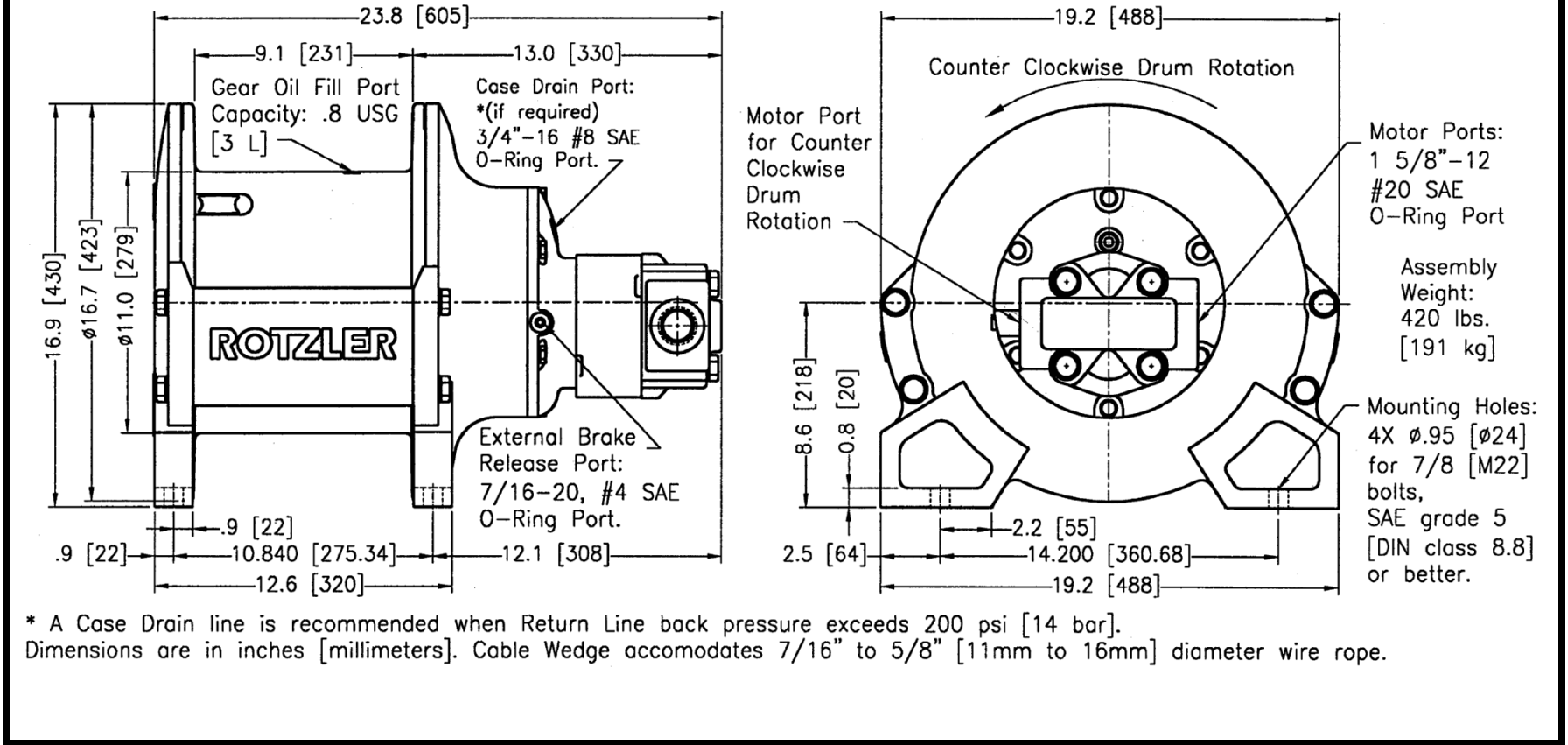


2. TECHNICAL DATA – TH4.XX.0.0

#TH4.**.0.0 REV A

To safely support the load, maintain at least three wraps of rope on the Cable Drum at all times.



