

# Force 5™ “Guideline and Podline” Air Winches FA7TGL 3400 lb (1545 kg) FA7TPL 10200 lb (4636 kg)



As offshore oil drilling heads into deeper waters, IR Guideline and Podline winches are prepared to follow.

■ **These specially configured versions of the “Popeye Junior” tall flange air winch feature:**

- Top layer ratings insure “lift at any layer” capability
- 42 inch (1067 mm) drum flange height and length for maximum cable capacity. Other drum flange sizes are available.
- Corrosion resistant marine grade coating system: Sandblast to white metal finish and carbozinc primer with a Marine 812 finish.
- With T-handle, bullet nose, and grease points, the stainless steel locking dog is easy to operate, trouble free, and maintenance friendly.
- Winch mounted throttle for precise load control; remote control is optional.
- **Internal** automatic disc brake is protected from the elements.



■ **Specific to the FA7TGL Guideline winch:**

- A lower gear ratio and switching valve arrangement with pressure regulator preset for unmanned lowering of sub-sea equipment.
- Simply flipping a lever switches the winch from utility to guide line mode. In this mode, the winch can be overhauled at speeds up to 90 fpm (28 m/min).
- In guide line mode, a pressure regulator can be set to adjust the tension.

**Specifications at rated load: performance is based on 90 psi (6.3 bar) air inlet pressure with motor running**

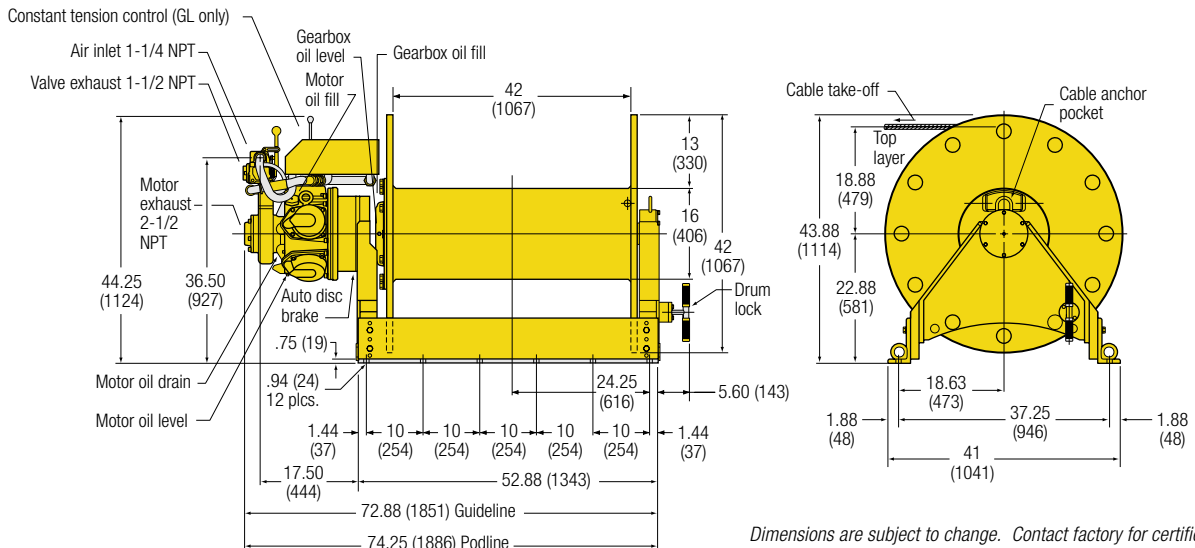
Model no.	Lift Ratings			Average speed	Stall	Avg. air consump. at rated load	Inlet pipe size	Ship weight	Wire rope storage capacity		
	First	Mid	Top						5/8" (15 mm)	3/4" (19 mm)	7/8" (22 mm)
<b>FA7TGL42</b> (Guideline)	7800 lbs 3545 kg	4850 lbs 2205 kg	3400 lbs 1545 kg	102 fpm 22 m/min	10000 lbs 4545 kg	750 scfm 21.3 m³/min	1 1/4" NPT 1 1/4" NPT	2981 lbs 1352 kg	10372 ft 3161 m	7480 ft 2280 m	5262 ft 1604 m
<b>FA7TPL42</b> (Podline)	22800 lbs 10364 kg	14300 lbs 6500 kg	10200 lbs 4636 kg	45 fpm 13.8 m/min	36000 lbs 16364 kg	750 scfm 21.3 m³/min	1 1/4" NPT 1 1/4" NPT	2850 lb 1293 kg	not recommended	7480 ft 2280 m	5262 ft 1604 m

**Wire rope storage capacity\***

Model no.	1/2 in. (13 mm)	5/8 in. (15 mm)	3/4 in. (19 mm)	7/8 in. (22 mm)	1 in. (25 mm)	Wire rope breaking strngth	1/2 in. (13 mm)	5/8 in. (15 mm)	3/4 in. (19 mm)	7/8 in. (22 mm)	1 in. (25 mm)
	<b>FA7TGL42</b>	16005 ft 4880 m	10347 ft 3155 m	6865 ft 2093 m	5237 ft 1597 m		3937 ft 1200 m	26600 lbs 12091 kg	41200 lbs 18727 kg	58800 lbs 26727 kg	79600 lbs 36182 kg
<b>FA7TPL42</b>	not recommended		6865 ft 2093 m	5237 ft 1597 m	3937 ft 1200 m	<b>Wt per ft</b> <b>Wt per m</b>	0.46 lbs 0.69 kg	0.72 lbs 1.07 kg	1.04 lbs 1.55 kg	1.42 lbs 2.12 kg	1.85 lbs 2.76 kg

\* Capacities represent tightly wound wire rope. Recommended working capacity is 80% of values shown.

**Dimensions: inches (mm)**



Dimensions are subject to change. Contact factory for certified prints