





# G25 SERIES

The genesis of a new era is upon us! Yamada Corporation has combined genius technology and engineering with next generation manufacturing to produce the newest genre of high quality pumps.

The G25 series is now globally available for general industrial market applications!!

### **Features and Benefits:**

- •Truly non-lubricated (no greasy pre-pack)/ maintenance free air distribution system.
- New Switching System: Newly designed anti-stall S-Spool
- Ice Free operation
- Fewer wearing parts
- Ease of repair Quick teardown/ Rebuild
- 20% air consumption over competitor's pumps



# **Applications:**























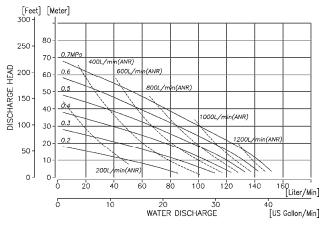
### **Specifications:**

Maximum Discharge Volume       150L/min       130L/m         Maximum Air Consumption       1400L/min (ANR)         Slurry Limitation       3mm max.         Limitation of Viscosity       Suction Lift       3 Pa⋅s max         Force In       8 Pa⋅s max         Environmental Temperature       0-70°C         NBR: 0-70°C	Model		G25AN	G25AH	G25AS	G25AT
Diaphragm Materials   NBR   TPE   TPO   PTFE	Nominal Diameter		1" (25mm)			
Fluid Connection    Suction Port   Discharge Port	Materials	Casing Material	Aluminum			
Discharge Port  Air Connection  Supply Port Exhaust Port  Operating Air Pressure  Maximum Discharge Pressure  Discharge Volume/ cycle *1  Maximum Discharge Volume  Maximum Air Consumption  Slurry Limitation  Limitation of Viscosity  Discharge Pressure  O.2 - 0.7 MPa  0.2 - 0.7 MPa  0.7 MPa  600ml 450ml 150L/min 130L/m 1400L/min (ANR)  3mm max.  3mm max.  3mm max.  4 Pars max  5uction Lift Force In 8 Pars max Environmental Temperature  O-70°C  NBR: 0-70°C		Diaphragm Materials	NBR	TPEE TPO		PTFE
Air Connection  Supply Port Exhaust Port  Operating Air Pressure  Maximum Discharge Pressure  Discharge Volume/ cycle *1  Maximum Discharge Volume  Maximum Discharge Volume  Maximum Air Consumption  Slurry Limitation  Limitation of Viscosity  Discharge Volume  Maximum Air Consumption  Suction Lift Force In  Exhaust Port  O.2 - 0.7 MPa  0.7 MPa  600ml  450ml  150L/min  130L/m  1400L/min (ANR)  3mm max.  3mm max.  Suction Lift Force In  8 Pa·s max  Environmental Temperature  O-70°C  NBR: 0-70°C	Fluid Connection	Suction Port				
Exhaust Port   Rc 3/4 [NPT 3/4]		Discharge Port				
Operating Air Pressure  Maximum Discharge Pressure  Discharge Volume/ cycle *1  Maximum Discharge Volume  Maximum Discharge Volume  Maximum Discharge Volume  Maximum Air Consumption  Slurry Limitation  Limitation of Viscosity  Suction Lift  Force In  Environmental Temperature  Page 1974  10.2 - 0.7 MPa  0.7 MPa  600ml  450ml  150L/min  130L/m  1400L/min (ANR)  3mm max.  3 Pa·s max  8 Pa·s max  Environmental Temperature  0-70°C  NBR: 0-70°C	Air Connection	Supply Port				
Maximum Discharge Pressure       0.7 MPa         Discharge Volume / cycle *1       600ml       450ml         Maximum Discharge Volume       150L/min       130L/m         Maximum Air Consumption       1400L/min (ANR)         Slurry Limitation       3mm max.         Limitation of Viscosity       Suction Lift       3 Pa·s max         Force In       8 Pa·s max         Environmental Temperature       0-70°C         NBR: 0-70°C		Exhaust Port				
Discharge Volume / cycle *1  Maximum Discharge Volume  Maximum Air Consumption  Slurry Limitation  Limitation of Viscosity  Suction Lift Force In  Environmental Temperature  Force In  Amb. Temp Range  600ml 450ml 1400L/min 130L/m 130L/m 1400L/min (ANR) 3mm max. 3 Pa·s max 8 Pa·s max 8 Pa·s max 0-70°C NBR: 0-70°C	Operating Air Pressure		0.2 - 0.7 MPa			
Maximum Discharge Volume       150L/min       130L/m         Maximum Air Consumption       1400L/min (ANR)         Slurry Limitation       3mm max.         Limitation of Viscosity       Suction Lift       3 Pa⋅s max         Force In       8 Pa⋅s max         Environmental Temperature       0-70°C         NBR: 0-70°C						
Maximum Air Consumption       1400L/min (ANR)         Slurry Limitation       3mm max.         Limitation of Viscosity       Suction Lift       3 Pa⋅s max         Force In       8 Pa⋅s max         Environmental Temperature       0-70°C         NBR: 0-70°C				600ml		450ml
Slurry Limitation       3mm max.         Limitation of Viscosity       Suction Lift       3 Pa⋅s max         Force In       8 Pa⋅s max         Environmental Temperature       0-70°C         NBR: 0-70°C	Maximum Discharge Volume			150L/min		130L/min
Limitation of Viscosity  Suction Lift Force In Environmental Temperature  Suction Lift 3 Pa·s max 8 Pa·s max 0-70°C NBR: 0-70°C	Maximum Air Consumption		1400L/min (ANR)			
Force In  Environmental Temperature  S Pa·s max  0-70°C  NBR: 0-70°C	Slurry Limitation					
Environmental Temperature    S Pa · s max   0-70°C	Limitation of Viscosity	Suction Lift	3 Pa·s max			
Amb. Temp Range NBR: 0-70°C		Force In				
lamn lemn Range	Amb. Temp Range	Environmental Temperature				
TPFE: 0-80°C		Liquid Temperature	NBR: 0-70°C			
Elquid Tomporaturo			TPEE: 0-80°C			
TPO/PTFE: 0-100°C			TPO/PTFE: 0-100°C			
Maximum Operation Noise A-weighted Sound Pressure Level *2 81.0 dB	Maximum Operation Noise	A-weighted Sound Pressure Level *2		81.0 dB		
A-weighted Sound Power Level *3 94.5 dB		A-weighted Sound Power Level *3	94.5 dB			
Weight 9.2kg	Weight			9.2kg		

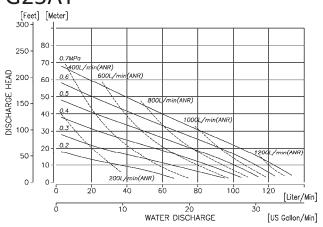
- \*1: Discharge Volume/ cycle is highly dependent on application. Please contact your local distributor or Yamada for more information.
- \*2: Measurement method of A-weighted sound pressure level is based on ISO 1996.
- \*3: Measurement method of A-weighted sound power level is based on ISO 3744.

## **Performance Curve:**

#### G25A□



#### G25AT



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