

# Ramsey Worm Gear, Fast as a Planetary



## HD-P 10,000 High Speed Planetary



## HDG-350 Heavy Duty Worm Gear



- Rated Line pull 10,000 lbs
- Recommended cable 7/16"
- Available with a Blocked Clutch
- Motor spool (open center) directional control valve required
- Available with air shift
- Meets SAE J706

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### Features

- Spring applied, hydraulic released multi disc brake
- High efficiency planetary gear set
- Foot mount or mid mount
- Fairlead and cable tension optional
- Manual or air operated free spool
- 32 feet per minute linespeed

- Automatic, oil cooled disc brake
- High efficiency worm gear set
- Mid mounted
- Fairlead and cable tension optional
- Manual or air operated free spool
- 32 feet per minute linespeed

### Specifications

<b>Rated Line Pull</b>	10,000 lbs.....(4,530 kgs)
<b>Gear Reduction</b>	.....5.1:1
<b>Weight (without cable)</b>	HD-P 10,000-STD.....87 lbs. (39.5 kgs) HD-P 10,000 "Y".....82 lbs. (37.2 kgs)

<b>Rated Line Pull</b>	10,000 lbs.....(4,536 kgs)
<b>Gear Reduction</b>	.....30:1
<b>Weight</b>	HDG-350 .....110 lbs. (50 kgs)

LAYER OF CABLE		1	2	3	4
*RATED LINE PULL PER LAYER	Lbs. Kgs.	10,000 4,530	8,300 3,760	7,100 3,220	6,200 2,810
CABLE CAPACITY HD-P 10,000 (STD. DRUM)	Ft. M.	20 6	50 15	80 24	115 35
CABLE CAPACITY HD-P 10,000 ("Y" DRUM)	Ft. M.	15 4	30 9	55 16	75 22
LINE SPEED (at 15 GPM)	FPM (MPM)	32 (9.8)	38 (11.6)	44 (13.4)	51 (15.5)

LAYER OF CABLE		1	2	3	4**
*RATED LINE PULL PER LAYER	Lbs. Kgs.	10,000 4,536	8,100 3,670	6,900 3,120	4,800 2,180
*CABLE CAPACITY	Ft. M.	20 6	50 15	85 25	125 37
*LINE SPEED (at 15 GPM)	FPM (MPM)	32 (9.7)	38 (11.6)	44 (13.3)	54 (16.4)

\* These specifications are based on recommended wire rope of .44 inch dia. extra improved plow steel or equivalent.

\*\* Does not conform to SAE J706 specifications.

\* These specifications are based on recommended wire rope of 7/16" (11mm) galvanized aircraft cable or EIPS cable and a 24.9 cu in. /Rev. motor.