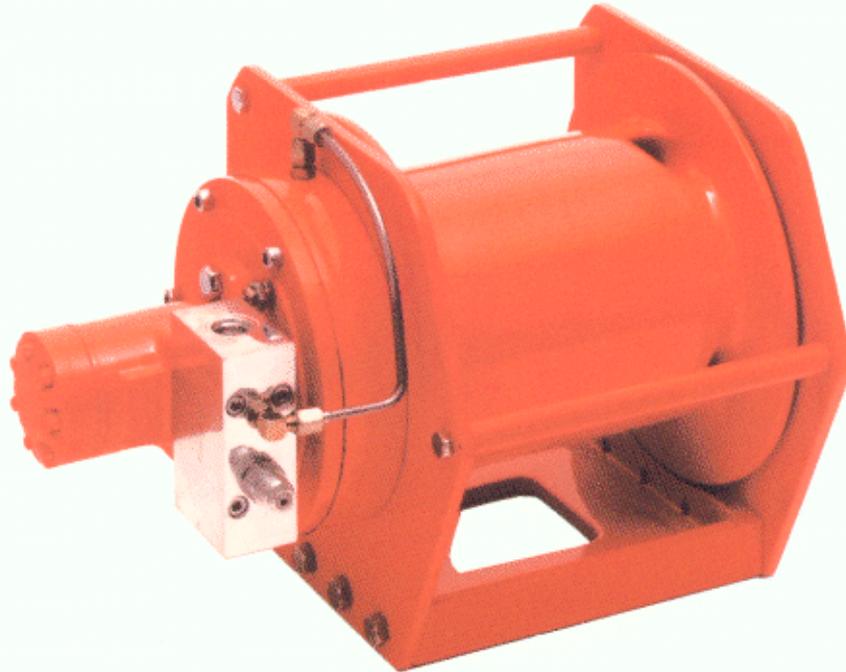
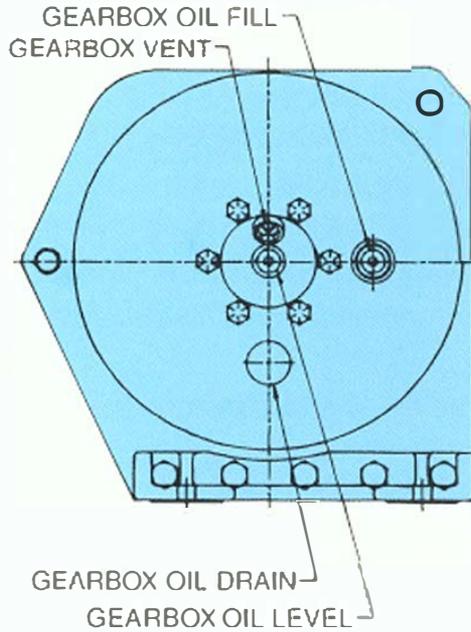
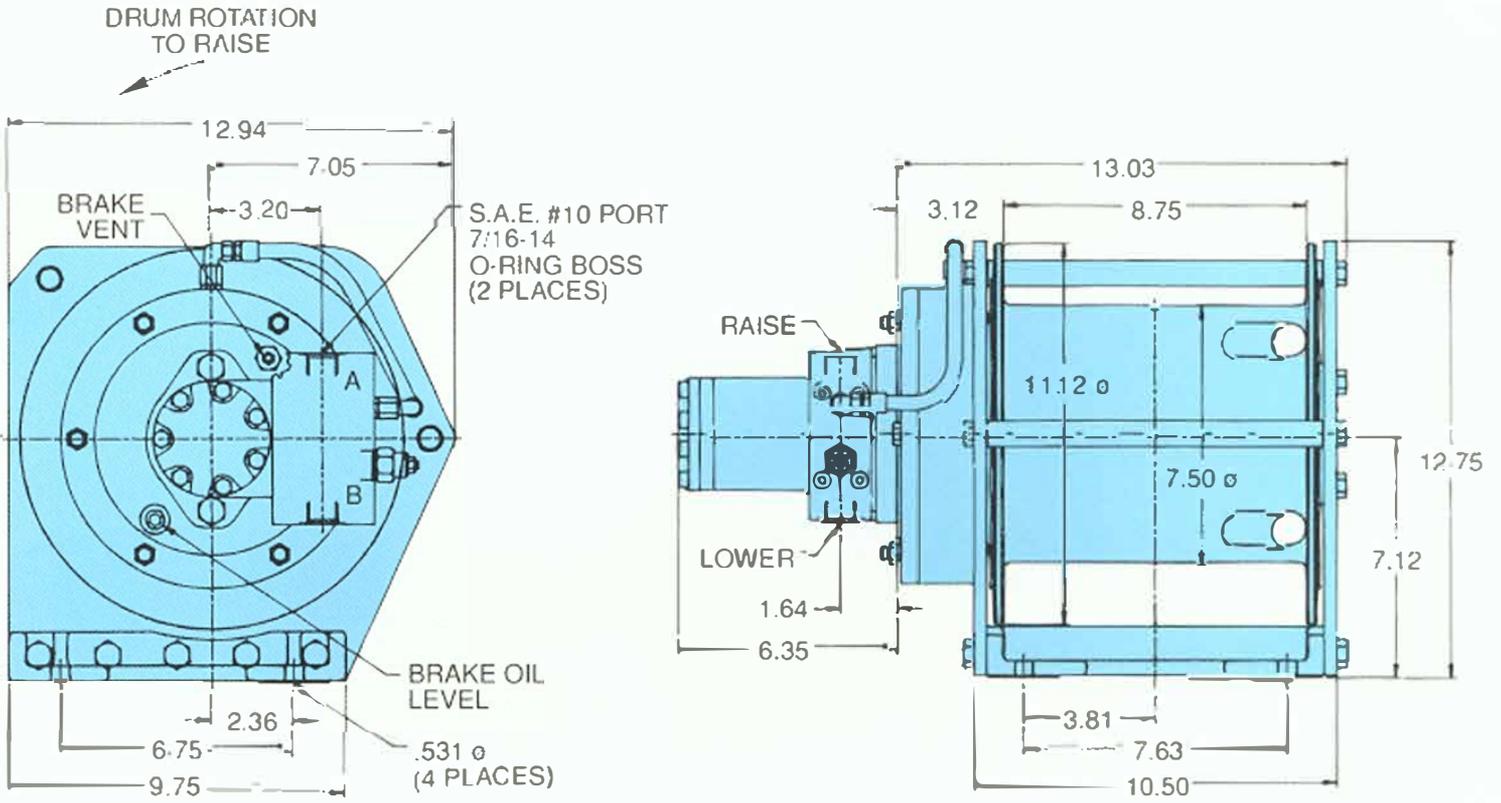


