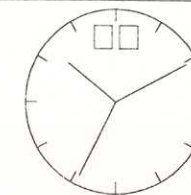


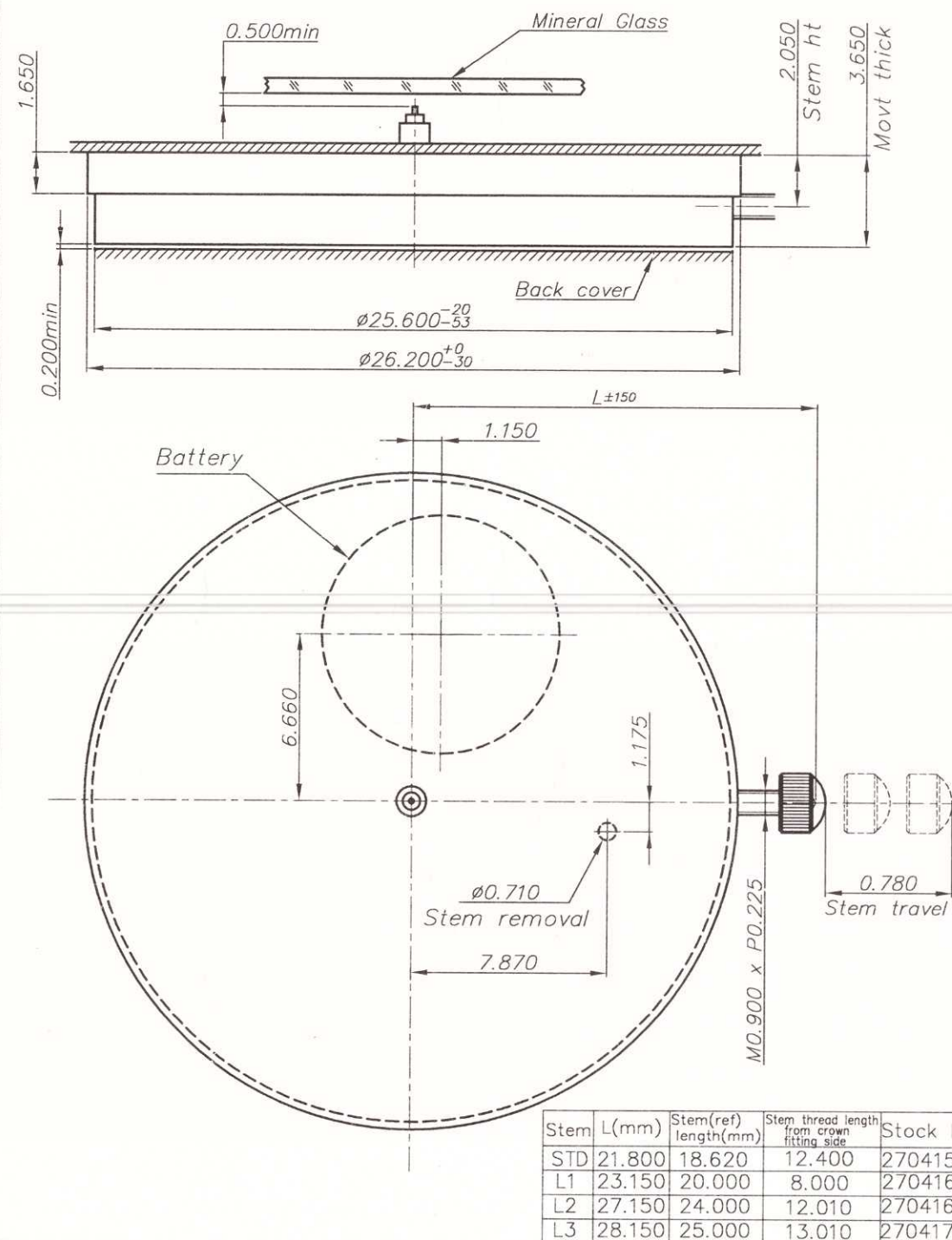


WATCH DIVISION

TECHNICAL DATA FOR CAL. T7277 (BIG DATE WITH AUTO CORRECTION)

