

# BRADEN

HP50B-LP-104077/038-01

## Features and Benefits

- Easy access to lubrication points
- Negative draft jaw clutch for positive engagement
- Patented BRADEN brake valve for smooth and reliable load control
- Sealed, high-efficiency planetary reduction gearing for continuous-duty performance



Line Pull	Unit Weight
50000lbs	1020lbs
22679kg	462kg

## Performance

	Imperial	Metric
Ratio	104.000:1	
Motor Displacement	7.660 ci	125.6 cc
Pressure	2241 psi	155.0 bar
Winch Flow	60 gpm	227.2 lpm
Rope Diameter	0.8750 in	22.3 mm
Cable Capacity	27 in	8 mm

Layer	Line Pull (lbs)	Line Speed (fpm)	Line Pull (kg)	Line Speed (mpm)
1	50000	27	22680	9
2	40900	33	18552	11
3	34610	39	15699	12
4	29990	45	13603	14
5	26460	51	12002	16
6	23680	58	10741	18

The last legal layer per ANSI is 6  
D/d = 9:1

## Applications for MODEL HP50

- Oilfield

### Resources:

[Service - LIT2434](#)

[Material List - LIT2362](#)