

D*36 SERIES

SPECIFICATIONS

Input Torque: 1,250 ft-lb (max)

Horsepower: 595 (max)

Maximum Speed: See Ratio Chart

Approximate Weight: 242 lbs (gearbox only)

Oil Capacity Approximately 4.5 qts
(may vary due to output orientation and gear ratio)

(Ratings Based on 1:1 Ratio, 2500 rpm and 2000 hrs B10 Life)

Specifications are subject to change without notice.

FEATURES

- **Dipstick Included for Maintaining Proper Fluid Level**
- **Rotation Opposite Input**
- **Internal Passive Lubrication System for Increased Life of Input & Pump Shaft Spline**
- **All Threaded Fittings have O-ring Seals**
- **Full Fillet Gears for Optimum Strength**
- **One Piece Drive Plate Hub and Input Shaft Eliminates Dry Spline**

AVAILABLE OPTIONS

CLUTCH HOUSING DIMENSIONS REF SAE J620 AND SAE J617								
SAE NO.	A	B	C	D	H	DD	P	J
3 (C111)	16.125	17.75	16.87	7/16	8	5.75	1/2	10.62
3 (P211)	16.125	17.75	16.87	7/16	12	10.50	1/2	15.37
2 (C110)	17.625	19.25	18.37	7/16	12	5.75	1/2	10.62
2 (C111)	17.625	19.25	18.37	7/16	12	5.75	1/2	10.62

AVAILABLE GEAR RATIOS OUTPUT ROTATION OPPOSITE INPUT		
GEAR RATIO U-SPEED INCREASING D-SPEED DECREASING	MAX. INPUT SPEED (RPM)	
	U	D
1.1E	3000	3000
1.05 UD	2850	3000
1.10 UD	2700	3000
1.27 UD	2350	3000
1.40 UD	2150	3000
1.54 UD	1950	3000

DRIVE PLATE DIMENSIONS REF SAE J620					
NOMINAL DRIVE PLATE DIA.	BB	E	F	G	CC
8	10.375	7/16	6	2.44	9.62
10	12.375	7/16	8	2.12	11.62
11 1/2	13.875	7/16	8	1.56	13.12
14	18.375	9/16	8	1.00	17.25

PUMP FLANGE DIMENSIONS REF SAE J744						30 DEG. INVOLUTE SPLINE	
SAE SIZE	NO. BOLTS (V)	PILOT DIA. (W)	BOLT SIZE (X)	B.C. DIA. (Y)	HOLE DEPT (EE)	NO TEETH	PITCH
A	2	3.250	3/8-16	4.18	.62	9	16/32
B	2	4.000	1/2-13	5.75	.56	13	16/32
B	4	4.000	1/2-13	5.00	1.00	13	16/32
BB	2	4.000	1/2-13	5.75	.56	15	16/32
BB	4	4.000	1/2-13	5.00	1.00	15	16/32
C	2	5.000	5/8-11	7.12	.75	14	12/24
C	4	5.000	1/2-13	6.37	.75	14	12/24
CC	2	5.000	5/8-11	7.12	.75	17	12/24
CC	4	5.000	1/2-13	6.37	.75	17	12/24
D	4	6.000	3/4-10	9.00	STUD	13	8/16

ENGINE ADAPTER DIMENSIONS REF SAE J617									
SAE NO.	A	B	C	D	H	J	P	DD	GG
5	12.375	14.00	13.12	7/16	8	7.50	1/2	2.62	1.75
4	14.250	15.88	15.00	7/16	12	7.50	1/2	2.62	1.75
3	16.125	17.75	16.87	7/16	12	7.50	1/2	2.62	1.75
2	17.625	19.25	18.37	7/16	12	7.50	1/2	2.62	1.75
1	20.125	21.75	20.87	1/2	12	7.50	1/2	2.62	1.75

CLUTCH INSTALLATION DATA													
SAE HSG SIZE	CLUTCH MODEL	MAX CLUTCH SPEED (RPM)	WORKING TORQUE (LB-FT)	BB	CC			G		S	T	U	TORQUE (LB-IN) ON OPERATING SHAFT REQ'D TO ENGAGE CLUTCH
3	C111	2325	387	13.875	13.12			1.56		15.38	3	2 5/8	1270
2 or 3	P111	2850	455	13.875	13.12			1.56		15.38	3	3 3/16	1540
2 or 3	P211	2850	910	13.875	13.12			1.56		15.38	3 3/4	4 3/16	1930