• CABLE DRUM STORAGE CAPACITY

CABLE SIZE	7/16"	1/2"	9/16"	5/8"	11 mm	12 mm	14 mm	15 mm	16 mm
STORAGE CAPACITY	415'	298'	268'	188'	125 m	94 m	83 m	59 m	57 m

• **LINE PULL – TH4.XX.0.0**

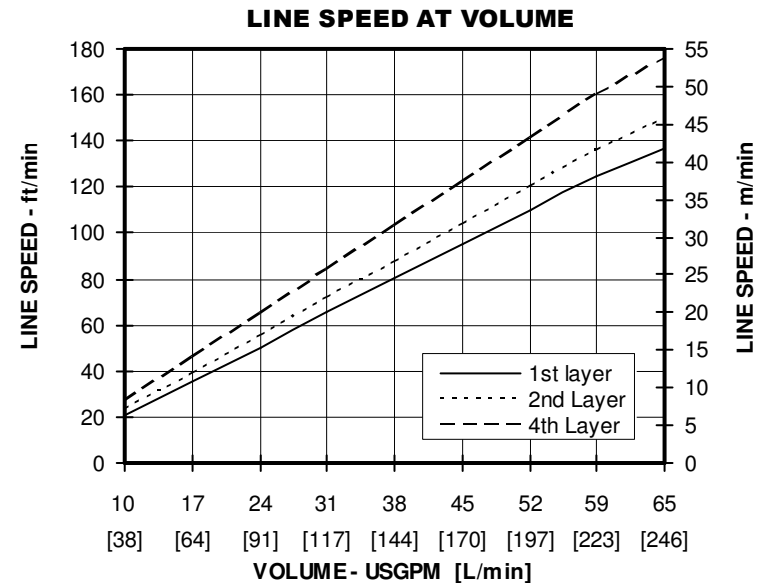
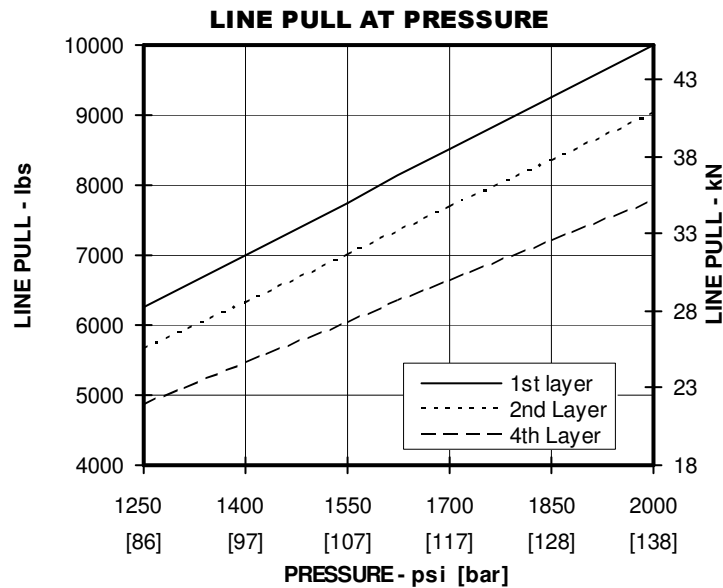
SYSTEM PRESSURE	DRUM TORQUE	LINE PULL AT SYSTEM PRESSURE
Maximum system pressure: 2000 psi [138 bar]	58230 in-lb [6580 N·m]	Bare Drum: 10000 lb [45 kN] Full Drum: 7800 lb [35 kN]
Minimum System Pressure: 1200 psi [83 bar]	34940 in-lb [3950 N·m]	Bare Drum: 6000 lb [27 kN] Full Drum: 4670 lb [21 kN]

• **LINE SPEED – TH4.XX.0.0**

SYSTEM VOLUME	DRUM SPEED	LINE SPEED AT SYSTEM VOLUME
Maximum System Volume: 65 USGPM [250 L/min]	45 RPM	Bare Drum: 137 ft/min [42 m/min] Full Drum: 176 ft/min [54 m/min]
Minimum System Volume: 10 USGPM [38 L/min]	7 RPM	Bare Drum: 21 ft/min [6 m/min] Full Drum: 27 ft/min [8 m/min]

