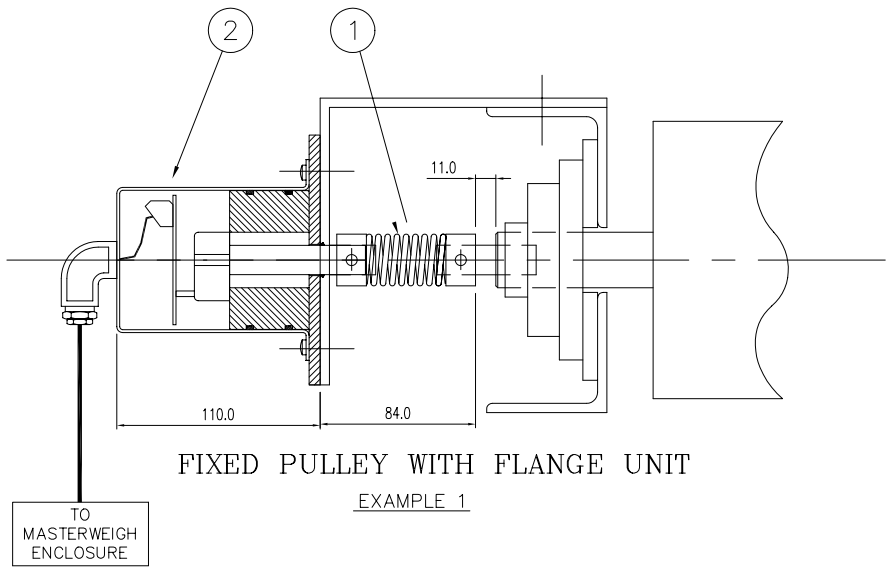
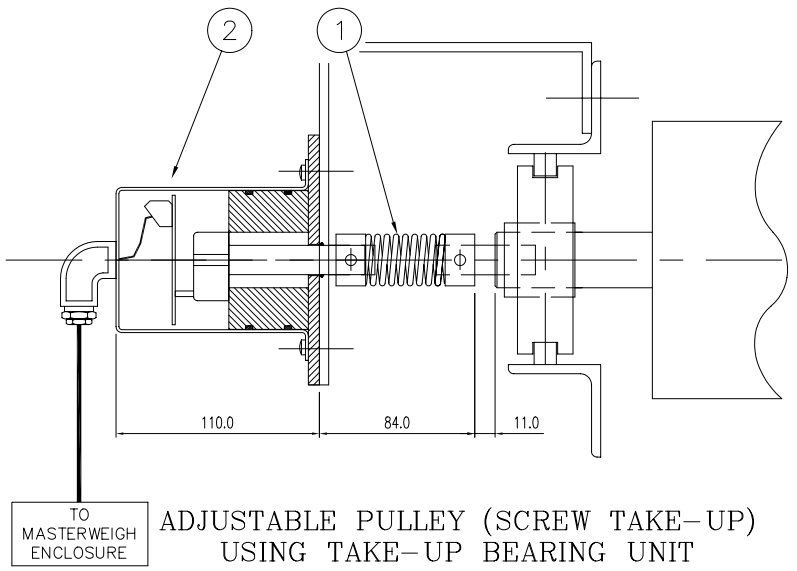


