

Model 5350 & 5355 Solid Flange Reaction Torque Transducer

- Threaded mounting holes
- Compact size
- Optional ± 10 VDC output available on 100 oz-in and above



DIMENSIONS

See Drawing	SOLID FLANGE TYPE		
	5350	5355	
	CAPACITY (oz-in)	CAPACITY (lb-in)	
	10, 20, 50, 100, 200	10, 20, 50	100, 200, 500
	inch	inch	inch
(1)	1.50	2.00	2.75
(2)	1.00	1.375	2.000
(3)	0.875	1.250	1.875
(4)	1.50	2.125	2.75
(5)	1.375	1.875	2.375
(6)	.0625	0.125	0.188
(7)	0.563	0.750	1.250
(8)	#4-40 UNC-2B 2 places	#10-32 UNF-2B - 2 places	1/4-20 UNC-2B - 4 places
(9)	0°	0°	0°
(10)	Conxall 7282-GPG-300	CF3102E-14S-6P	CF3102E-14S-6P

See Drawing	5355		
	CAPACITY (lb-in)		
	1K, 2K, 5K	10K, 20K	50K, 100K
	inch	inch	inch
(1)	4.50	6.00	8.00
(2)	3.875	5.375	7.375
(3)	3.750	5.25	7.250
(4)	3.50	4.50	5.50
(5)	3.00	3.75	4.75
(6)	0.25	0.375	0.375
(7)	2.750	4.000	5.750
(8)	3/8-24 UNF-2B - 4 places	7/16-20 UNF-2B - 8 places	5/8-18 UNF-2B
(9)	0°	22.5°	15°
(10)	CF3102E-14S-6P	CF3102E-14S-6P	CF3102E-14S-6P

SPECIFICATIONS

ACCURACY – (MAX ERROR)	
Nonlinearity-% FS	± 0.1
Hysteresis-% FS	± 0.1
Nonrepeatability-% RO	± 0.05
TEMPERATURE	
Compensated Range-°F	+75 to +175
Compensated Range-°C	+24 to +80
Operating Range-°F	-65 to +225
Operating Range-°C	-54 to +107
Effect on Output-%/°F- MAX	± 0.002
Effect on Zero-% RO/°F - MAX	± 0.002
ELECTRICAL	
Rated Output-mV/V (Nominal) (5350-10)	2.0
Bridge Resistance-Ohm (Nominal)	350
Excitation Voltage-VDC MAX	10
MECHANICAL	
Calibration	CW & CCW
Safe Overload-%CAP	200