## MODEL 506W WINCH



- Rated at 5,000 Pounds First Layer Linepull.
- Applications include truck-mounted cranes, rough-terrain cranes, drilling rigs, offshore cranes and fishing vessels.
- Available with multiple motor options to provide optimum linespeed and linepull for your application.
- Integral spring-applied, hydraulically-released brake for static load holding. The brake has its own oil cavity to insure long life, positive clutch engagement.
- A motor-mounted brake valve provides positive dynamic braking.
- The cable drum is mounted on large-capacity ball bearings for smooth operation.
- Designed for easy servicing.

# INSTALLATION DIMENSIONS



# PERFORMANCE DATA

With 11.9 cu. in. motor  
PRESSURE (PSI)

FLOW (GPM)

	200	400	600	800	1000	1200	1400	1600	1750	1800	2000	2500
2	508	1033	1564	2071	2546	3031	3452	3880	4140	4231	4577	
	12	12	11	11	10	9	8	6	5	4	3	
4	505	1039	1580	2103	2605	3094	3524	3981	4309	4414	4840	5845
	25	25	24	23	23	23	22	21	20	20	18	13
6	471	1013	1556	2094	2614	3111	3578	4009	4355	4466	4893	5898
	37	36	36	35	35	34	33	32	31	30	28	22
8	419	976	1509	2049	2579	3084	3541	3990	4334	4446	4886	5949
	49	48	48	47	47	46	45	44	43	42	39	32
10	366	918	1455	2149	2520	3017	3472	3949	4289	4396	4834	5875
	61	60	60	60	59	59	58	56	54	53	50	43
12	279	839	1398	1940	2474	2962	3422	3893	4247	4366	4805	5861
	74	73	72	72	71	71	70	68	66	65	61	51
14	237	770	1324	1864	2395	2877	3348	3823	4177	4298	4742	5816
	86	85	84	83	83	83	82	80	78	77	73	64
15	216	716	1281	1815	2348	2825	3301	3786	4146	4261	4712	5795
	92	91	91	90	89	89	88	86	84	83	79	70
20		448	1005	1560	2103	2600	3059	3538	3910	4037	4508	
		122	121	120	119	119	118	116	114	113	109	

Top number in each block is linepull in pounds.

Bottom number in each block is linespeed in feet per minute.

Performance shown is for first layer with 7/16" wire rope. For additional layers, use factors below.

Layer	Linepull	Linespeed
2	0.90	1.11
3	0.82	1.22

## CUMULATIVE CABLE CAPACITY (Feet of 7/16" Rope)

Layer	Amt.
1	41
2	87
3	138

## Winches and Speed Reducers Known Around the World for Quality



Since its first winch went into service in 1929, Tulsa Winch has built a national and international reputation for top quality winches and speed reducers.

Today, the company manufactures and markets a wide variety of products from a modern 53,000-square-foot plant in Tulsa, Oklahoma. To maintain its high standards, the company has invested heavily in state-of-the-art inspection equipment to assure that every part is made to exacting specifications. Its formal quality assurance program also includes inspection and calibration for both company and employee-owned gauges. Even more significant is the fact that every employee, regardless of job title, is assigned responsibility as a Quality Inspector.

The Tulsa Winch plant utilizes a unique "cell concept" which allows parts to be moved from one machine to another without unnecessary handling and delays. The company has an aggressive machine tool acquisition program and utilizes the latest in computerized machining technology to enhance its customer service capabilities.

In-house computer-aided design and drafting capabilities allow the company to produce the highest quality products possible while being unusually responsive to customer requests for modifications.

Tulsa's test facility features a 100-HP hydraulic power supply, electronic linepull and linespeed measuring devices and other specialized pieces of equipment. Its 35-foot tower, which is capable of 110,000-pound lifts, also helps assure that every Tulsa Winch product meets the very highest standards.

**Ryan H.** [Click Here To Visit](#)  
**Hydraulic Service, Inc.**