



06 1000/2000MM

DESCRIPTION: Fully mechanical central control gear coupling
L X W X H: 200 X 100 X 100 mm **Wt: 10 kg**

NOMINAL RATIO	EXACT RATIO	OUTPUT (HP)
1:1	100:1	0.001
2:1	200:1	0.001
3:1	300:1	0.001

FORMS/Options: TORQUE FROM TORQUE CUMPLE



16A 2000/2000MM

DESCRIPTION: Fully mechanical central control gear coupling
L X W X H: 400 X 200 X 100 mm **Wt: 20 kg**

NOMINAL RATIO	EXACT RATIO	OUTPUT (HP)
1:1	200:1	0.001
2:1	400:1	0.001
3:1	600:1	0.001
4:1	800:1	0.001
5:1	1000:1	0.001

FORMS/Options: TORQUE FROM TORQUE CUMPLE



MA100 2000/2000MM

DESCRIPTION: Compact design, full-scale central PTG unit control
Wt: 10.000kg (22 LBS) **FLANGE: 10", 11"**
L X W X H: 275 X 400 X 100 mm **Wt: 10 kg**

NOMINAL RATIO	EXACT RATIO	OUTPUT (HP)
1:1	1:1	0.001
2:1	2:1	0.001
3:1	3:1	0.001
4:1	4:1	0.001
5:1	5:1	0.001
6:1	6:1	0.001
8:1	8:1	0.001

FORMS/Options: 25.00 TORQUE TORQUE CUMPLE
FLANGE (10")



MA125 27.000/2000MM

DESCRIPTION: Compact design, full-scale central PTG unit control
Wt: 10.000kg (22 LBS) **FLANGE: 10", 11"**
L X W X H: 280 X 400 X 100 mm **Wt: 10 kg**

NOMINAL RATIO	EXACT RATIO	OUTPUT (HP)
1:1	100:1	0.001
2:1	200:1	0.001
3:1	300:1	0.001
4:1	400:1	0.001
5:1	500:1	0.001
6:1	600:1	0.001
8:1	800:1	0.001

FORMS/Options: 10.00 TORQUE TORQUE CUMPLE
FLANGE (10")



MA142 100W/1000RPM

CHARACTER: Compact design, features control, 100-watt optional
BALL BEARING: SEE 1 & 2 PLUGS: 1/2", 1/4"
L X W X H: 300 X 200 X 100 mm NET WT: 2000 g

NORMAL RATIO	EXACT RATIO	OUTPUT RPM
2:1	1:50:1	2000
10:1	1:10:1	1000
20:1	1:5:1	500
30:1	1:3.3:1	333
40:1	1:2.5:1	250
50:1	1:2:1	200
60:1	1:1.6:1	166
80:1	1:1.2:1	125

POWER SOURCE: CURRENT MODEL KIT ONLY
KIT INCLUDES: FORD ENGINE, FORD GEAR



40A 100W/1000RPM

CHARACTER: Features control, most complete kit
BALL BEARING: SEE 1 & 2 PLUGS: 1/2", 1/4"
L X W X H: 300 X 200 X 100 mm NET WT: 2000 g

NORMAL RATIO	EXACT RATIO	OUTPUT RPM
2:1	1:50:1	2000
2:1	1:50:1	2000

POWER SOURCE: FORD ENGINE, FORD GEAR



MB170 100W/1000RPM

CHARACTER: Features control, easy assembly in a shell & 1 motor
optional on optional motor and PCB unit optional
BALL BEARING: SEE 1 & 2 PLUGS: 1/2", 1/4", 1/8"
L X W X H: 300 X 200 X 100 mm NET WT: 2000 g

NORMAL RATIO	EXACT RATIO	OUTPUT RPM
2:1	1:50:1	2000
4:1	1:25:1	1000
10:1	1:10:1	500
20:1	1:5:1	250
30:1	1:3.3:1	166
40:1	1:2.5:1	125
50:1	1:2:1	100
60:1	1:1.6:1	80
80:1	1:1.2:1	60
100:1	1:1:1	50

POWER SOURCE: CURRENT MODEL KIT ONLY
KIT INCLUDES: FORD ENGINE, FORD GEAR



120C 100W/1000RPM

CHARACTER: Features control, compact design
BALL BEARING: SEE 1 & 2 PLUGS: 1/2", 1/4"
L X W X H: 300 X 200 X 100 mm NET WT: 2000 g

NORMAL RATIO	EXACT RATIO	OUTPUT RPM
2:1	1:50:1	2000
10:1	1:10:1	1000
20:1	1:5:1	500
30:1	1:3.3:1	333
40:1	1:2.5:1	250
50:1	1:2:1	200

