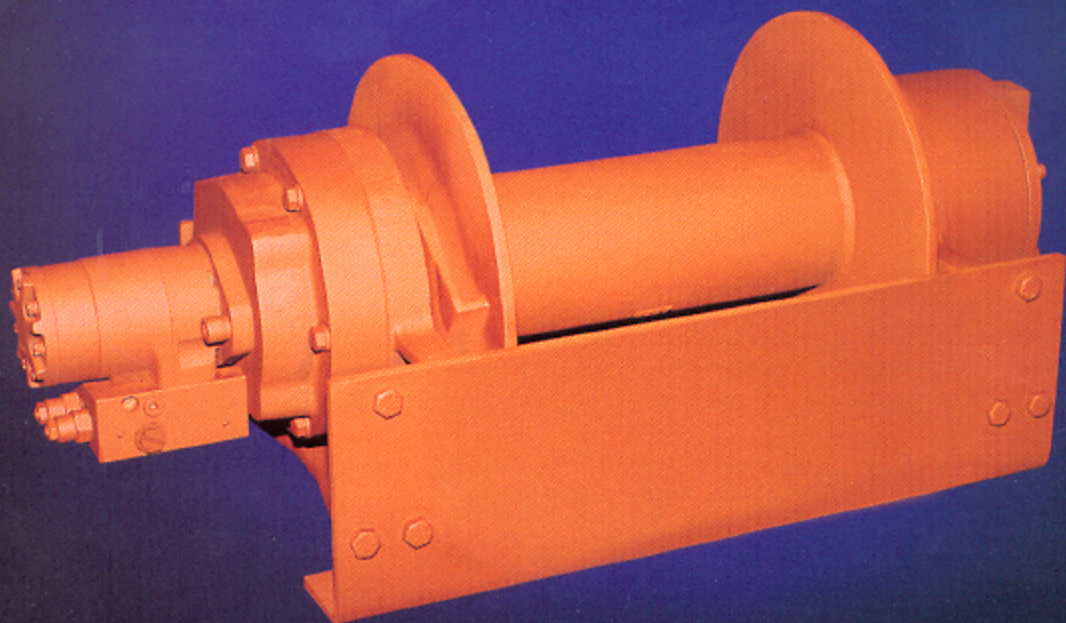


# **dp** WINCH



## **Models 12-15-20** 12,000-20,000 LB. **Dependable Performance/Compact Component Design**

### STANDARD FEATURES:

- Highly Efficient Planetary Gearing
- Multi-Disc Wet Brake
  - Spring-Applied/Hydraulic Release
  - Rated at Full Winch Load
- Fast Line Speeds Under Load
- Hydraulic Brake Valve
  - Controlled Lowering of Load
- Durable Motors
  - Long Life
- Simple Component Design
  - Easy Service
- Right- and Left-Hand Drum Rotations
  - Easy Field Conversion
- Complies with SAE J706

### OPTIONAL FEATURES:

- High-, Medium-, or Low-Speed Hydraulic Motors
- Manual or Air/Hydraulic Free Spool
  - Easy-To-Use Spring Activated Engagement
- 4-Way Roller Fairleads
- Spring-Loaded Cable Tensioner
- Custom Mounting Bases
- Special Drum Configurations

# PERFORMANCE DATA

## MODEL 12

WIRE ROPE DIA. IN.	LAYER	LINE PULL LB.	LINE SPEED FPM		
			HIGH FLOW	MEDIUM FLOW	LOW FLOW
7/16	1	12000	111	56	44
	2	10500	127	65	51
	3	9270	144	73	57
	4	8320	160	81	64
	5	7550	177	90	70
	6	6910	193	98	77
	7	6370	209	106	83
	8	5910	225	115	90

