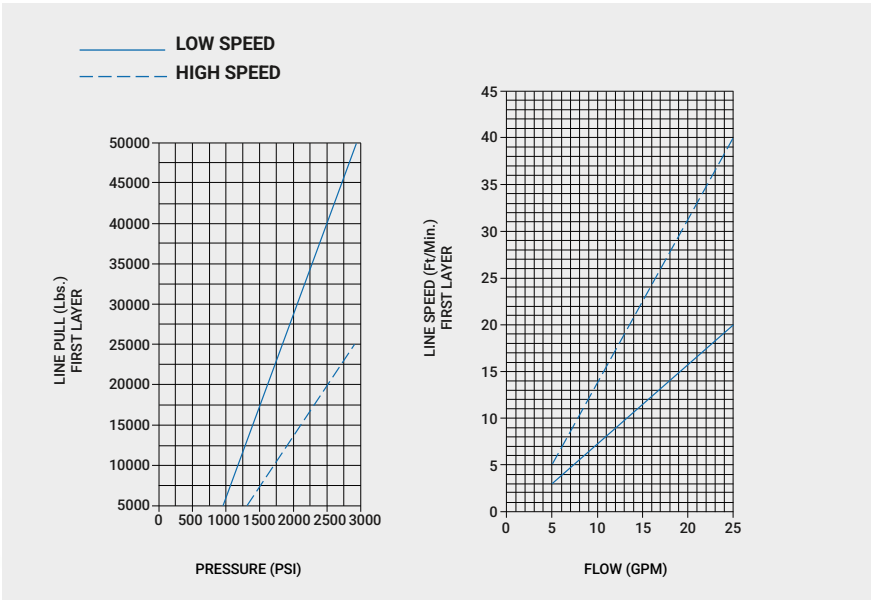
Dual Airbag

SPECIFICATIONS *(LOW SPEED)

RELATED LINE PULL (lbs.)		50,000					
(kg.)		2,670					
GEAR REDUCTION		51.35:1					
WEIGHT (WITHOUT CABLE)		740 lbs. (336 kg.)					
LAYER OF CABLE		1	2	3	4	5	6
RATED LINE PULL PER LAYER	lbs.	50,000	41,800	36,000	31,600	28,100	25,400
	kg.	22,680	18,960	16,320	14,330	12,740	11,500
CABLE CAPACITY	ft.	25	60	100	145	190	250
	m.	7	18	30	44	57	76
LINE SPEED (AT 25GPM)	FPM	20	22	25	28	31	35
	MPM	5.6	6.6	7.6	8.6	9.5	10.5
* THESE SPECIFICATIONS ARE BASED ON RECOMMENDED WIRE ROPE OF .75" DIAMETER EIPS CABLE AND 11.9 CU. IN./REV. MOTOR AT 2900 PSI WORKING PRESSURE.							
* USE ONLY RAMSEY WINCH RECOMMENDED 3/4" SYNTHETIC ROPE.							
* DIRECTIONAL CONTROL VALVE: 3-POSITION, 4 WAY MOTOR SPOOL.							
* WINCH MEETS SAE J706 AT STATED WORKING PRESSURE.							

Hercules / 50000

PERFORMANCE WITH 11.9/5.95 IN³ 2-SPEED HYDRAULIC MOTOR:





WHO WE ARE

Ramsey Winch has set the standard for industrial and recovery winches trusted by fleets, defense, towing, and utility professionals worldwide.

CONTACT US

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The Engineered Intelligence Behind
Every Lift, Pull, and Rotation