POWER SOURCE: CURRENT MODEL KIT ONLY
KIT INCLUDES: FORD ENGINE, FORD GEAR



MB242 500W/3000RPM

CHARACTER: Design approved by SA, mounting dimension identical to MB240

BELL HOUSING: 542 11 **FLANGE:** 117
 L 174 1/2 H 110 500 W 110 1/2 H 100 500 100 1/2 W 110

NOMINAL RATIO	EXACT RATIO	OUTPUT (W)
2.5 : 1	2.500 : 1	0.150
3 : 1	3.000 : 1	0.150
3.5 : 1	3.500 : 1	0.150
4 : 1	4.000 : 1	0.150
4.5 : 1	4.500 : 1	0.150
5 : 1	5.000 : 1	0.150
5.5 : 1	5.500 : 1	0.150
6 : 1	6.000 : 1	0.150

POWER ENDS: CAT 100W 1000V 50/60HZ
 MANUFACTURED IN GERMANY



135A 500W/3000RPM

CHARACTER: Design approved by SA, very compact in design at least 50% of size, a cooling surface with square shape at both ends supplied as special order

BELL HOUSING: 542 11 **FLANGE:** 117
 L 174 1/2 H 110 500 W 110 1/2 H 100 500 100 1/2 W 110

NOMINAL RATIO	EXACT RATIO	OUTPUT (W)
3 : 1	3.000 : 1	0.150
3.5 : 1	3.500 : 1	0.150
4 : 1	4.000 : 1	0.150
4.5 : 1	4.500 : 1	0.150
5 : 1	5.000 : 1	0.150
5.5 : 1	5.500 : 1	0.150
6 : 1	6.000 : 1	0.150

POWER ENDS: CAT100W 1000V 50/60HZ
 CAT 100W 1000V, CAT100W 50/60HZ
 FLANGE 117-117



MB270A 500W/3000RPM

CHARACTER: Design approved by SA, mounting dimension identical to MB240, PFD and in special order

BELL HOUSING: 542 11 **FLANGE:** 117 1/2
 L 174 1/2 H 110 500 W 110 1/2 H 100 500 100 1/2 W 110

NOMINAL RATIO	EXACT RATIO	OUTPUT (W)
3 : 1	3.000 : 1	0.150
3.5 : 1	3.500 : 1	0.150
4 : 1	4.000 : 1	0.150
4.5 : 1	4.500 : 1	0.150
5 : 1	5.000 : 1	0.150
5.5 : 1	5.500 : 1	0.150
6 : 1	6.000 : 1	0.150

POWER ENDS: CAT100W 1000V 50/60HZ
 CAT 100W 1000V, CAT 100W 50/60HZ
 CAT 100W 1000V, CAT100W 50/60HZ

300/D300A 300/3000 RPM

**DESCRIPTION:**

Design approved by US, with valve assembly (PFA) and optional steel structure not to standard. Supply of parts by Helixplus and/or Helixplus Collins (UK) and (USA) needed as specified.

BELL HOUSING (M.F. 1)		FLANGE (M.F. 1)	
L 1/4" (1.9)			
Wt	750.000 (1650.00) lbs		750.00
Code	750.000 (1650.00)		750.00

	NOMINAL RATIO	EXACT RATIO	WATERFLOW
500	2:1	2.00:1	0.00
	2.5:1	2.50:1	0.70
	3:1	3.00:1	0.90
	4.5:1	4.50:1	1.20
	6:1	6.00:1	1.50
600	2:1	2.00:1	0.00
	2.5:1	2.50:1	0.60
	3:1	3.00:1	0.70
	3.5:1	3.50:1	0.80
	4:1	4.00:1	0.90
	4.5:1	4.50:1	0.90
	5:1	5.00:1	0.90
	6:1	6.00:1	0.90
	6.5:1	6.50:1	0.90

FLANGE FINISH: STAINLESS STEEL, OR ALUMINUM, BRASS OR 316L TITANIUM. SPECIAL FINISHES UPON REQUEST.

750 750/1500 RPM

**DESCRIPTION:**

Design approved by US, with valve assembly (optional), 21 gears, two 2 speeds, 14, 160 RPM, 100 RPM and 1500 RPM.

L 1/4" (1.9)	510.000 (1125.00) lbs	510.000 (1125.00)
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	NOMINAL RATIO	EXACT RATIO	WATERFLOW
1500	2:1	2.00:1	0.00
	2.5:1	2.50:1	0.70
	3:1	3.00:1	0.70
	4:1	4.00:1	0.70

FLANGE FINISH: STAINLESS STEEL OR ALUMINUM, BRASS OR 316L TITANIUM. SPECIAL FINISHES UPON REQUEST.