WIRE ROPE DIA. IN.	LAYER	LINE PULL LB.	LINE SPEED FPM		
			HIGH FLOW	MEDIUM FLOW	LOW FLOW
1/2	1	12000	112	57	45
	2	10300	131	66	52
	3	9000	150	76	60
	4	8000	168	85	67
	5	7200	187	95	74
	6	6550	206	104	82
	7	6000	225	114	89
	8	-	-	-	-

Model 12 Performance based on 20 GPM @ 2400 PSI (low flow), 25 GPM @ 2350 PSI (medium flow) and 40 GPM @ 2650 PSI (high flow)

## MODEL 15

WIRE ROPE DIA. IN.	LAYER	LINE PULL LB.	LINE SPEED FPM		
			HIGH FLOW	MEDIUM FLOW	LOW FLOW
1/2	1	15000	109	47	37
	2	12900	127	54	44
	3	11300	145	62	50
	4	10000	164	70	56
	5	9000	182	78	62
	6	8180	200	86	68
	7	7500	218	93	75

WIRE ROPE DIA. IN.	LAYER	LINE PULL LB.	LINE SPEED FPM		
			HIGH FLOW	MEDIUM FLOW	LOW FLOW
9/16	1	15000	110	47	38
	2	12700	131	56	45
	3	10900	151	65	52
	4	9640	172	73	59
	5	8610	192	82	66
	6	7780	212	91	73
	7	-	-	-	-

Model 15 Performance based on 20 GPM @ 2450 PSI (low flow), 25 GPM @ 2400 PSI (medium flow) and 50 GPM @ 2600 PSI (high flow)

## MODEL 20

WIRE ROPE DIA. IN.	LAYER	LINE PULL LB.	LINE SPEED FPM		
			HIGH FLOW	MEDIUM FLOW	LOW FLOW
9/16	1	20000	108	37	28
	2	16900	128	43	34
	3	14600	148	50	39
	4	12800	168	57	44
	5	11500	188	64	50
	6	10400	208	71	55

WIRE ROPE DIA. IN.	LAYER	LINE PULL LB.	LINE SPEED FPM		
			HIGH FLOW	MEDIUM FLOW	LOW FLOW
5/8	1	20000	109	37	28
	2	16600	131	45	34
	3	14200	154	52	40
	4	12400	176	60	46
	5	11000	198	67	52
	6	-	-	-	-

Model 20 Performance based on 20 GPM @ 2550 PSI (low flow), 25 GPM @ 2450 PSI (medium flow) and 60 GPM @ 2800 PSI (high flow)

NOTE: The rated line pulls are for the winch only. Consult the wire rope manufacturer for wire rope ratings.  
Flows listed are Maximum for each specific Motor listed.

Because of continued product improvement, we reserve the right to make changes without notice.

