



ANNULAR TRANSDUCERS

Calibration
details4 TORQUE & ANGLE ANNULAR TRANSDUCERS -
FIXED CONNECTOR

Suitable for heavy duty PT1, PT1A and PT2

50820.LOGA* 100 - 1,000 N·m ¾" sq. dr.

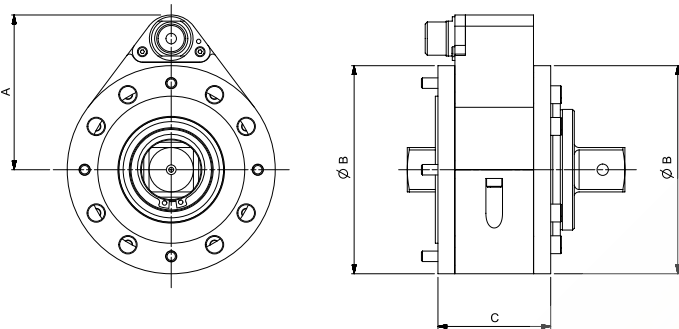
50821.LOGA** 150 - 1,500 N·m 1" sq. dr.

* Can only be used with remote/plain sleeve motors i.e. not a standard PT handle, due to cable interference.

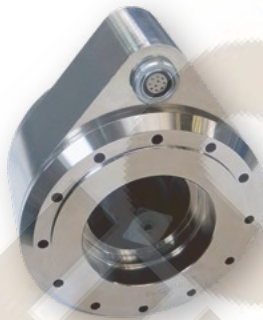
* Only fits to PT with HD final stage carrier having 1" female sq. dr.

Suitable for HT5 and PT5

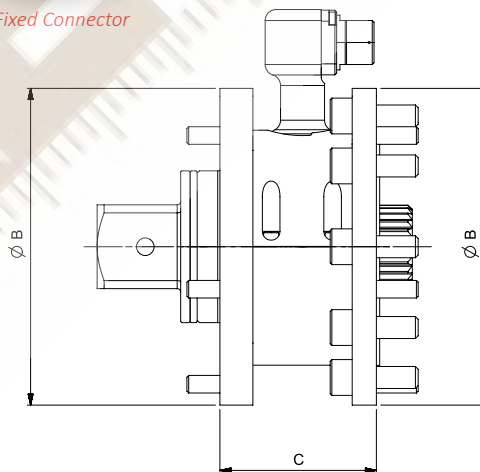
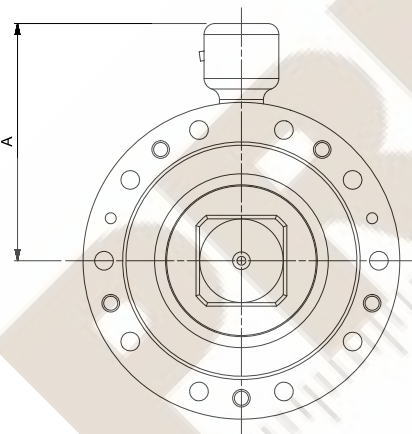
50822.LOGA 350 - 3,500 N·m 1" sq. dr.



Model		Torque & Angle Annular Transducers with Fixed Connector
Part Number		50820.LOGA 50821.LOGA 50822.LOGA
Dimensions (mm)	A	89
	ØB	119
	C	65
Weight (kg)		1.4



Fixed Connector



180° Swivel Connector

4 TORQUE & ANGLE ANNULAR TRANSDUCERS -
180° SWIVEL CONNECTOR

Suitable for HT7 and PT7

50834.LOGA 500 - 5,000 N·m 1½" sq. dr.

Suitable for HT9 and PT9

50824.LOGA 1,000 - 10,000 N·m 1½" sq. dr.

Suitable for HT11 and PT11

50825.LOGA 2,000 - 20,000 N·m 2½" sq. dr.

Suitable for HT12 and PT12

50826.LOGA 3,500 - 35,000 N·m 2½" sq. dr.

Suitable for HT13 and PT13

50827.LOGA 5,000 - 50,000 N·m 2½" sq. dr.

Suitable for HT14 and PT14

50828.LOGA 10,000 - 100,000 N·m 3½" sq. dr.

PT13 & PT14 require special front cover plate with added dowel clearance holes

Suitable for HT15 and PT15

50832.LOGA 15,000 - 150,000 N·m 4½" sq. dr.

Suitable for HT16 and PT16

50829.LOGA 20,000 - 200,000 N·m 5" sq. dr.

Suitable for HT17 and PT17

50830.LOGA 25,000 - 250,000 N·m 6" sq. dr.

Suitable for HT18 and PT18

50831.LOGA 30,000 - 300,000 N·m 6" sq. dr.