MB4501 1500/1500 RPM

**DESCRIPTION:**

Design approved by US, with valve assembly (optional) and

BELL HOUSING (M.F. 1)		FLANGE (M.F. 1)	
L 1/4" (1.9)			
Wt	450.000 (990.00) lbs		450.000 (990.00)

	NOMINAL RATIO	EXACT RATIO	WATERFLOW
1500	2:1	2.00:1	0.00
	3:1	3.00:1	0.00
3000	2:1	2.00:1	0.00
	3:1	3.00:1	0.00
6000	2:1	2.00:1	0.00
	3:1	3.00:1	0.00

FLANGE FINISH: STAINLESS STEEL OR ALUMINUM, BRASS OR 316L TITANIUM. SPECIAL FINISHES UPON REQUEST.

T300 750HP/2305RPM

CHARACTERISTICS: Hydraulic control, High ratio; Rubber track drive;
Identical performance and ratios for forward or
reverse. Convenience for twin-engine fitting.

BELL HOUSING: SAE S-1	FLANGE-14", 16", 18"	
L x W x H: 812 x 870 x 1320mm	N.W. 1200 kg	
NOMINAL RATIO	EXACT RATIO	RATE(HY/HPM)
6:1	6.032:1	0.33
6.5:1	6.048:1	0.33
7:1	7.038:1	0.33
7.5:1	7.543:1	0.33

POWMD ENGINE: CLIMBING: Y12-500M, 5H900M, NT090M
GATEPILLAR: D043, D040, D003, 0412, 0408
KELVIN: T009, T005, T04, T05, T050;
VOLVO: TAMD-120A
MITSUBISHI: S0E10MT, S0E10MTK



MB320 1100HP/2105RPM

CHARACTERISTICS: Compact in construction, light in weight, Small in dimension
Hydraulic control; Identical performance and ratios for both
forward and reverse motions.

BELL HOUSING: SAE: 00, S, 1, 1	FLANGE-14", 16", 18"	
L x W x H: 1108 x 1100 x 1595mm	N.W. 1600 kg	
NOMINAL RATIO	EXACT RATIO	RATE(HY/HPM)
2:1	2:1	0.55
2.5:1	2.52:1	0.55
3:1	3.08:1	0.55
3.5:1	3.4:1	0.50
4:1	3.8:1	0.48

POWMD ENGINE: ALVEM: 652TC00M, 656TC00M, 652TC00M
MAN: T0023A/12, T0023A/26, T0023A/30
SEA KING (DORRAN, U.K.): 5EA KING6, 5EA KING8
CHONGQING-CLIMBING: KT08-M, KT200-M, KT200-M



750B 750HP/1005RPM

CHARACTERISTICS: Hydro and electro-magnetic control, oil pump has 3 options,
1 x 500 RPM, 750 RPM and 1000 RPM

L x W x H: 1348 x 1120 x 1210mm	N.W. 1600 kg	
NOMINAL RATIO	EXACT RATIO	RATE(HY/HPM)
1.5:1	1.49:1	0.75
2:1	1.97:1	0.75
2.5:1	2.49:1	0.75
3:1	2.92:1	0.75

POWMD ENGINE: MAN S1202T, WARTSILA 4P02, YANMAR
S105A-ET, SKLHYD09004-1



300/D300A 875HP/2500RPM

CH-FACTORY: Input direction can be altered by turning oil pump by 180 degrees

DELL HOUSING: SAE 3.1

FLANGE: 14", 16", 18"

L x W x H:

N/A

	300	310 + 350 + 300mm	700 kg
	D300A	310 + 350 + 320mm	940 kg
	NOMINAL RATIO	EXACT RATIO	RATE(H-PRPM)
300	2:1	2.84:1	0.28
	2.5:1	2.84:1	0.28
	3:1	3.0:1	0.30
	3.5:1	3.53:1	0.35
	4:1	4.70:1	0.28
D300A	4:1	4.00:1	0.38
	4.5:1	4.45:1	0.33
	5:1	5.05:1	0.30
	5.5:1	5.52:1	0.28
	6:1	5.90:1	0.28
	6.5:1	6.58:1	0.28
	7:1	7.00:1	0.28
	7.5:1	7.50:1	0.17

ROUND ENGINE: CLIMBING YD25-M; DAF D412TA; GARFONCI

SAVI; DETROIT 12V92TA; SAUDOUH 12P15.25

DAIHATSU M55

