

COMPTROL SERIES 30

TYPE A, B, C, D

Comptrol Series 30 Tensioncells are available in four

Type A30 Tensioncells are designed to be used with a single pulley or sheave, for measuring tension on single strand — wire, cable or filament

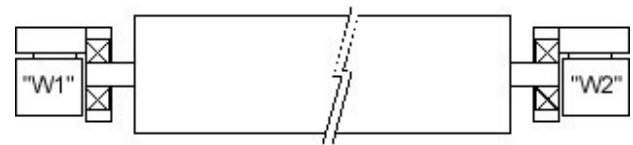
Type B30 Tensioncells are designed for use in NON-ROTATING shaft installations. A self-aligning shaft clamp assures proper alignment of the measuring roll, when the Tensioncells are bolted in the sideframe of the machine. Type "B" cells are supplied in matched pairs, one to be mounted at each end of the measuring roll. Note that the cell marked "W2" is a mirror image of "W1." W2 allows thermal expansion of the shaft.

Type C30 Tensioncells are intended for Rotating shaft installations. They are supplied with self-aligning ball bearings to assure positive alignment of the measuring roll. Type "C" Tension-cells are supplied in matched pairs, one to be mounted at each end of the tension measuring roll. Note that the cell marked "W2" is a mirror image of "W1." W2 is designed to permit thermal expansion of the mating shaft.

Type D30 Tensioncells are available for cantilevered application up to 18" in length. These are Type "A" Tensioncells where the body has been ground to provide an absolute perpendicular position for the cantilevered shaft. Please contact Comptrol for cantilevered shaft Tensioncells.



TYPE B - Bearing in Roll - Nonrotating Shaft
Self aligning Shaft Mounts in Tensioncells



TYPE C - Self Aligning Bearings - Rotating Shaft