

# GTEK AUTOMATION

A Division of Pacific Air Engineering, Inc.

## MODEL GTA-10RNS to GTA-20RNS (BRUSH TYPE) AIR/VACUUM PUMP

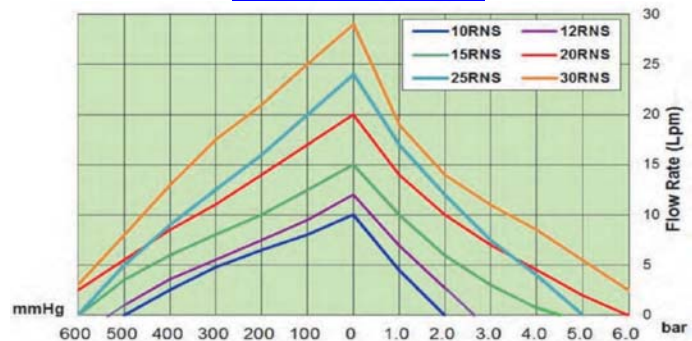
### TECHNICAL DATA

P/N:	GTA-10RNS-B-*-DB1		GTA-12RNS-B-*-DB1		GTA-15RNS-B-*-DB1		GTA-20RNS-B-*-DB1	
<b>Voltage:</b>	12VDC	24VDC	12VDC	24VDC	12VDC	24VDC	12VDC	24VDC
<b>Rated Current:</b>	1.5 A	0.8 A	2.4 A	1.2 A	3.1 A	1.5 A	3.1 A	2.0 A
<b>Open Flow Air Output:</b>	* 0.35 CFM (10 LPM)		* 0.42 CFM (12 LPM)		* 0.53 CFM (15 LPM)		* 0.67 CFM (19 LPM)	
<b>Max. Vacuum</b>	-19.29 InHg (-490 mmHg)		-21.26 InHg (-540 mmHg)		-23.61 InHg (-600 mmHg)		-25.59 InHg (-650 mmHg)	
<b>Max. Pressure</b>	29 PSI (2 Bar)		36 PSI (2.5 Bar)		65 PSI (4.5 Bar)		87 PSI (6 Bar)	
<b>Dimensions:</b>	5.78" L x 4.13" H x 2.95" W (147mm L x 105mm H x 75mm W)							
<b>Weight:</b>	2.75 LBS (1.25 Kg)							
<b>Motor Type</b>	DC Motor, Brush Type, Insulation Class E							
<b>Connection Type:</b>	1/8" Female NPT Inlet and Outlet Air Ports							
<b>Driver Type:</b>	Internal							

\* To Order Please Use P/N-Motor Type-Voltage. IE: P/N GTA-10RNS-B-12VDC-DB1 or GTA-10RNS-B-24VDC-DB1.

\* Approx. Flow Rates.

### Output Air Flow



4-Ø6.5 Top Thru or 4-M5 Tap

11 69 11 42 91 147 34 105

7.50 60 75 12 14 92

No.	Description	Material	Q'ty	Remarks
1	Motor Ass'y		1	DC Motor
2	Pump Body	ADC 12	1	
3	Set Screw		1	M5
4	Eccentric		1	
5	Bearing		1	608ZZ
6	Rod	ADC 12	1	
7	Teflon Cup	PTFE	1	
8	Rod Cap	ADC 12	1	
9	Rod Screw	STS	1	M4
10	Body Screw		4	M4
11	Cylinder	AL6061	1	Anodizing
12	O-Ring	Silicone	1	
13	V/V Plate	ADC 12	1	
14	Valve washer	STS	1	
15	Valve	Silicone	1	White
16	Head	ADC 12	1	
17	Rec-Ring	Silicone	1	Red
18	Head Cap	ADC 12	1	
19	Head Screw		4	M4

\* DC Motor : Brush Type  
Applied Model : 10, 12, 15, 20RNS(RVS, RAS)

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