

# 13" Mechanical PTO

## Automotive Style Clutch

The W13-WG-100 is a rugged, heavy-duty power take-off assembly used in marine, industrial, construction, brush chipper, and irrigation applications. This PTO offers direct drive capabilities.

Feature laden and virtually maintenance free.

- The pilot bearing has been eliminated to reduce troublesome downtime from failure and prevent crank shaft loading from the PTO shaft.
- Main bearings are sealed for life and require no adjustment.
- Torionally dampened automotive style spring loaded clutch compensates for wear with a simple adjustment at the initial setup.
- Externally located ball stud and jam nut make adjustment easier.
- Angular contact throw-out bearing reduce heat build up during long idle time.
- Engagement force is 1/3 of the force required to engage an equivalent over center type PTO.

### DIMENSIONS inche (mm)

PART NUMBER	SAE BELL HOUSING	A	B	C +.000/-0.002 (+.000/-0.051)	D	E	F	G	H +.000/-0.001 (+.00/-0.03)	J	QTY J	K	QTY K	L	M
W13-WG-100	#3	17 3/4 (450.9)	16.88 (428.6)	16.125 (409.58)	14.13 (358.8)	2 9/16 (65.1)	9 9/64 (232.2)	2 59/64 (74.2)	1.750 (44.45)	13/32 (10.3)	12	3/8 (9.5)	8	21 (533.4)	15 27/64 (391.7)

### Torque Capacity

Max. HP (Kw) per 100 RPM = 9 (6)

$$\frac{\text{HP} \times 100}{\text{RPM}} = \text{HP}/100 \text{ RPM}$$

$$\frac{\text{Kw} \times 100}{\text{RPM}} = \text{Kw}/100 \text{ RPM}$$

### Maximum Side Load Capability - lb (Kg)

rpm	"X" Distance in (mm)		
	1 (25.4)	2 (50.8)	3 (76.2)
1000	1971 (894)	1701 (772)	1496 (679)
2000	1565 (710)	1350 (612)	1187 (538)
3000	1367 (620)	1179 (535)	1037 (470)

