

RUFNEK®



PLANETARY WINCHES

WHERE THERE'S A RIG, THERE'S A RUFNEK®.

In the harshest environments, on the most challenging projects, Rufnek winches set the standard for reliability and rugged performance.

Rufnek winches and complimentary products are ideal for tough oilfield and heavy haul applications, and with the optional Intelliguard™ capacity-alert system can be monitored to provide real-time alerts and actual usage data.



Rufnek planetary winches are now available in pulling capacities from 30,000 to 130,000 pounds, and with the optional Intelliguard capacity-alert system, offer added protection from winch overloading on bed trucks, winch trucks and pole trucks.

ADVANCED FEATURES & SUPERIOR BENEFITS

Two-speed hydraulic motor with shift-on-the-fly capability

- Optimal flexibility in selecting line speed and line pull to match load conditions

Single, externally mounted air cylinder for drum kick out/free-spool

- Easy access for maintenance

Integral, spring-applied, hydraulically released disk brake with counterbalance valve and overrunning clutch

- Provides superior load control and smooth operation ensuring optimal brake life and performance

Air-applied drum brake

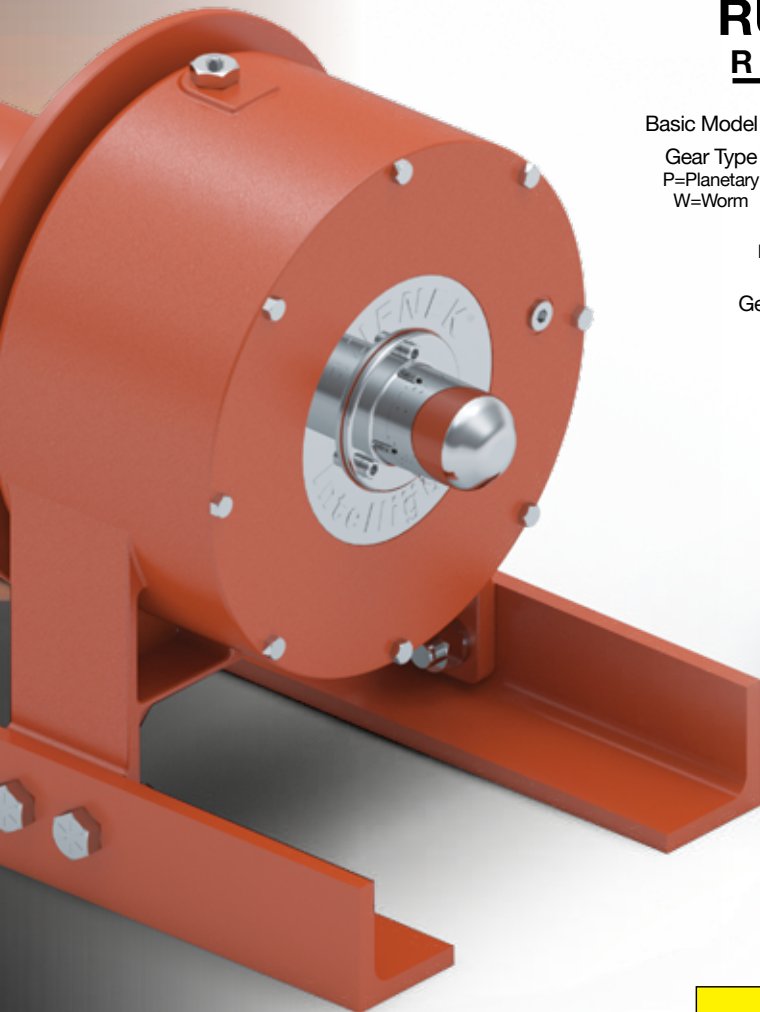
- Prevents bird-nesting of cable during free-spool operation

2-piece drum clutch yoke

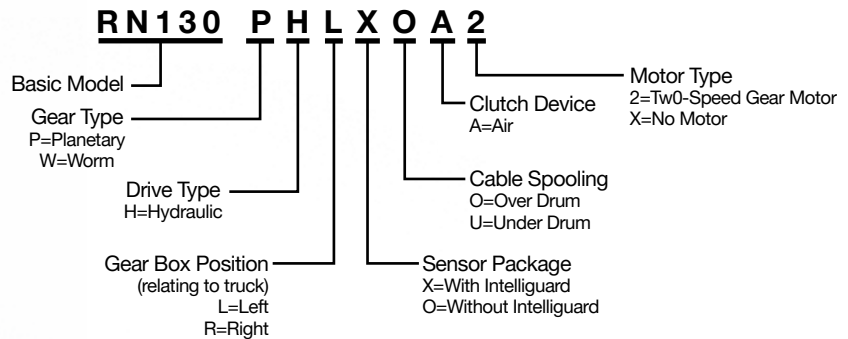
- Provides easier servicing as the winch does not require disassembly to replace

12 service kits per model

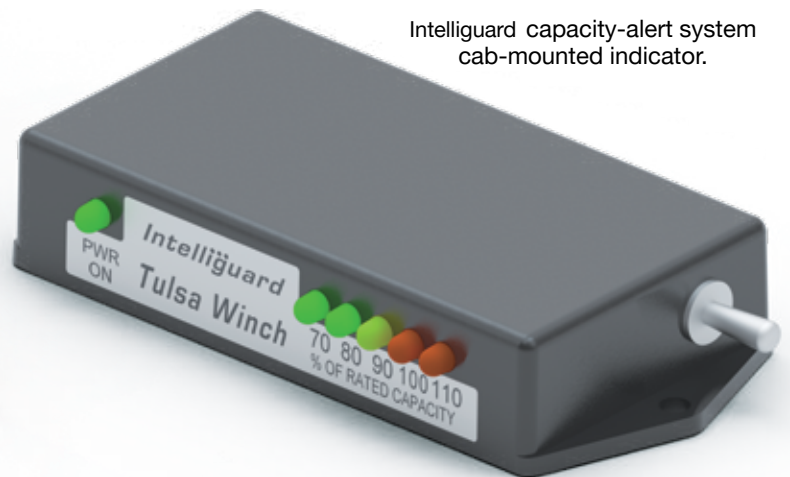
- Servicing is more convenient as 12 kits are available for efficient winch repair



RUFNEK Winch Model Code



Intelliguard capacity-alert system cab-mounted indicator.