Model		Torque & Angle Annular Transducers with Swivel Connector									
		5,000 N·m	10,000 N·m	20,000 N·m	35,000 N·m	50,000 N·m	100,000 N·m	150,000 N·m	200,000 N·m	250,000 N·m	300,000 N·m
Part Number		50834.LOGA	50824.LOGA	50825.LOGA	50826.LOGA	50827.LOGA	50828.LOGA	50832.LOGA	50829.LOGA	50830.LOGA	50831.LOGA
Dimensions (mm)	A	108	120	140	151	186	186	*	*	*	289
	ØB	144	178	212	248	315	315	*	*	*	520
	C	144	184	212	240	315	315	*	*	*	520
Weight (kg)		7.0	10.0	15.0	29.3	43.5	46.6	*	*	*	149.5

* Available on request



FLANGE MOUNTED TRANSDUCERS (FMT)



Calibration
details



Flange Mounted Transducers (FMT) incorporate mounting points for securely fixing the transducer to the working surface. The transducer lead which comes attached to the transducer, is fitted with a high quality connector, suitable for attachment to TST, TTT and T-Box™ 2 instruments. FMTs are provided with precision square drive adaptors suitable for the calibration of torque wrenches.



FMT 2 N-m

4	FMT
50671.xxx*	0.04 - 2 N-m, ¼" sq. dr. with Joint Simulator
50672.xxx	0.5 - 10 N-m, ¼" sq. dr. with Joint Simulator
50673.xxx	1.25 - 25 N-m, ¼" + ⅜" sq. dr. with Joint Simulator
50677.xxx*	0.4 - 20 lbf-in, ¼" sq. dr. with Joint Simulator
50678.xxx	5 - 100 lbf-in, ¼" sq. dr. with Joint Simulator
50679.xxx	12.5 - 250 lbf-in, ¼" + ⅜" sq. dr. with Joint Simulator

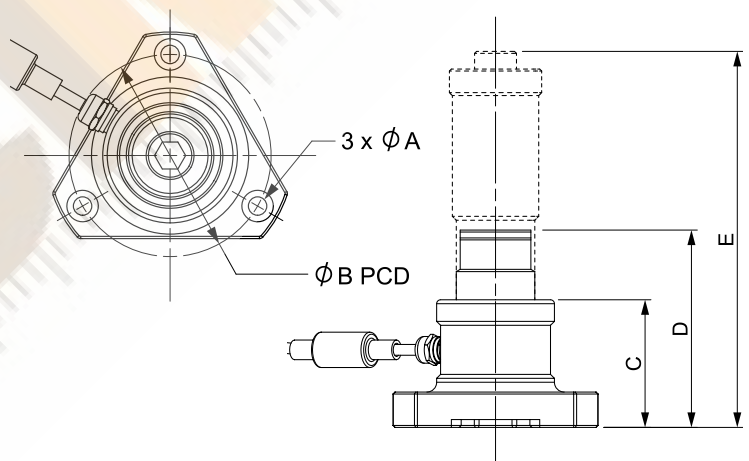


FMT 150 N-m

4	FMT
50844.xxx	3 - 60 N-m, ½" + ⅜" sq. dr. with Joint Simulator
50674.xxx	7.5 - 150 N-m, ½" + ⅜" sq. dr. with Joint Simulator
50680.xxx	5 - 100 lbf-ft, ½" + ⅜" sq. dr. with Joint Simulator
50675.xxx	20 - 400 N-m, ½" + ¾" sq. dr.
50681.xxx	12.5 - 250 lbf-ft, ½" + ¾" sq. dr.



Model	FMT (2 N-m - 25 N-m)	FMT (60 N-m - 400 N-m)	FMT (1,500 N-m)
Part Number	50671.xxx 50672.xxx 50673.xxx 50677.xxx 50678.xxx 50679.xxx	50844.xxx 50674.xxx 50680.xxx 50675.xxx 50681.xxx	50676.xxx 50682.xxx
Dimensions (mm)	ØA	5.5	8.5
	ØB	64	90
	C	63	65
	D	83 (⅜"), 86 (⅝")	92 (⅜"), 95 (⅝"), 101 (½"), 108 (¾")
	E	132	192 (60 N-m, 150 N-m & 100 lbf-ft) N/A (400 N-m & 250 lbf-ft)
Weight (kg)	0.8 (2 N-m & 20 lbf-in) 0.8 (10 N-m & 100 lbf-in) 0.9 (25 N-m & 250 lbf-in)	1.6 (60 N-m, 150 N-m & 100 lbf-ft) 1.7 (400 N-m) 2.7 (250 lbf-ft)	7.0



4	FMT (Ancillary Section)
50539	3 N-m Joint Simulator (also fits TST & TruCheck 2)
50540	10 N-m Joint Simulator (also fits TST & TruCheck 2)
50541	25 N-m Joint Simulator (also fits TST)
50852	30 N-m Joint Simulator (also fits TruCheck 2)
50845	60 N-m Joint Simulator
50692	150 N-m Joint Simulator
50819	400 N-m Joint Simulator
52236	¼" Hexagon - ¼" Square Drive Adaptor
52237	¼" Hexagon - ⅜" Square Drive Adaptor
52251	⅜" Female Square - 22 mm Bi-Square Adaptor
52246	½" Female Square - 22 mm Bi-Square Adaptor
52245	¾" Female Square - 22 mm Bi-Square Adaptor
52254	½" Female Square - 35 mm Bi-Square Adaptor
52241	¾" Female Square - 35 mm Bi-Square Adaptor
52242	1" Female Square - 35 mm Bi-Square Adaptor

4	FMT Mounting Brackets
62221.BLK9005	FMT Mounting Bracket 2 - 400 N-m
62220.BLK9005	FMT Mounting Bracket 150 - 1,500 N-m