• **PERFORMANCE GRAPHS – TH4.XX.0.0**

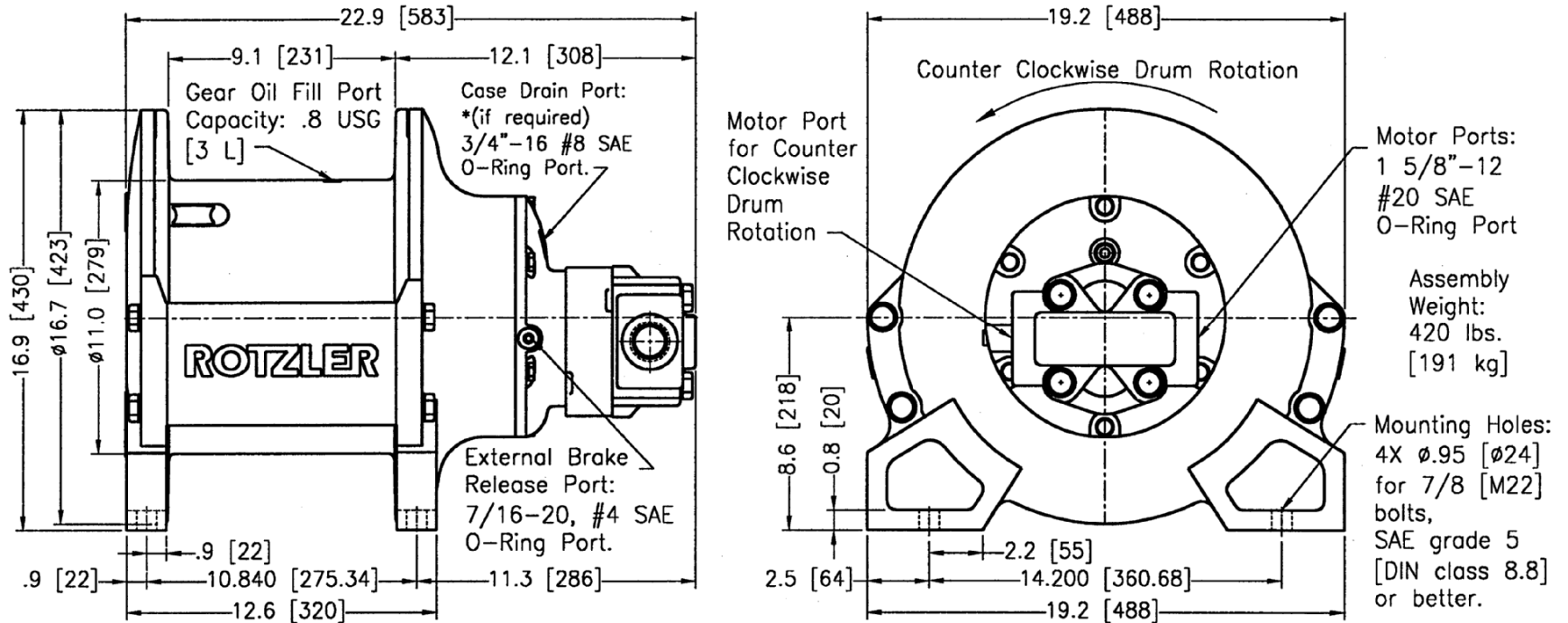
The following graphs show the winch performance with 5/8” diameter cable on various layers of the Cable Drum.



TECHNICAL DATA – TH4.XX.59.0

#TH4.**.59.0 REV A

To safely support the load, maintain at least three wraps of rope on the Cable Drum at all times.



* A Case Drain line is recommended when Return Line back pressure exceeds 200 psi [14 bar].
 Dimensions are in inches [millimeters]. Cable Wedge accommodates 7/16" to 5/8" [11mm to 16mm] diameter wire rope.

• CABLE DRUM STORAGE CAPACITY

CABLE SIZE	7/16"	1/2"	9/16"	5/8"	11 mm	12 mm	14 mm	15 mm	16 mm
STORAGE CAPACITY	415'	298'	268'	188'	125 m	94 m	83 m	59 m	57 m

• **LINE PULL – TH4.XX.59.0**

SYSTEM PRESSURE	DRUM TORQUE	LINE PULL AT SYSTEM PRESSURE
Maximum system pressure: 3200 psi [220 bar]	58230 in-lb [6580 N·m]	Bare Drum: 10000 lb [45 kN] Full Drum: 7800 lb [35 kN]
Minimum System Pressure: 1200 psi [83 bar]	34940 in-lb [3950 N·m]	Bare Drum: 3750 lb [17 kN] Full Drum: 2920 lb [13 kN]

• **LINE SPEED – TH4.XX.59.0**

SYSTEM VOLUME	DRUM SPEED	LINE SPEED AT SYSTEM VOLUME
Maximum System Volume: 40 USGPM [150 L/min]	45 RPM	Bare Drum: 137 ft/min [42 m/min] Full Drum: 176 ft/min [54 m/min]
Minimum System Volume: 8 USGPM [30 L/min]	9 RPM	Bare Drum: 27 ft/min [8 m/min] Full Drum: 35 ft/min [11 m/min]

• **PERFORMANCE GRAPHS – TH4.XX.59.0**

The following graphs show the winch performance with 5/8” diameter cable on various layers of the Cable Drum.