⚠ CAUTION:

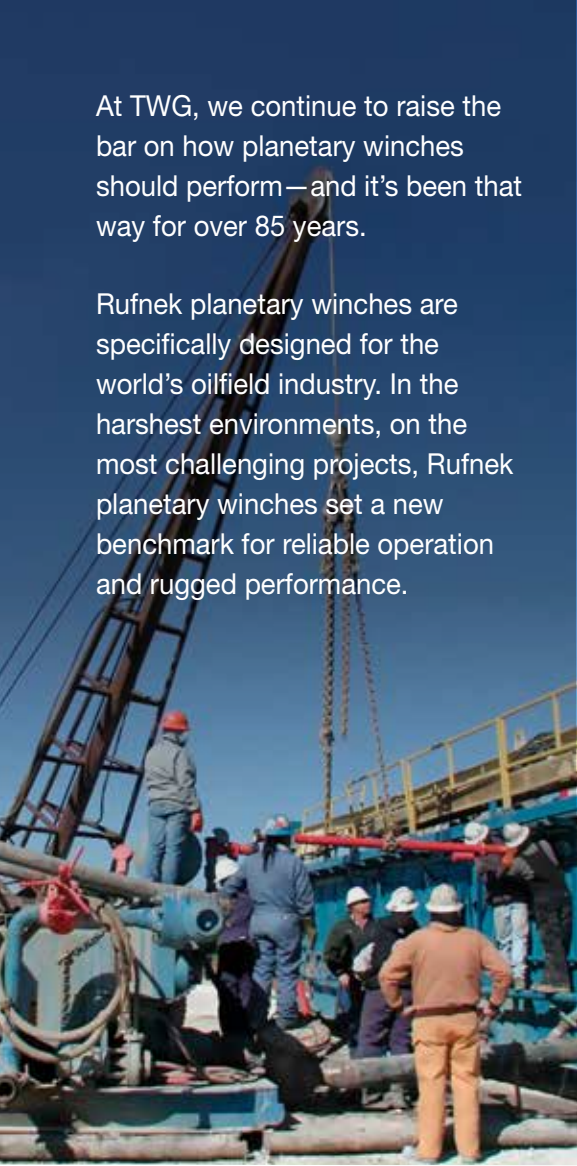
The last 5 wraps of cable must be left on the drum to assist the cable clamp in holding the load.

⚠ WARNING:

Winches and capstans are not intended to be used for lifting or moving of persons.

At TWG, we continue to raise the bar on how planetary winches should perform—and it's been that way for over 85 years.

Rufnek planetary winches are specifically designed for the world's oilfield industry. In the harshest environments, on the most challenging projects, Rufnek planetary winches set a new benchmark for reliable operation and rugged performance.



Smart Technology. Safer Operation.

Rufnek winches and accessories are ideal for tough oilfield and heavy haul applications. Rufnek planetary winches are now available with the optional Intelliguard™ capacity-alert system that electronically measures torque and load information each time your winch is operated, available from 50,000 to 130,000 lb. line pull. As the winch approaches its maximum torque, Intelliguard's light indicator warns the operator and records the event.

Intelliguard's electronic records are easily downloadable and provide fleet and safety managers with critical information on the daily operation of their winches. The result? A new ability to help you make more informed decisions about equipment handling and preventive maintenance.

- Power On/Off events
- Clutch In/Out
- Torque events greater than 70% capacity
- Actual Usage Hours
- PDF report download via USB stick

OTHER RUFNEK PRODUCTS



WORM GEAR WINCHES



ROTARY TABLE DRIVES



ROTATING MOUSEHOLES



RIG FLOOR HOISTS

Technical and
Customer Support

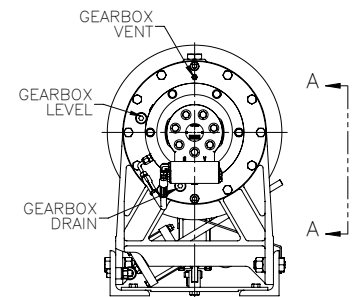
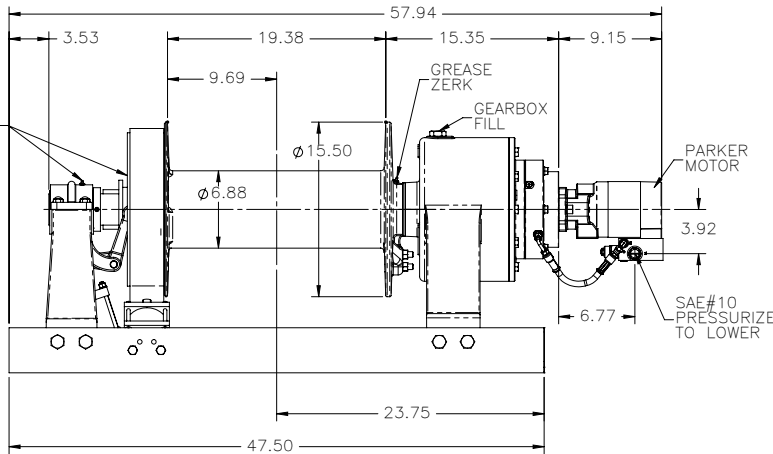
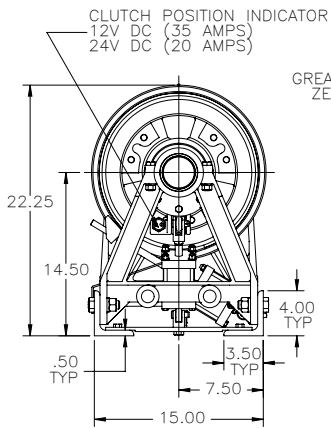
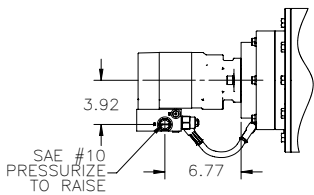
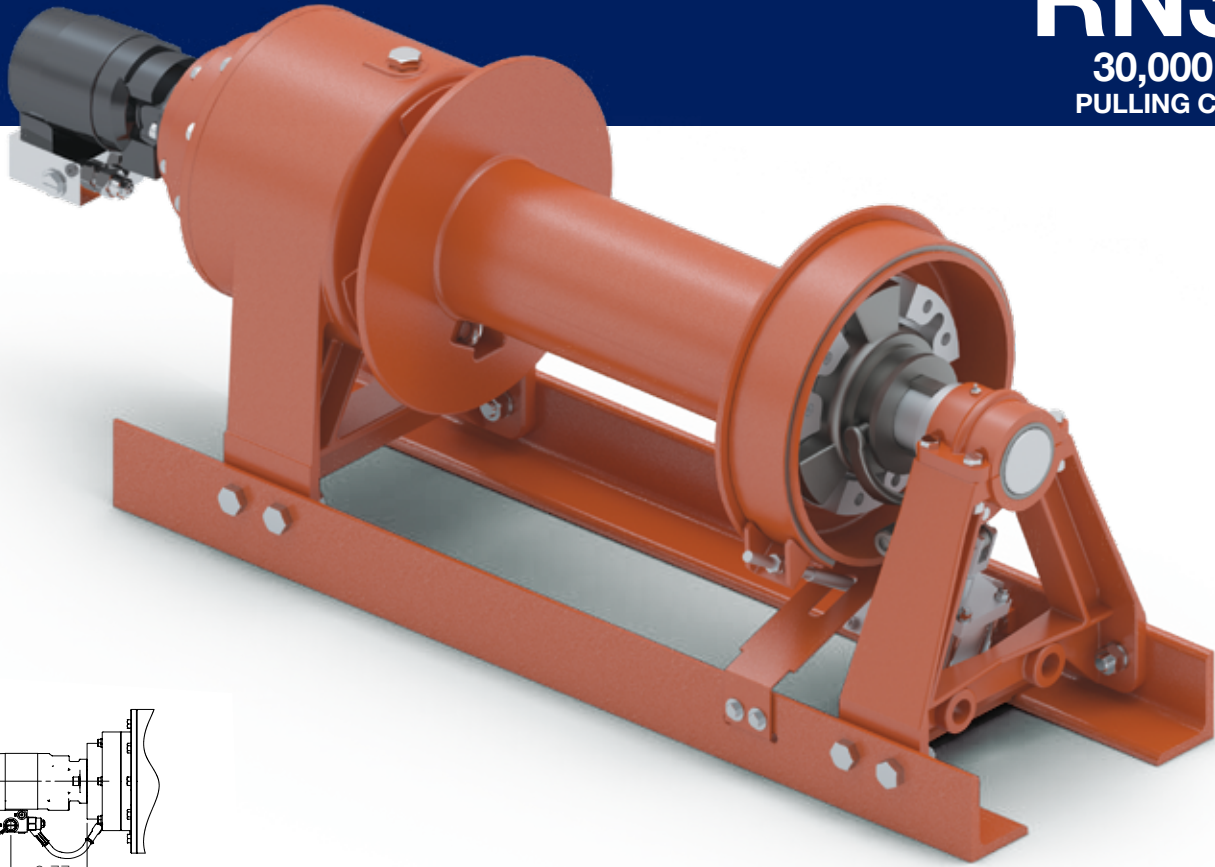
918.298.8300

