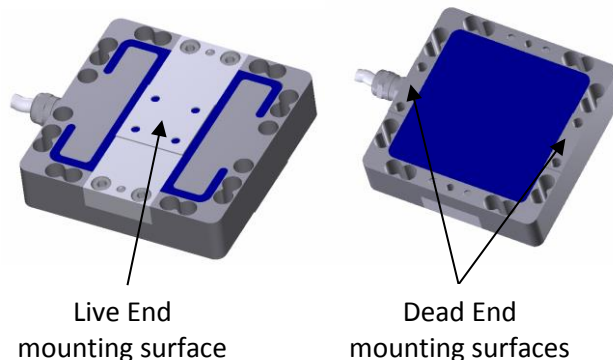


INSTALLATION INFORMATION 3A SERIES MULTI-AXIS LOAD CELLS

1. Interface model 3A Series multi-axis load cells must be mounted on a surface that is flat and rigid enough so as to not deform appreciably under load.
2. Fasteners should be Grade 8.8 for 3A60 thru 3A160 and Grade 10.9 for 3A300 and 3A400
3. Sensors should be mounted using the recommended screws and mounting torques in the table below.
4. Dowel pins should be used at all mounting surfaces.
5. For 3A300 and 3A400 at least two dowel pins should be used on the live end. Up to 5 can be used.
6. For sensors 500N and above, a thin coating of Loctite 638 or similar is recommended on the three mounting surfaces to prevent slippage.
7. Mounting fixtures and plates may only contact the sensor at the indicated mounting surfaces.

MOUNTING DETAILS								
Model	Capacity (N)	Material	Live End			Dead End		
			Threads	Screw Torque – DRY (Nm)	Dowel Pin Holes (mm)	Recommended Mounting Screws	Screw Torque – DRY (Nm)	Dowel Pin Holes (mm)
3A60	10, 20, 50	Aluminum	M3 x 0.5 2 Places 12 mm Deep	1	3.02 H7 2 Places 12 mm Deep	M3 x 0.5 SHCS 2 Places	1	3.02 H7 2 Places 10 Deep
3A60A	10, 20, 50, 100	Aluminum	M3 x 0.5 4 places 10 mm deep	1	2 E7 2 Places 5 mm Deep	M4 x 0.7 SHCS 2 Places	3	3 E7 2 Places 5 Deep
	200, 500	Stainless Steel		1			3	
3A120	50, 100, 200, 500, 1K	Aluminum	M6 x 1 4 Places 15 mm Deep	10	5 E7 2 Places 15 mm Deep	M6 x 1 SHCS 4 Places	10	5 E7 2 Places 3 Deep
3A120	1K, 2K, 5K	Stainless Steel	M6 x 1 4 Places 15 mm Deep	10	5 E7 2 Places 15 mm Deep	M6 x 1 SHCS 4 Places	10	5 E7 2 Places 3 Deep
3A160	2K, 5K, 10K, 20K, 50K	Tool Steel	M10 x 1.5 4 Places 15 mm Deep	50	8 H7 15 mm Deep	M12 x 1.75 SHCS 4 Places	85	8 H7 2 Places 5 Deep
3A300	50K, 100K, 200K	Tool Steel	M24 x 3 4 Places Thru	710	25 H7 40 mm Deep 5 Places	M24 x 3 SHCS 4 Places	710	25 H7 2 Places 40 Deep
3A400	500K	Tool Steel	M30 x 3.5 4 Places Thru	1430	30 E7 5 Places Thru	M30 x 3.5 SHCS 4 Places	1430	30 E7 2 places 40 Deep



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