### CAUTION:

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

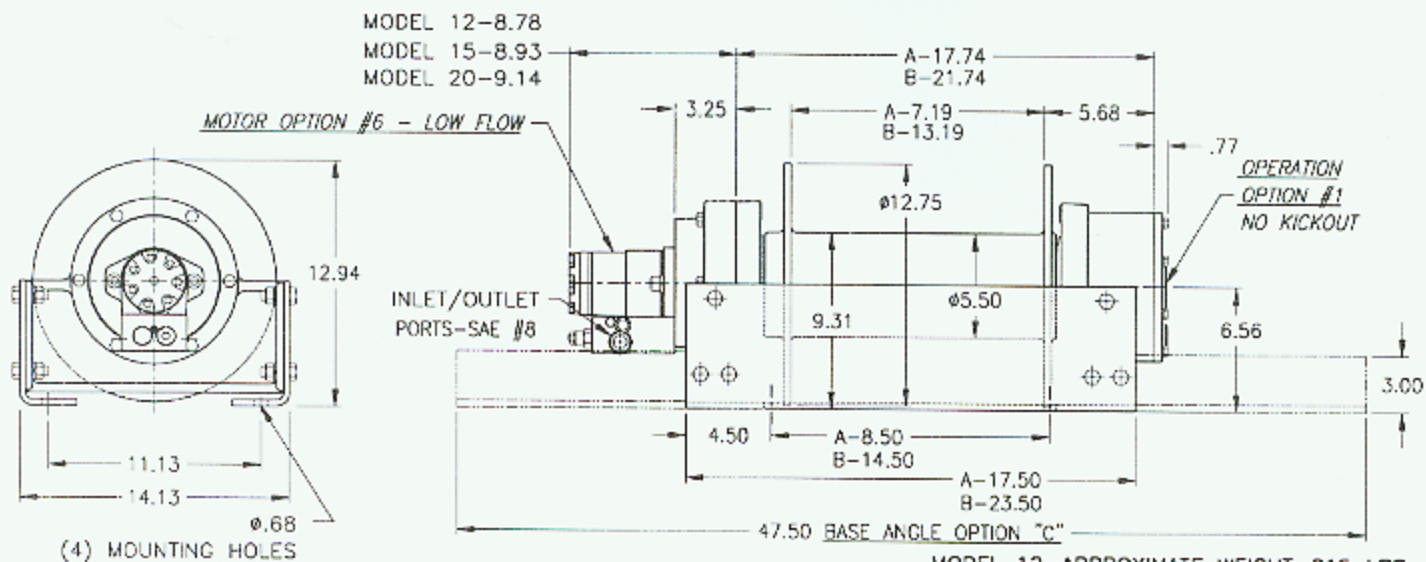
### WARNING:

Winches are not intended to be used for the lifting or moving of persons



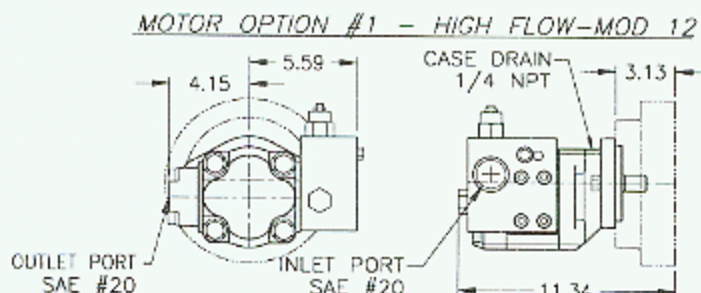
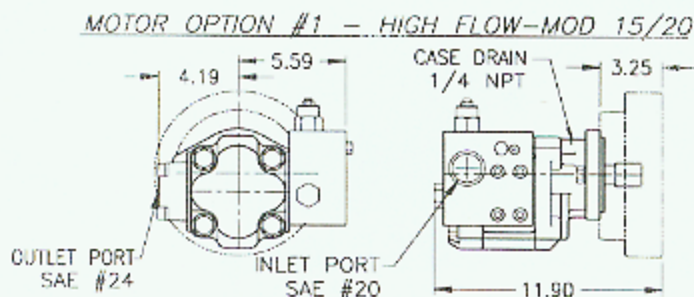
# Models 12-15-20

12,000-20,000 lbs.

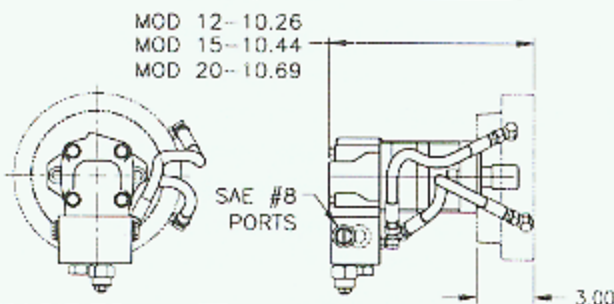


MODEL 12-APPROXIMATE WEIGHT-215 LBS.  
MODEL 15-APPROXIMATE WEIGHT-284 LBS.  
MODEL 20-APPROXIMATE WEIGHT-292 LBS.