salesinfo@dovertwg.com

Our Technical Support and Customer Support teams are available to answer your questions.

RN30P

30,000 LBS.
PULLING CAPACITY



PERFORMANCE DATA

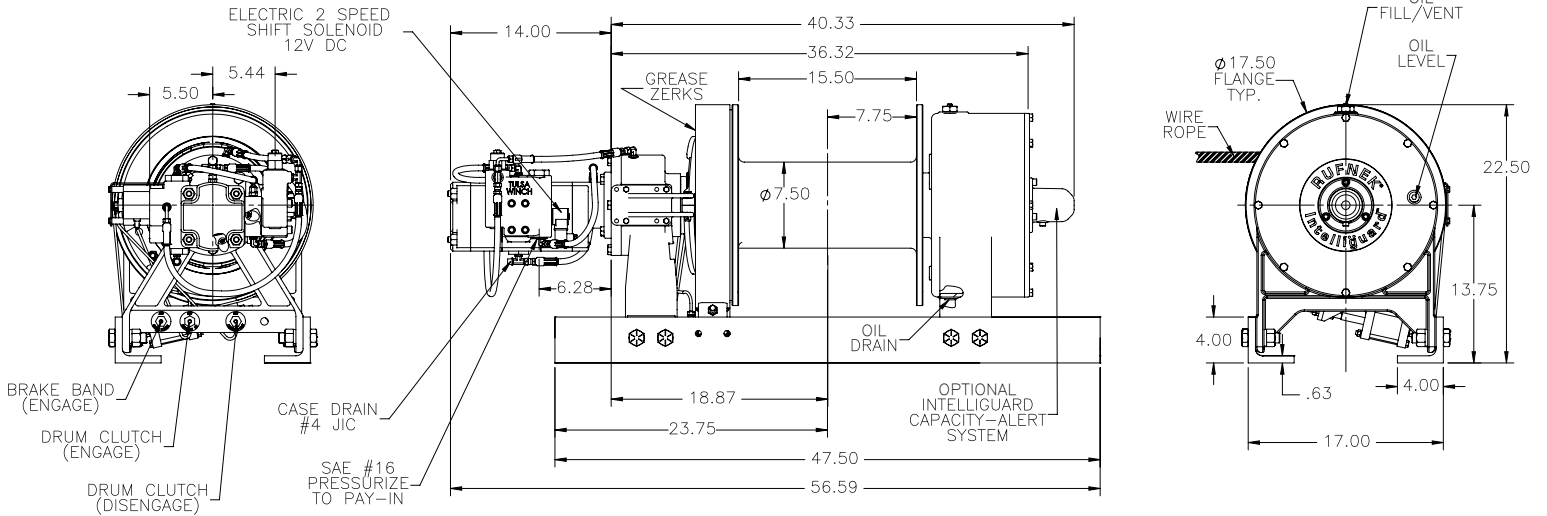
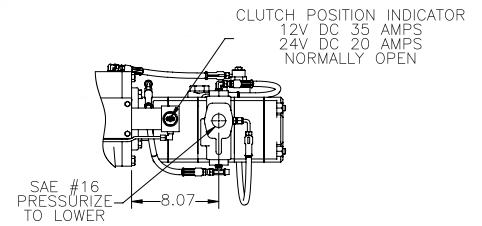
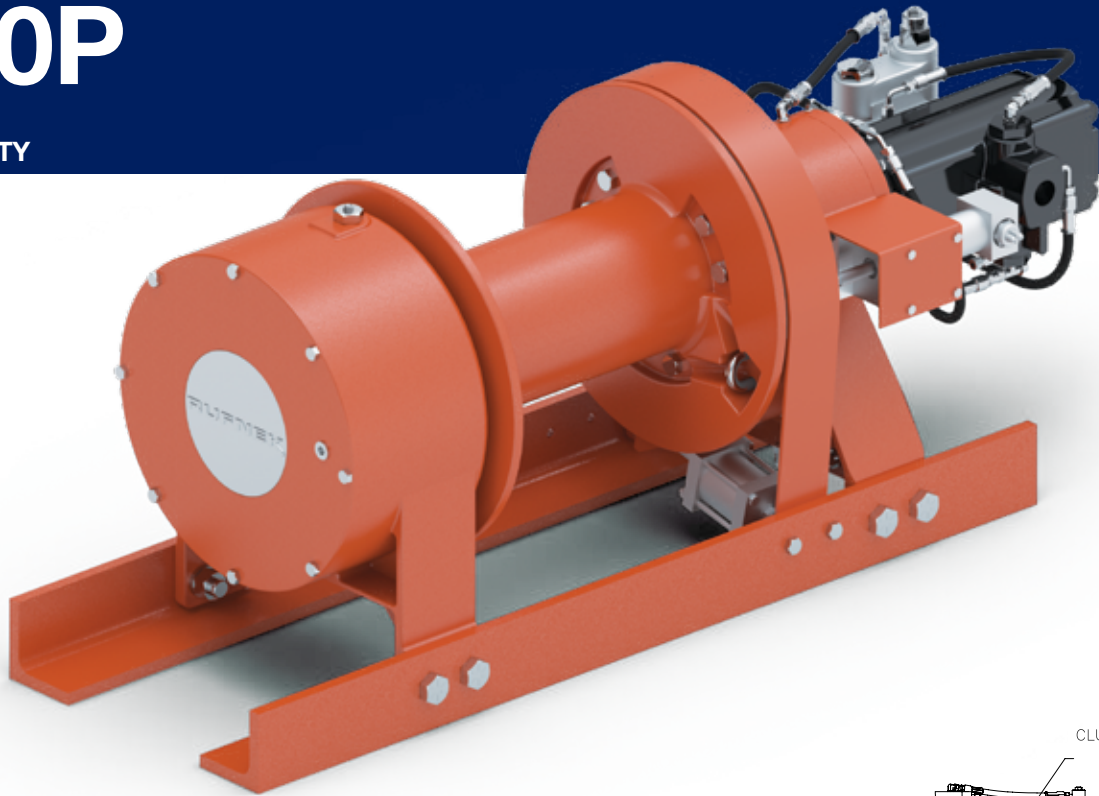
2400 PSI @ 60 GPM / 165 BAR @ 227 LPM

