					FR RH Std	FR LH Std	RR RH Std	RR LH Std	FR RH AP	FR LH AP	RR RH AP	RR LH AP	
Load Case	**Test Feature**	**unit**	**Store**	**Typical Values***	**V1**	**V2**	**V3**	**V4**	**V5**	**V6**	**V7**	**V8**	**G/Y/R**
No-Load	Rail Mounting Points	OK / NOK		As per drawing shared	2 mtgs	2 mtgs	2 mtgs	2 mtgs	2 mtgs	2 mtgs	2 mtgs	2 mtgs	
	MDB Mounting Points	OK / NOK		As per drawing shared	1 mtg	1 mtg	1 mtg	1 mtg	1 mtg	1 mtg	1 mtg	1 mtg	
	LH & RH Type for Front & Rear	OK / NOK		As per drawing shared	FRH	FLH	RRH	RLH	FRH	FLH	RRH	RLH	
	Rail Radius	mm			Appr 2030	Appr 2030	Appr 1772	Appr 1772	Appr 2030	Appr 2030	Appr 1772	Appr 1772	
Rated Load during window UP operation is 66N (at 13.5~14V operating voltage) Rated Load during window DOWN operation is 24N (at 13.5~14V operating voltage)	Rising Speed at 13.5V	Sec	Yes		02 to 05	02 to 05	02 to 05	02 to 05	02 to 05	02 to 05	02 to 05	02 to 05	
	Descent Speed at 13.5V	Sec	Yes		02 to 05	02 to 05	02 to 05	02 to 05	02 to 05	02 to 05	02 to 05	02 to 05	
	Operating Current UP at 13.5V (Average)	A	Yes		9 Amp Max	9 Amp Max	9 Amp Max	9 Amp Max	9 Amp Max	9 Amp Max	9 Amp Max	9 Amp Max	
	Operating Current DN at 13.5V (Average)	A	Yes		9 Amp Max	9 Amp Max	9 Amp Max	9 Amp Max	9 Amp Max	9 Amp Max	9 Amp Max	9 Amp Max	
	Stall Current at 13.5V	A	Yes		25 Amp Max	25 Amp Max	25 Amp Max	25 Amp Max	25 Amp Max	25 Amp Max	25 Amp Max	25 Amp Max	
	Stall Force at 13.5V (Spring Stiffness @ 10±0.5 N/mm)	N			200 - 350N	200 - 350N	150 - 300N	150 - 300N	200 - 350N	200 - 350N	150 - 300N	150 - 300N	
	Stroke Length	mm			465.9	465.9	450.7	450.7	465.9	465.9	450.7	450.7	
	Pinch Force (Spring Stiffness @ 10±0.5 N/mm)	N	Yes						<100N	<100N	<100N	<100N	
	Noise Specification	dB			<60dBA	<60dBA	<60dBA	<60dBA	<60dBA	<60dBA	<60dBA	<60dBA	
Unload	Shipping Position	mm			90.6±10	90.6±10	93±10	93±10	90.6±10	90.6±10	93±10	93±10	
	Part OK / NOK indicated as GREEN or RED on the HMI	OK / NOK		If above parameters are met									
	Label dispense if OK part	1/ OK part		If above parameters are met									
	Production Counter (Total OK Vs NOK Quantity)												

Notes Specific to Anti pinch W.Reg.	**G/Y/R**
1) Pinch Position should be 4mm from the seal edge.	
2) Force to be measured by load cell having range of 0 - 20 Kgs.	
3) Pinch has to happen with 10N/mm spring stiffness. If a plunger is used, please ensure there is no damping. Should work as a pure sp	
4) Dynamic response shall be >10kHz.	
5) Sampling rate shall be >10k samples/sec and the peak value of the force shall be detected.	
6) Force value shall be between 4kg-f to 9kg-f	
7) Reversal distance depends on the model, and reversal distance has to be measured.(180mm)	
8) EOL Test sequence to include INIT and DEINIT as part of the test sequence. Unclamp part and dispense label only after DEINIT is confirmed. Contact Aditya for details on this.	
9) For Anti-Pinch Pin Assignment, functions, Aditya will send a separate document after nomination.	