## OPTIONAL FEATURES



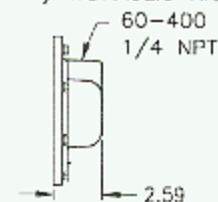
## MOTOR OPTION #2 - MEDIUM FLOW



## OPERATION OPTION #5 MANUAL KICKOUT

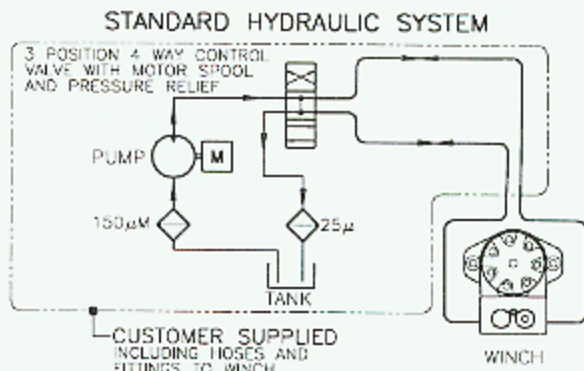


## OPERATION OPTION #4 AIR/HYDRAULIC KICKOUT



## DRUM CAPACITIES - FT

LAYER	7/16" WIRE ROPE		1/2" WIRE ROPE		9/16" WIRE ROPE		5/8" WIRE ROPE	
	A	B	A	B	A	B	A	B
1	23	42	20	37	18	34	17	30
2	49	91	44	81	40	73	37	67
3	79	145	72	131	65	119	60	110
4	112	206	102	186	93	171	87	159
5	149	273	137	249	125	230	117	214
6	189	346	173	317	*160	*294	-	-
7	232	426	*213	*392	-	-	-	-
8	*279	*511	-	-	-	-	-	-



Drum capacities are in accordance with SAE J706. Actual capacities are usually up to 10% greater than those shown.  
\*Lost layer capacity does not meet SAE J706.

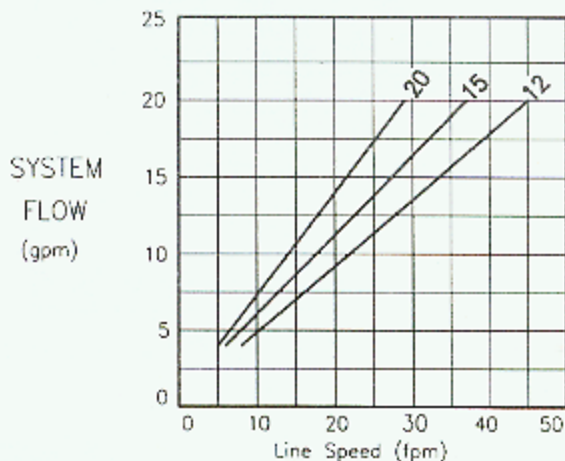
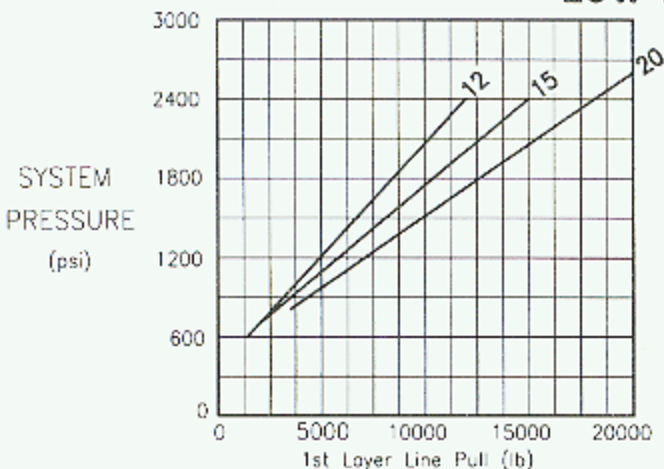