Layer	Low Speed				High Speed				Cable	
	Linepull		Linespeed		Linepull		Linespeed		Capacity	.750"ø
	(lb)	(kg)	(fpm)	(mpm)	(lb)	(kg)	(fpm)	(mpm)	(ft)	(m)
1	30,000	13,608	56	17	15,400	6985	111	34	31	10
2	25,805	11,705	66	20	12,903	5853	133	41	68	21
3	22,205	10,072	77	24	11,102	5036	154	47	111	34
4	19,486	8839	88	27	9743	4419	176	54	160	49
5	17,360	7874	99	30	8680	3937	198	60	215	67

Approximate weight: 690 lb / 313 kg

RN50P

50,000 LBS.
PULLING CAPACITY



PERFORMANCE DATA

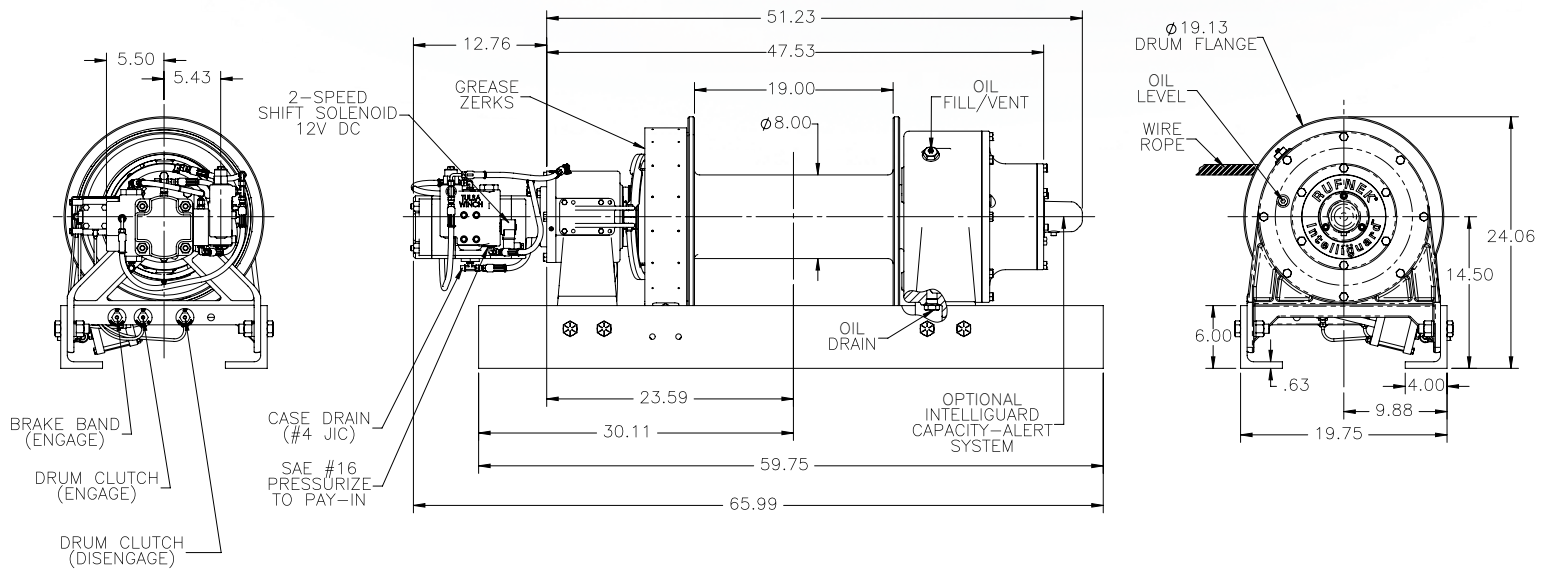
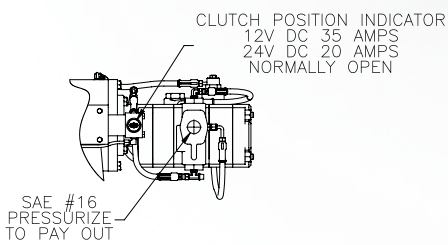
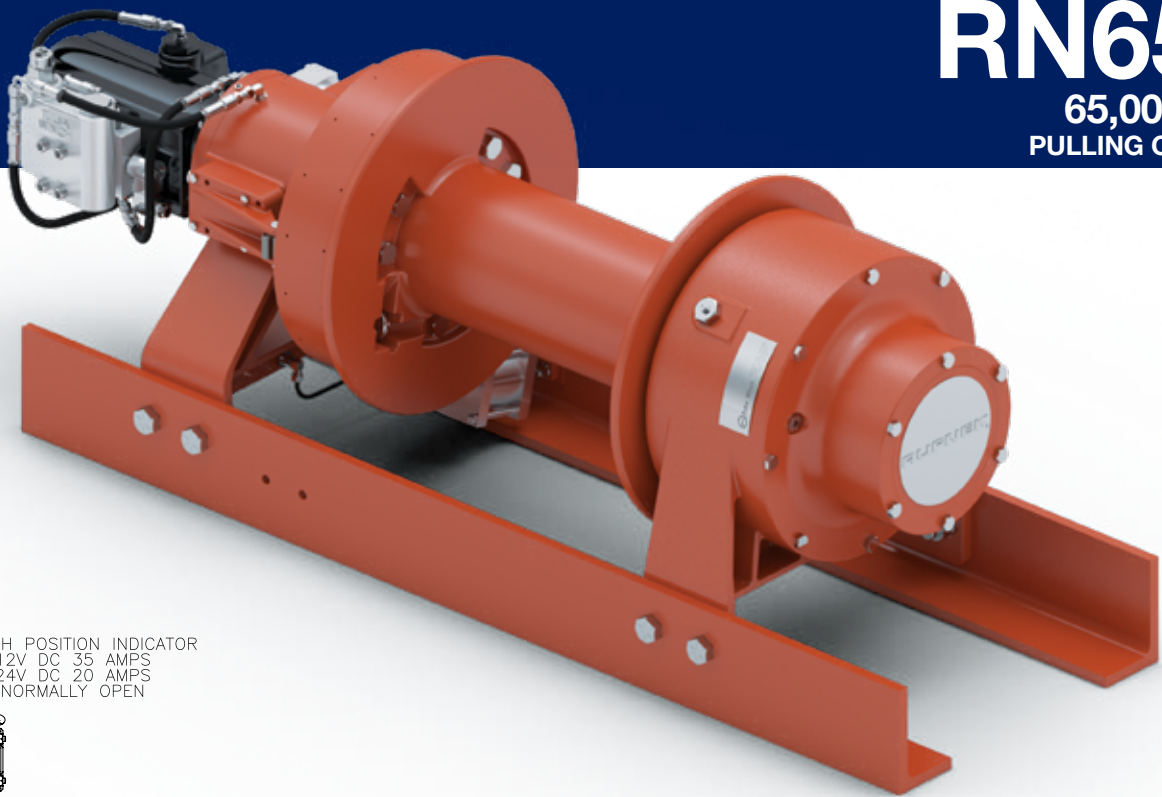
2500 PSI @ 60 GPM / 155 BAR @ 227 LPM

