OCEAN FLEETS L.I.C. FOR CRANKSHAFTS (1)

dp(Diam. Of Crankpin)	304.8
dj(Diam.Of Journal)	330.2
S(Stroke)	533.4
r(Rad.Of Re-Entrant Fillet)	19.05
u=(dp+dj-S)	101.6
K1=.8+u/3dp+.243dp/r^2=	1.8831111111
RPM=Ro=	450
TYPE	4 Stroke
NO.OF CYLS.	8
U.T.S.=100.777 KIPS.in Kgf/mm2 =	70.8520865443
L =Length between bearings	460.4
Lp= Length of Crankpin	177.8
M=value of depth of recess of fillet	17.4625
b=Breadth Of Web	533.4
t=thickness	114.3
P=Pressure in Kgf/cm2(1680 psi)	118.11376146
P1=Pressure in Kgf/cm2(1800 psi)	126.55045871
C=	5.2
A=	.37
n=1/2 No.of Cyls.	4
E=Efficiency=	.88
RonE/5730CK1	.028230675223
Z=(from tables)	1
d^3Z(u+16)/7000	351339.601638
u/dp=	.333333333334
Mr/dp^2	.00358072918887
Q=from graph	1.215
b/dp=	1.75
F=from graph	1.15
t/dp	.375
G=from graph	1.435
K2=QFG(dp/r)^1/2	8.020215
Bore=D=	431.8
AK2P(L-Lp)D^2/100000	184682.46743
Ho=nERo/5730CK1(d^3Z(U.T.S.+')/7000)-AK2P(L-Lp)D^2/100000	
Ho(in metric H.P.) =	4704.84342942
1 metric H.P.=0.735KW	.735
Ho in KW =	3458.05992062
1 Metric H.P. =0.9853 British H.P.	.9853
Ho in British H.P.	4635.682231

OCEAN FLEETS L R FOR CRANKSHAFTS (2)

dp(Diam. Of Crankpin)	304.8
dj(Diam.Of Journal)	330.2
S(Stroke)	533.4
r(Rad.Of Re-Entrant Fillet)	19.05
u=(dp+dj-S)	101.6
K1=.8+u/3dp+.243dp/r^2=	1.8831111111
RPM=Ro=	450
TYPE	4 Stroke
NO.OF CYLS.	8
U.T.S.=100.777 KIPS.in Kgf/mm2 =	70.8520865443
L =Length between bearings	460.4
Lp= Length of Crankpin	177.8
M=value of depth of recess of fillet	17.4625
b=Breadth Of Web	533.4
t=thickness	114.3
P=Pressure in Kgf/cm2(1680 psi)	118.11376146
P1=Pressure in Kgf/cm2(1800 psi)	126.55045871
C=	5.2
A=	.37
n=1/2 No.of Cyls.	4
E=Efficiency=	.88
RonE/5730CK1	.028230675223
Z=(from tables)	1
d^3Z(u+16)/7000	351339.601638
u/dp=	.333333333334
Mr/dp^2	.00358072918887
Q=from graph	1.215
b/dp=	1.75
F=from graph	1.15
t/dp	.375
G=from graph	1.435
K2=QFG(dp/r)^1/2	8.020215
Bore=D=	431.8
AK2P1(L-Lp)D^2/100000	197874.07225
Ho=nERo/5730CK1(d^3Z(U.T.S.+16)/7000)-AK2P(L-Lp)D^2/100000	
Ho(in metric H.P.) =	4332.43551807
1 metric H.P.=0.735KW	.735
Ho in KW =	3184.34010578
1 Metric H.P. =0.9853 British H.P.	.9853
Ho in British H.P.	4268.74871595

C-37-3