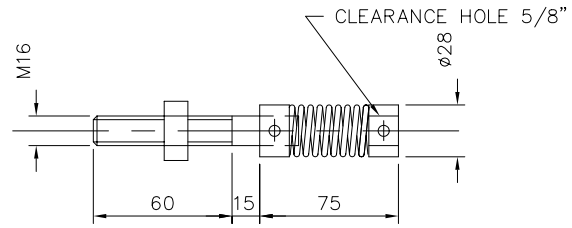
FIXED PULLEY WITH FLANGE UNIT

EXAMPLE 1

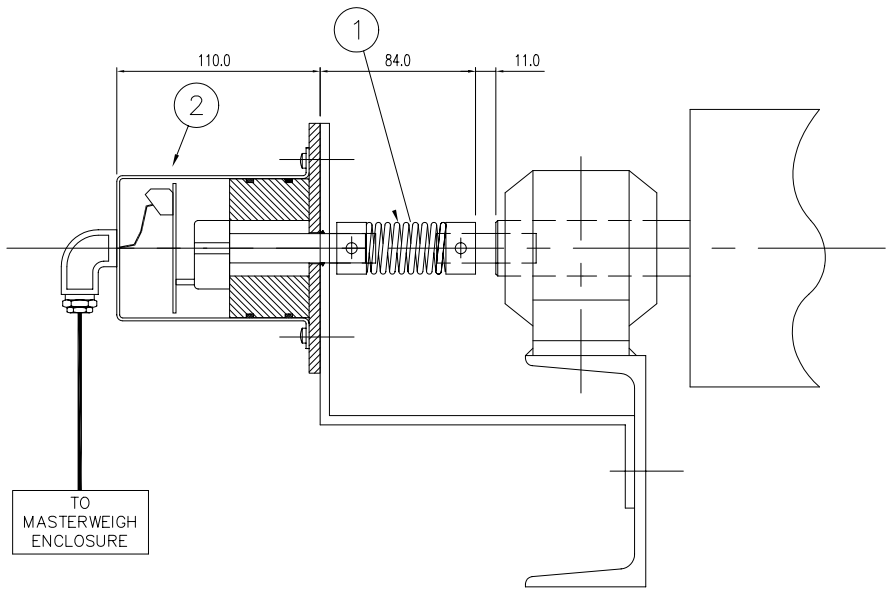


ADJUSTABLE PULLEY (SCREW TAKE–UP)
USING TAKE–UP BEARING UNIT

EXAMPLE 3

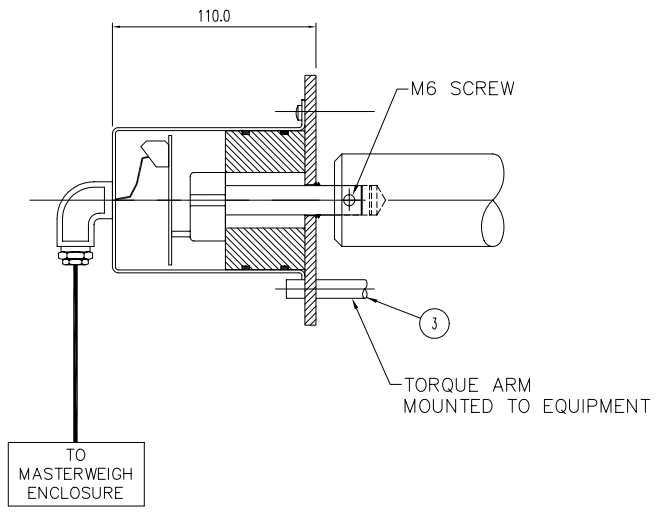


TYPICAL SHAFT EXTENSION
WITH SPRING COUPLING



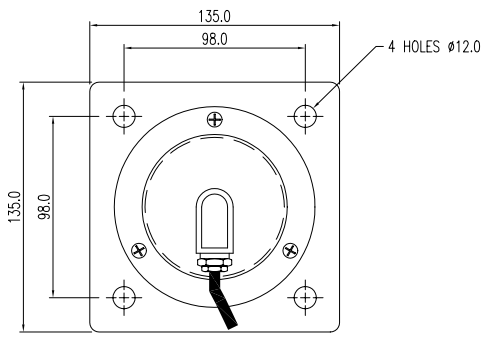
FIXED PULLEY WITH PLUMMER BLOCK MOUNTING

EXAMPLE 2



ROTARY SHAFT ENCODER ASSEMBLY
MOUNTED DIRECTLY TO PULLEY

EXAMPLE 4



END ELEVATION

NOTES :

1. THIS DRAWING SHOWS TYPICAL EXAMPLES ONLY
2. IT IS RECOMMENDED THAT THE ROTARY SHAFT ENCODER (TACHO) AND SPRING COUPLING BE SHROUDED TO PROTECT AGAINST MECHANICAL DAMAGE.
3. EXAMPLE 3, BRACKET COUPLING BOLTS TO BE LOOSENED BEFORE ADJUSTING PULLEY TAKE–UP TO ALLOW FOR THE REALIGNMENT OF THE SHAFT ENCODER AND RETIGHTENED FOLLOWING ADJUSTMENT.

ITEM	QTY	PART NUMBER	DRAWING No.	SIZE	DESCRIPTION	LENGTH	MAT.SPEC.	WEIGHT	REMARKS
3	1				TORQUE ARM				WEB–TECH SUPPLY
2	1				ROTARY SHAFT ENCODER (TACHO)				WEB–TECH SUPPLY
1	1				5/8" S/S SPRING COUPLING		S/S		WEB–TECH SUPPLY

REVISIONS

A: 21/12/88 ORIGINAL ISSUE
B: 19/04/89 L.H. SPEED SENSOR DIMS CHANGED
C: 05/10/95 A.M. ROGERS 1. CABLE EXIT MOVED 2. SENSOR DIMS MODIFIED RMD: 1013
D: 21/02/96 DAVID ALLIX EXAMPLE 4 ADDED ECN: 0098
E: 13/03/00 T.BERNARDI DIMENSIONS ADDED ECN: 0098

UNLESS OTHERWISE STATED
UNTOLERANCED DIMENSIONS
TO BE WITHIN THE LIMITS SHOWN

NOMINAL SIZE	UP TO 50	ABOVE 50 UP TO 150	ABOVE 150 UP TO 300	ABOVE 300 UP TO 1000	ABOVE 1000
MACHINING	± 0.1	± 0.2	± 0.3	± 0.5	± 1.0
FABRICATION	± 0.5	± 0.5	± 0.5	± 1.0	± 2.0
ASSEMBLIES	± 0.5	± 0.5	± 0.5	± 1.0	± 2.0

DRAWN V.D.
CHECKED
APPROVED
DATE APP'D
SCALE NTS

DO NOT SCALE
IF IN DOUBT
ASK

ALL DIMENSIONS IN MILLIMETRES
UNLESS OTHERWISE SPECIFIED

WEB–TECH AUSTRALIA PTY. LTD.
A.C.N. 010 764 431
11 ELECTRONICS STREET EIGHT MILE PLAINS, QUEENSLAND, 4113, AUSTRALIA
P.O. BOX 4006 EIGHT MILE PLAINS, QUEENSLAND, 4113, AUSTRALIA
Phone +61–7–3841 2844 Fax +61–7–3841 0005

TITLE
TYPICAL INSTALLATIONS OF ROTARY SHAFT ENCODER IN CONJUNCTION WITH CONVEYOR BELT SCALES

SIZE A1 | DRAWING No. NUMBER WT5013 | SHT. 00 | REV. E
CONTRACT
PROJECT
CAD FILE WT02301

This drawing and any information or descriptive matter set out hereon are the confidential and copyright property of WEB–TECH AUSTRALIA PTY. LTD. © and must not be disclosed, loaned, copied or used for manufacturing / tendering or for any other purpose without their written permission.