Layer	Low Speed				High Speed				Cable	
	Linepull		Linespeed		Linepull		Linespeed		Capacity	.875"Ø
	(lb)	(kg)	(fpm)	(mpm)	(lb)	(kg)	(fpm)	(mpm)	(ft)	(m)
1	50,000	22,679	40	13	21,230	9629	83	25	34	10
2	41,501	18,824	49	15	17,561	7965	100	31	74	21
3	35,385	16,050	57	17	14,973	6791	117	37	122	35
4	30,840	13,988	65	19	13,050	5919	134	42	176	51
5	27,330	12,396	74	22	11,565	5245	152	48	238	73

Approximate weight: 940 lb / 426 kg

RN65P

65,000 LBS.
PULLING CAPACITY



PERFORMANCE DATA

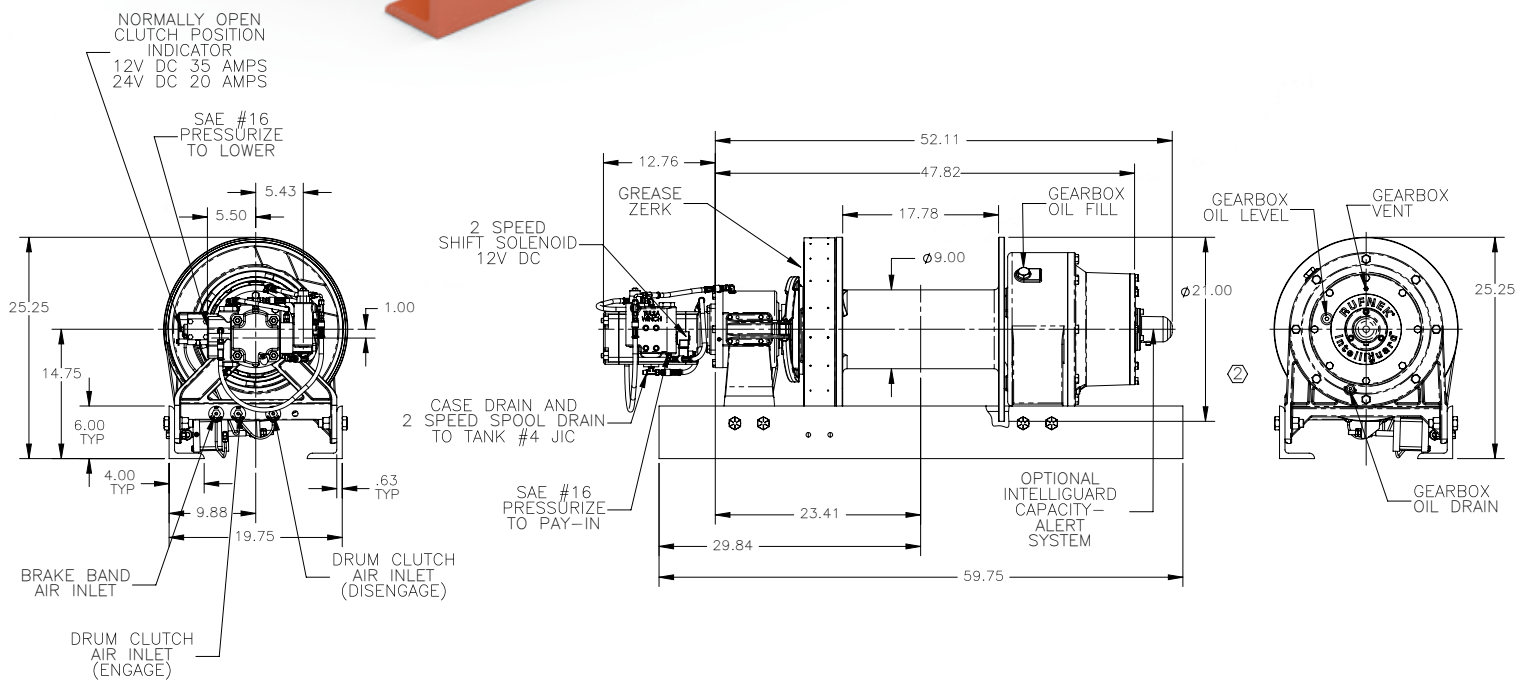
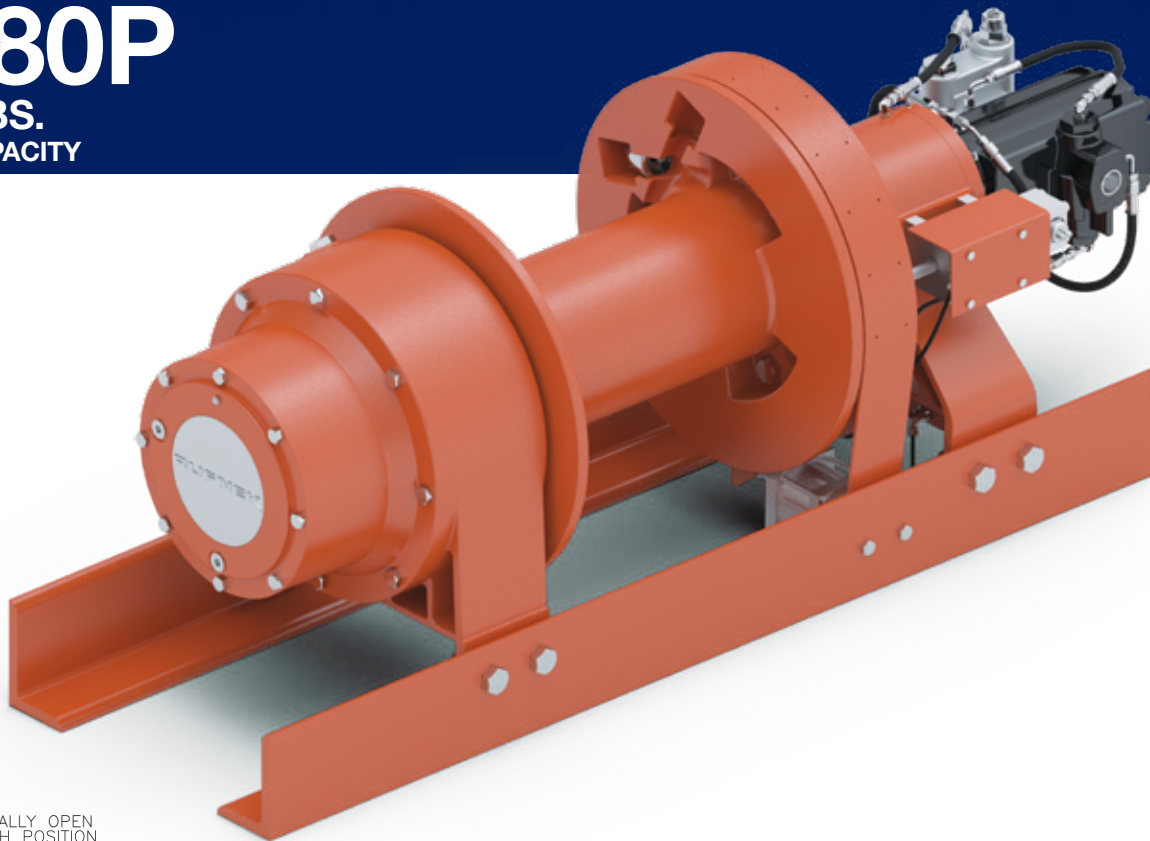
2400 PSI @ 60 GPM / 164 BAR @ 227 LPM

