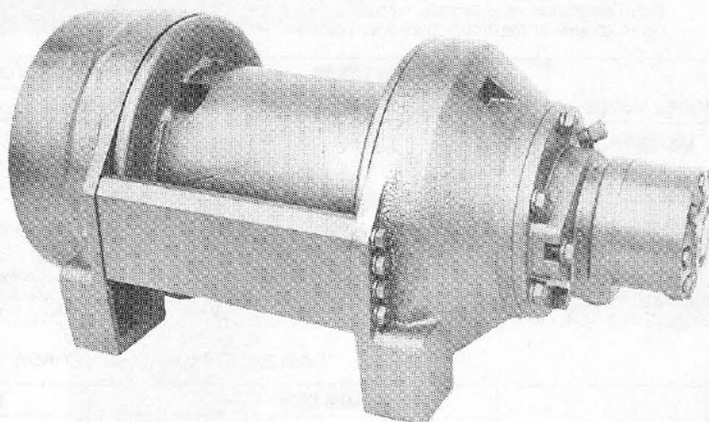


THE INTRAVENT

**Ryan**  *Click Here To Visit*  
**Hydraulic Service, Inc.**

# M6

PLANETARY, HYDRAULIC WINCH



**EQUAL SPEED  
DEDS TYN03**

 **pull**

**MASTER** 

**THE LOGICAL ALTERNATIVE**



### DESCRIPTION

The unit is powered by a 'Nichols' 110 series hydraulic motor and the required reduction ratio of 9.25:1 is established by one planetary reduction stage.

During lowering of a load the temperature generated by the disc brake is dissipated by a flow of hydraulic fluid supplied from the hydraulic motor. This circulation flow is vented internally and, therefore, there is no need for a drain line between winch and reservoir.

All moving parts of the **PULLMASTER** Model M6 planetary winch are totally enclosed and run in an oil bath. Anti-friction bearings are used on all turning components, assuring long, trouble-free service with a minimum requirement for maintenance.

## PERFORMANCE

Drum torque at maximum hydraulic pressure = 26448 lb. in. (305 kpm)

	BARE DRUM		MEAN DRUM		FULL DRUM	
MODEL NUMBER	LINE PULL	LINE SPEED	LINE PULL	LINE SPEED	LINE PULL	LINE SPEED
<b>M6-12-70-2</b>	6612 lb.	58 f.p.m.	58 00 lb.	67 f.p.m.	4990 lb.	77 f.p.m.
	3000 kp	18 m/min	2632 kp	20 m/min	2264 kp	24 m/min

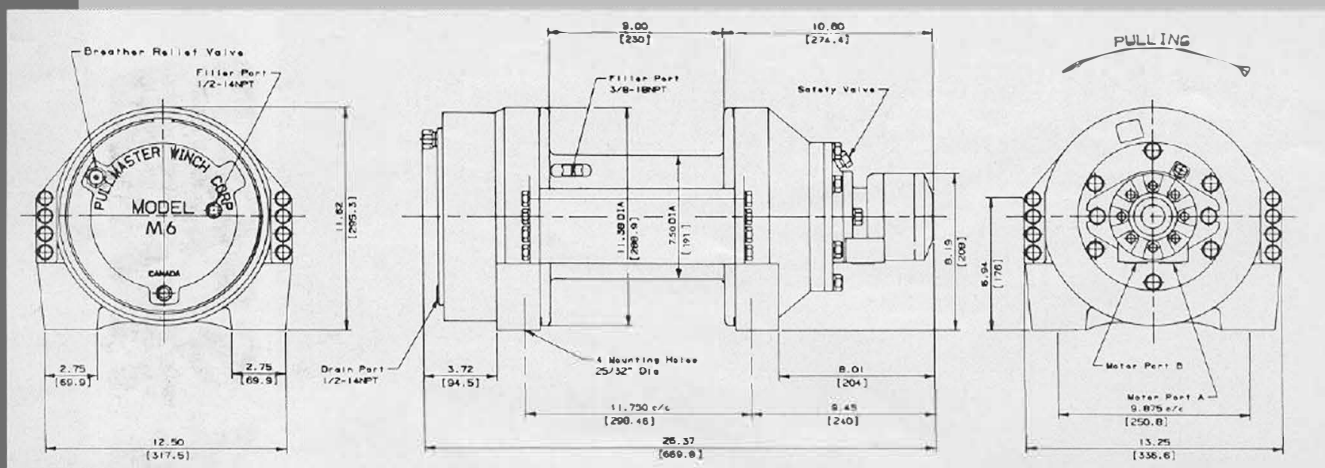
- Volume and pressure stated are maximum and must not be exceeded.
- When the **PULLMASTER** Model M6 is installed in an existing hydraulic circuit with a lesser volume and/or pressure, the performance will change. Performance graphs for line pull vs. oil pressure and line speed vs. oil volume are available upon request.

## CABLE STORAGE

MODEL NUMBER	DRUM SIZE			WIRE ROPE DIAMETERS (THEORETICAL)					
	BARREL	FLANGE	LENGTH	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"
<b>M6-12-70-2</b>	7-1/2"	11-3/8"	9"	546 ft	369 ft	264ft	199 ft	155ft	124 ft
	191 mm	289 mm	229 mm	167 m	113 m	81 m	61 m	47 m	38 m

The cable anchor of the **PULLMASTER** Model M6 planetary winch is not designed to hold the rated maximum load. The cable drum requires 4-6 wraps of wire rope for safety.

## DIMENSIONS



**IMPORTANT:**

**PULLMASTER** planetary winches are neither designed nor intended for installation on equipment used in lifting or moving of personnel.

## DISTRIBUTOR