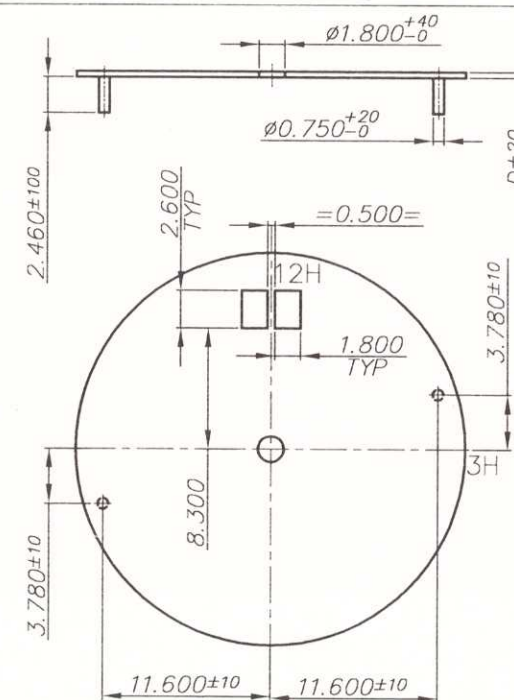


Casing dimensions

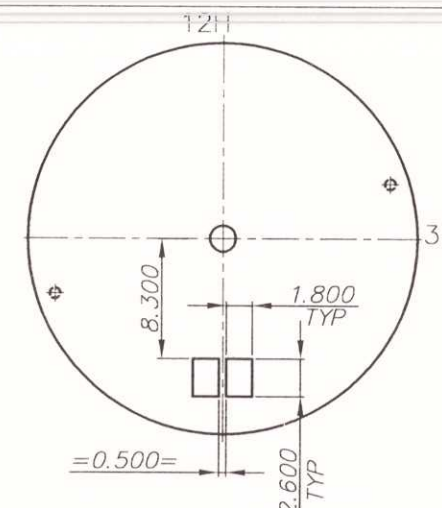


Stem	L(mm)	Stem(ref) length(mm)	Stem thread length from crown fitting side	Stock No
STD	21.800	18.620	12.400	2704153
L1	23.150	20.000	8.000	2704161
L2	27.150	24.000	12.010	2704162
L3	28.150	25.000	13.010	2704173

Dial details



NOTE* Stem ht in case design to be followed according to the dial thickness

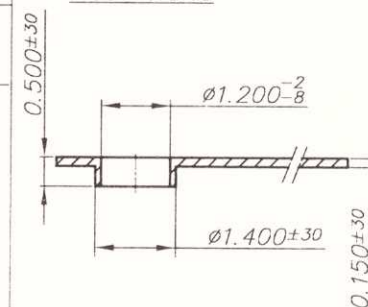
TYPE A
TYPE B

* Refer TYPE A for more details

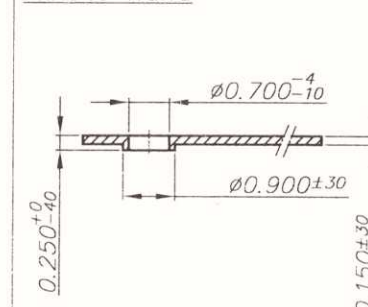
NOTE: Hour hand to be fixed 50 microns above the pipe height.

Hand details

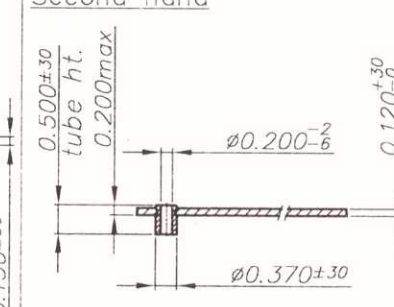
Hour hand



Minute hand

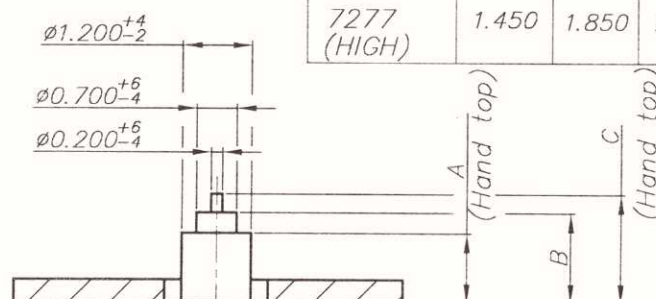


Second hand



Hand fitting dimensions

Calibre	A	B	C	D
7277 (STD)	0.800	1.150	1.470	0.400
7277 (HIGH)	1.450	1.850	2.170	0.800-1.00



Movement size	11 1/2" (25.60 mm)
Functions	Three hands + Big date
Thickness	3.65 mm
Stem height	2.05 mm
No. of jewels	1
Type of IC	C-MOS-LSI
Quartz frequency	32,768 Hz
Accuracy	±20 sec/month
Pulse rate	1 pulse per Second.
Coil resistance	2.90 k Ω
Current consumption	1.40 μ A(typ) - 1.90 μ A(max)
Torque at Second hand	3.5 μ Nm(min) - 6.0 μ Nm(typ)

Effective temperature range	0 to +55°C
Shock resistance	As per NIHS 91/10
Resistance to magnetic field	As per NIHS 90/10

POWER CELL	Type	SR920SW
	Size	9.5 x 2.1 mm
	Voltage	1.55 V
	Capacity	39 mAh
	Life (theoretical)	38 months
Battery clamping	Positive	

HANDS	DESCRIPTION	MINUTE HAND	SECOND HAND
	Imbalance mg.mm	60	15
	Inertia mg.mm ²	500	250
	Weight mg (max).	12	7
	Length mm (max)	Brass 13 Dural 18	15 20

Notes :
1) All dimensions are in mm.
2) Tolerances in μ m.
3) Quick setting is provided for the date.

Index	Alterations	Date	Sign
d	High version added & hand details added (Length & Wt)	22.03.14	Remmth
c	Hour hand fixing details added	31.03.11	Remmth
b	Long stem details added	12.03.11	Remmth

Name	Prepared	Checked	Approved
Date	22/03/14	s.e.jones	22/3/14

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T-2655 d)

Sheet 01 of 01

K: \Drawings\Tech data\TIL\T7277 (BDWAC).dwg

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