Layer	Low Speed				High Speed				Cable	
	Linepull		Linespeed		Linepull		Linespeed		Capacity	1.0"Ø
	(lb)	(kg)	(fpm)	(mpm)	(lb)	(kg)	(fpm)	(mpm)	(ft)	(m)
1	65,000	29,483	31	9	29,576	13,154	69	21	40	12
2	52,237	23,586	38	12	24,199	10,886	84	25	89	27
3	45,047	20,411	45	14	20,476	9071	99	30	148	45
4	39,041	17,690	52	16	17,746	7711	114	35	218	65

Approximate weight: 1300 lb / 589 kg

RN80P

80,000 LBS.
PULLING CAPACITY



PERFORMANCE DATA

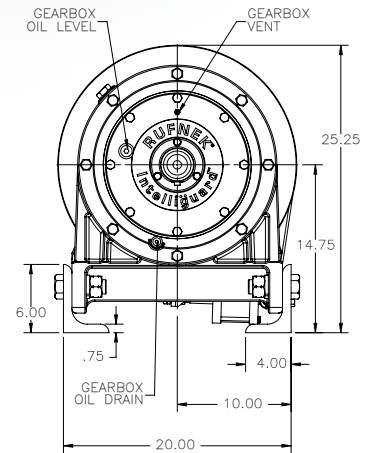
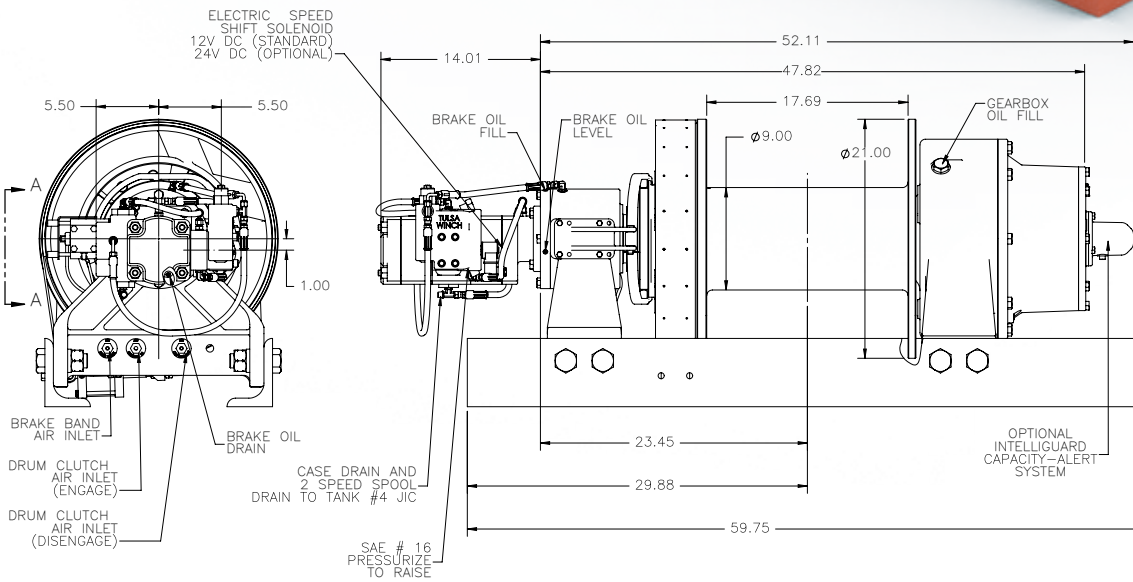
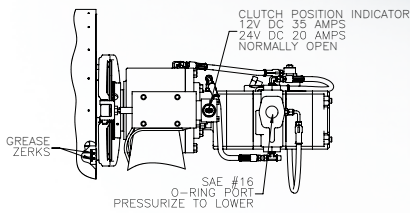
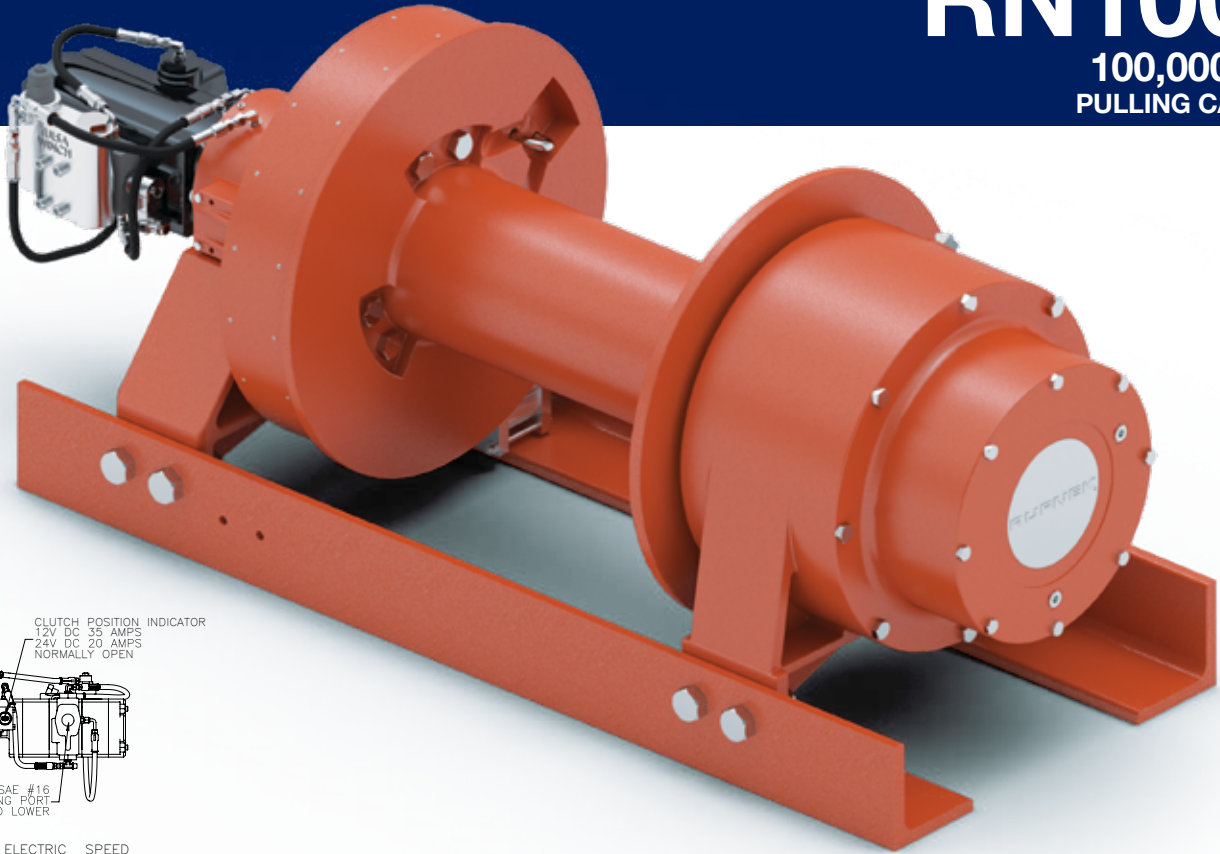
2700 PSI @ 60 GPM / 186 BAR @ 227 LPM

