

Annular Load Cell

FORCEWASHER

- Range 10kN to 200kN.
- Highly accurate and reliable.
- Robust, compact and low profile construction.
- Suitable for metric or imperial bolts.
- Compression applications.
- Easy connection to the customers' applications.
- Provided with 4 mtrs. cable length.



Specifications		Options			
Full load output:	1.0 nom. mV/V.	Other ranges available on request.			
Zero load output:	<±1.0%.	Full range of mounting options.			
Excitation (Max):	10 (15) V.	Non-standard sizes available.			
Accuracy:	<0.5%.				
Repeatability:	<0.10%.				
Input resistance:	750 Ω.				
Output resistance:	700 Ω.				
Compensated temp.:	-10°C to 40°C.				
Operating temp. Range:	-20°C to 60°C.				
Temp. Coefficient on zero:	<0.030 % capacity/°C.				
Temp. Coefficient on span:	<0.0050 % capacity/°C.				
Safe overload:	150%.				
Insulation:	>500 @ 100Vdc MΩ.				
IP class:	IP66.				
Item No:	Capacity (kN)	Bolt Size	A (mm)	B (mm)	C (mm)
FORCE-WASHER10kN	10	M6	18	6.1	12
FORCE-WASHER20kN	20	M8	22	8.1	12
FORCE-WASHER40kN	40	M10	28	10.2	12
FORCE-WASHER80kN	80	M12	38	12.2	15
FORCE-WASHER100kN	100	M16	42	16.3	20
FORCE-WASHER120kN	120	M24	50	24.3	25
FORCE-WASHER160kN	160	M30	60	30.5	30
FORCE-WASHER200kN	200	M36	75	36.5	30

