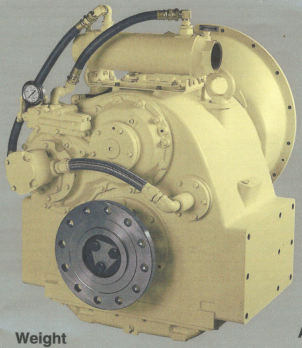
BULLETIN TB-14-E2
Printed in NOV., 2000

TONANCO

Marine Gear

MODEL TM 989S



Reduction Ratios (:1)
2.00
2.46
3.00
3.48
3.96

05. 05. 2006

Weight (Approx.) 1120Kgs (2469.2 lbs)

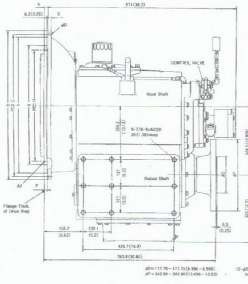
Accessories
Output Companion Flange
Heat Exchanger & Hoses

DELFİN DENİZCİLİK SAN. ve TİC. LTD. ŞTİ.

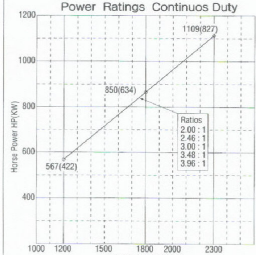
TONAN CORPORATION
JAPAN

MODEL TM 989S INSTALLATION DRAWINGS RH(LH)

Dimensions in mm (inches in brackets)



Power Ratings Continuos Duty



Principal Dimensions

ITEMS / INDEX	SAE J617C	FLYWHEELS HSG. SAE No. 0	FLYWHEELS HSG. SAE No. 1
A	647.7 (25.500)	$^{0}_{-.127}$ ($^{0}_{-.005}$)	511.18 (20.125)
B	711.2 (28.00)		552.4 (21.75)
PCD C	679.45 (26.75)		530.22 (20.875)
D-φ	16-φ13.5 (16-φ17/32)		12-φ17 (12-φ15/32)
ITEMS / INDEX	SAE J6200 FLYWHEELS CLUTCH # 18	CLUTCH # 14	FLYWHEELS CLUTCH # 14
G $^{0}_{-.110}$ ($^{0}_{-.004}$)	571.50 (22.50)	466.72 (18.375)	466.72 (18.375)
PCD H	542.92 (21.375)	438.15 (17.25)	438.15 (17.25)
J-φ	6-φ16.7 (φ21/32)	8-φ13.5 (φ17/32)	8-φ13.5 (φ17/32)
K	15.7 (0.62)	25.4 (1.00)	25.4 (1.00)

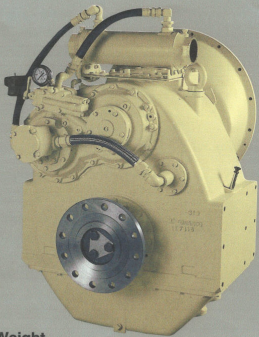
DELFİN DENİZCİLİK
SAN. ve TİC. LTD. ŞTİ.

BULLETIN TB-15-E5
Printed in NOV., 2000

TONANCO

Marine Gear

MODEL TM 989D



Reduction Ratios
(:1)
4.50
5.07
6.13
7.10
7.53

05. 05. 2008

Weight
(Approx.)
1300Kgs
(2866.0 lbs)

Accessories

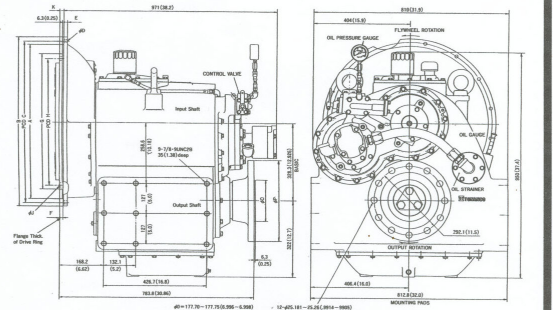
Output Companion Flange
Heat Exchanger & Hoses

DELFİN DENİZCİLİK
SAN. ve TİC. LTD. ŞTİ.

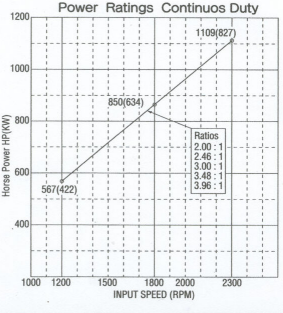
TONAN CORPORATION
JAPAN

MODEL TM 989S INSTALLATION DRAWINGS RH(LH)

Dimensions in mm (inches in brackets)



Power Ratings Continuos Duty



Principal Dimensions

ITEMS / INDEX	SAE J617C	FLYWHEELS HSG. SAE No. 0	FLYWHEELS HSG. SAE No. 1
A	647.7 (25.500)	0 −.127 (0 −.005)	511.18 (20.125)
B	711.2 (28.00)		552.4 (21.75)
PCD C	679.45 (26.75)		530.22 (20.875)
Dφ	16-φ13.5 (16-φ17/32)		12-φ12 (12-φ15/32)
ITEMS / INDEX	SAE J620D FLYWHEELS CLUTCH # 18	SAE J620D FLYWHEELS CLUTCH # 14	FLYWHEELS CLUTCH # 14
G 0 −.110 0 −.004	571.50 (22.50)	466.72 (18.375)	466.72 (18.375)
PCD H	542.92 (21.375)	438.15 (17.25)	438.15 (17.25)
Jφ	6-φ16.7 (φ21/32)	8-φ13.5 (φ17/32)	8-φ13.5 (φ17/32)
K	15.7 (0.62)	25.4 (1.00)	25.4 (1.00)