Layer	Low Speed				High Speed				Cable	
	Linepull		Linespeed		Linepull		Linespeed		Capacity	1.0" ø
	(lb)	(kg)	(fpm)	(mpm)	(lb)	(kg)	(fpm)	(mpm)	(ft)	(m)
1	80,000	36,287	27	8	36,526	16,565	60	18	45	14
2	66,679	30,239	33	10	30,438	13,804	72	22	98	30
3	57,153	25,919	38	12	26,090	11,832	84	26	160	49
4	50,009	22,679	44	13	22,829	10,353	96	29	231	70
5	44,453	20,159	49	15	20,292	9203	108	33	312	95

Approximate weight: 1645 lb / 746 kg

RN100P

100,000 LBS.
PULLING CAPACITY



PERFORMANCE DATA

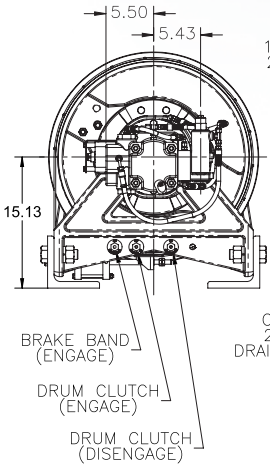
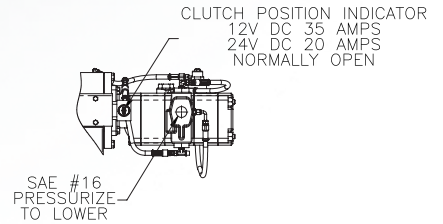
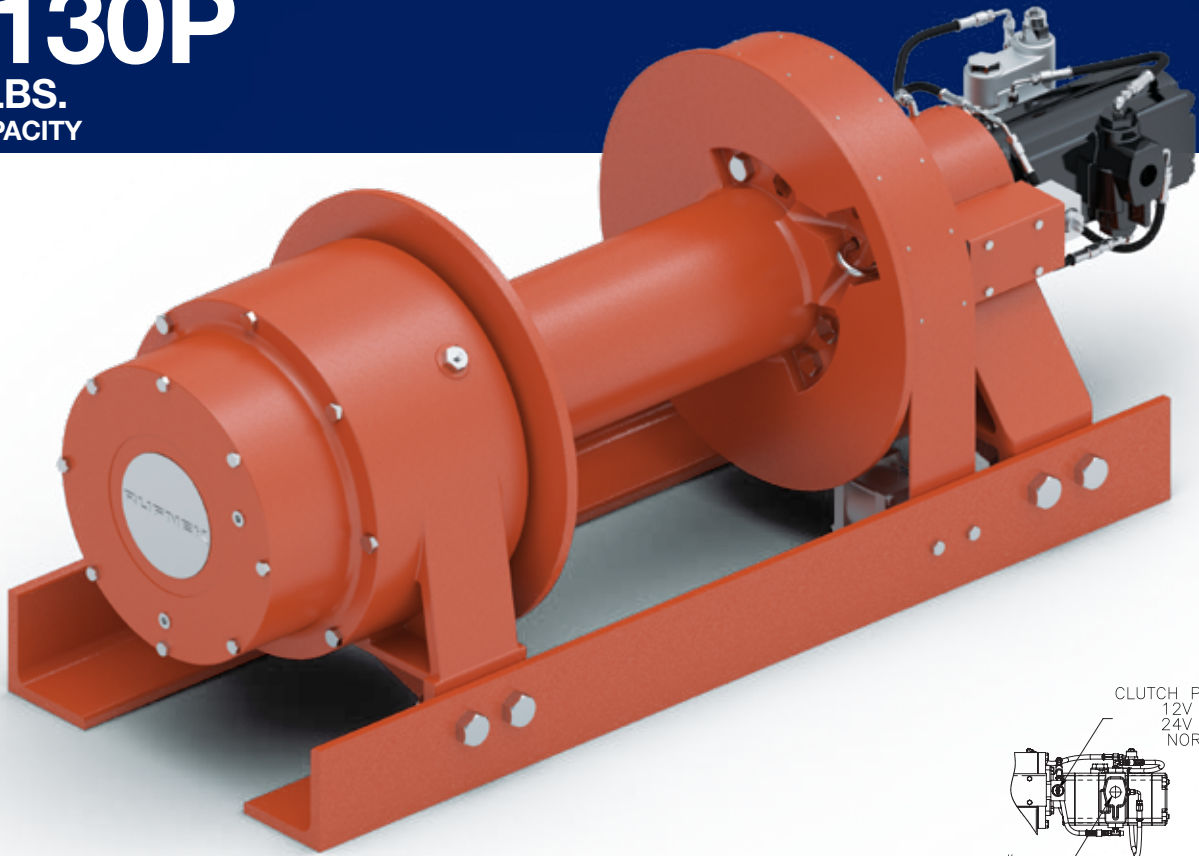
2750 PSI @ 60 GPM / 190 BAR @ 227 LPM