# Models 12-15-20

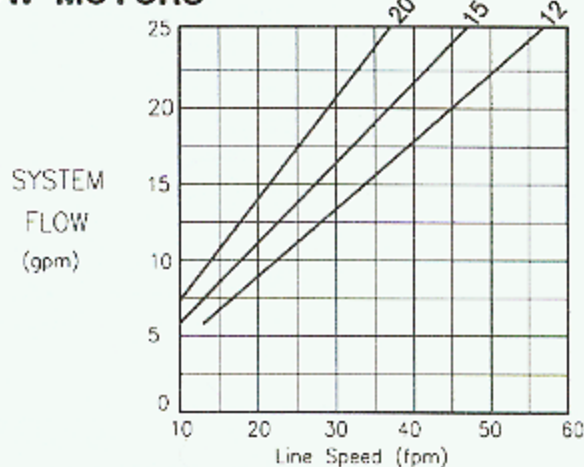
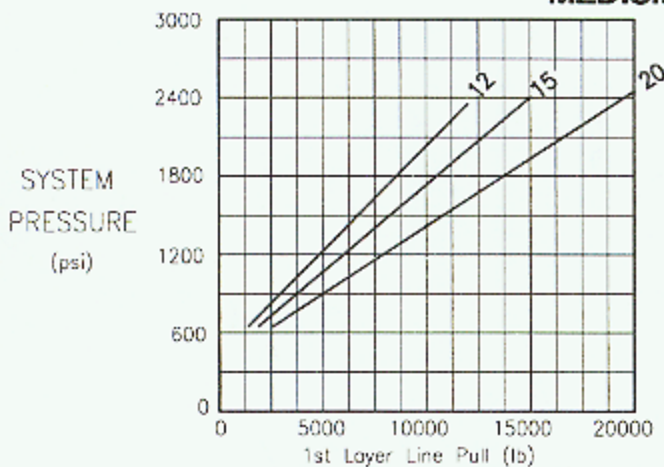
12,000-20,000 lbs.

## PERFORMANCE CHARTS

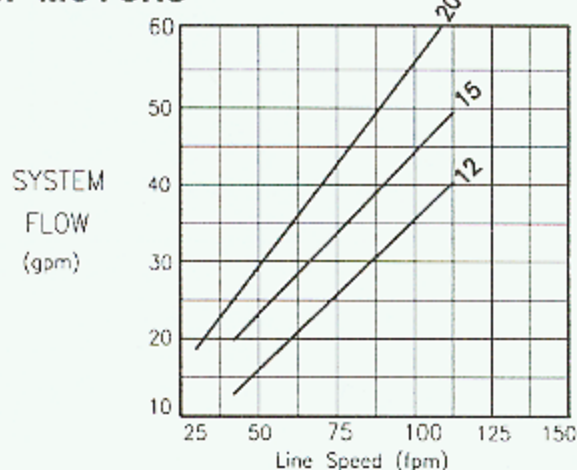
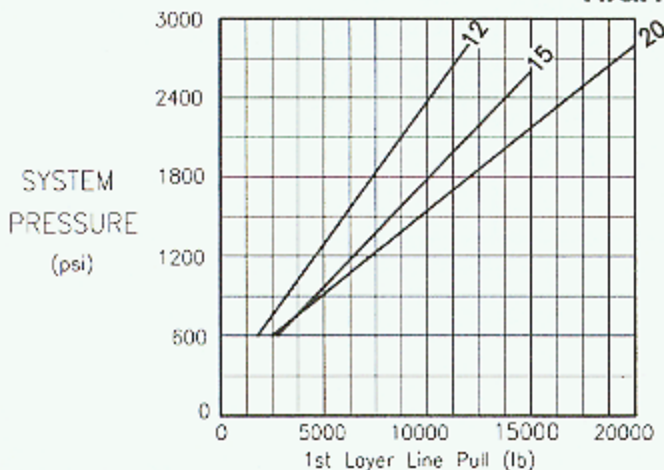
### LOW FLOW MOTORS



### MEDIUM FLOW MOTORS



### HIGH FLOW MOTORS



Distributor:



Pull Ahead!