Layer	Low Speed				High Speed				Cable	
	Linepull (lb)	Linepull (kg)	Linespeed (fpm)	Linespeed (mpm)	Linepull (lb)	Linepull (kg)	Linespeed (fpm)	Linespeed (mpm)	Capacity (ft)	Capacity 1.125"Ø (m)
1	100,000	45,357	23	7	45,901	20,816	49	15	53	16
2	81,830	37,110	28	8	37,555	17,031	60	18	118	36
3	69,241	31,401	33	10	31,777	14,411	71	22	194	59
4	60,009	27,214	38	12	27,540	12,490	82	25	283	86
5	52,949	24,012	43	13	24,300	11,020	93	28	383	117
6	47,376	21,485	48	15	21,742	9860	104	32	495	151

Approximate weight: 2060 lb / 934 kg

RN130P

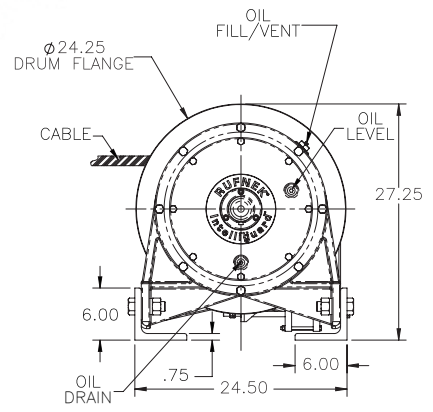
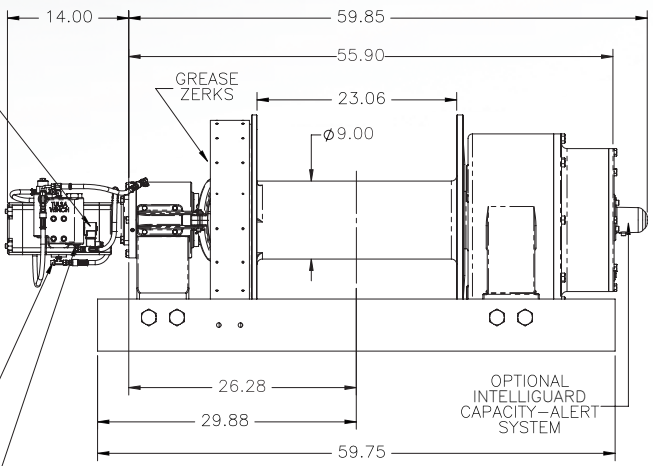
130,000 LBS.
PULLING CAPACITY



ELECTRIC SPEED SHIFT SOLENOID
12V DC (STANDARD)
24V DC (OPTIONAL)

CASE DRAIN AND 2 SPEED SPOOL DRAIN TO TANK #4 JIC

SAE #16 PRESSURIZE TO RAISE



PERFORMANCE DATA

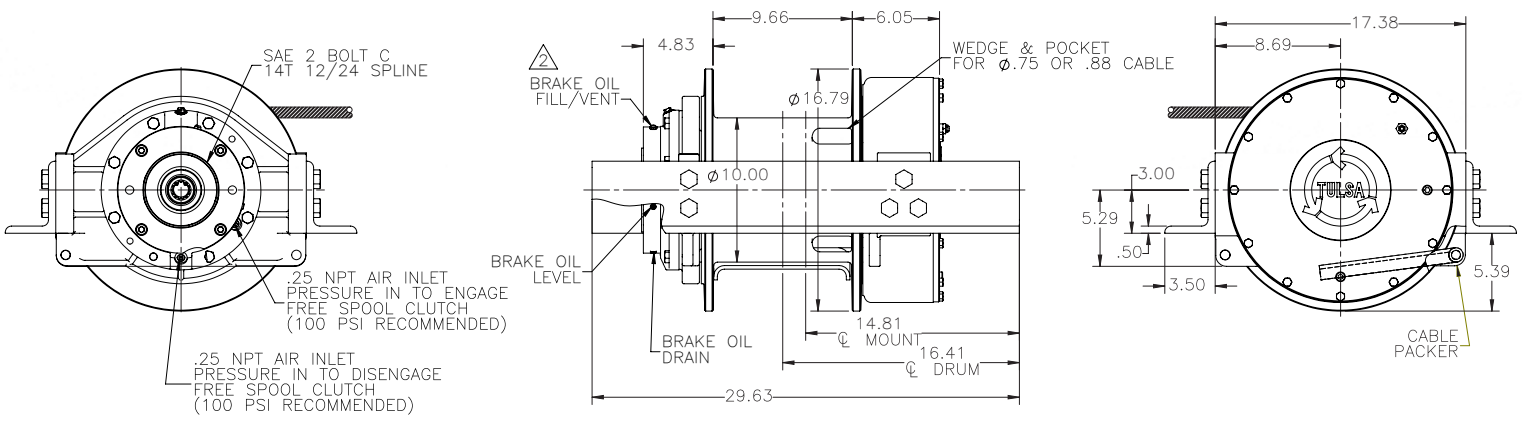
2500 PSI @ 60 GPM / 172 BAR @ 227 LPM

Layer	Low Speed				High Speed				Cable	
	Linepull		Linespeed		Linepull		Linespeed		Capacity	1.125"ø
	(lb)	(kg)	(fpm)	(mpm)	(lb)	(kg)	(fpm)	(mpm)	(ft)	(m)
1	130,000	59,702	15	5	65,828	29,853	31	9	53	16
2	107,718	48,850	19	6	53,859	24,425	37	11	118	36
3	91,146	41,335	22	7	45,573	20,667	44	13	194	59
4	78,993	35,823	25	8	39,497	17,912	51	16	283	86
5	69,700	31,609	29	9	34,850	15,804	58	18	383	119
6	62,363	28,282	32	10	31,181	14,141	65	20	495	151

Approximate weight: 2200 lb / 998 kg

3541RL

35,000 LBS.
PULLING CAPACITY



PERFORMANCE DATA

2000 PSI @ 30 GPM / 138 BAR @ 114 LPM

Layer	Low Speed				Cable		High Speed				Cable	
	Linepull		Linespeed		Capacity		Linepull		Linespeed		Capacity	
	(lb)	(kg)	(fpm)	(mpm)	(ft)	(m)	(lb)	(kg)	(fpm)	(mpm)	(ft)	(m)
1	35,000	15,876	19	5	46	14	35,000	15,876	19	5	33	10
2	30,722	13,935	21	6	98	30	30,722	13,925	21	6	70	21
3	27,371	12,415	24	7	156	48	27,371	12,415	24	7	113	34

TWG

a **DOVER** company

www.dovertwg.com

**Technical and
Customer Support**

918.298.8300

salesinfo@dovertwg.com

Winches in this brochure are optimized for viewing and not shown to scale. All measurements are in inches. All RUFNEK® Winches are designed in accordance with SAE J706. Because of product improvement, we reserve the right to make changes without notice.

© 2018 TWG. All rights reserved.

38022 RN PLANETARY 3-18 rev