

Ammonia

Motor Pump



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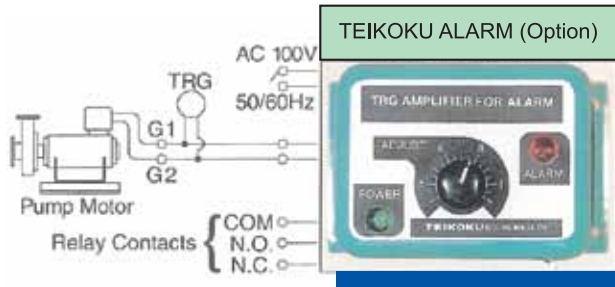


The patented TEIKOKU ROTARY GUARDIAN (TRG) meter is available in two types; the built-in meter (right down) and the remote panel mount meter (left up). The TRG indicates any serious malfunction of the pump before a failure occurs. The TRG can also be attached to an alarming device



The pump can be provided with a temperature measurement and control device. This instrument can be set to the desired temperature limit and will automatically set off an alarm or shut down the pump should this limit be exceeded. It can also be installed on the pump motor cooling line.

TEMPERATURE CONTROL (Option)



The TRG output voltage can be connected to either an optical or acoustic alarm circuit, and/or to the main power with pump shut down capability. The TRG amplifier contains an adjustable dial that provides a more flexible protection program.

TEMPERATURE CONTROL (Option)



Installed on the control panel as part of the electrical wiring, the Low Flow Alarm automatically cuts off the main power to the TEIKOKU canned motor when the pump runs dry. It also protects canned motor pumps from excessive cavitation. Typical uses include:

1. Unloading tank trucks.
2. Pumping from storage tanks.
3. Batch operations.
4. Any other application where pump can possibly run dry.

THERMOSTAT (Option)



A temperature sensor in the canned motor windings can be provided to prevent overheating. Thermostat are provided as a standard for all pumps shipped to the United States and Canada.

Teikoku Pumps

Model	Flowrate (L/min.)	Head (m)	NPSH (m)	Motor (kW)	Dimension LxWxH (cm)	Weight (kg)
R41-216F4AR-0204SY1	100	27	0.9	1.5	62x34x41	75
R41-216F4AR-0204SX1	100	36	0.9	2.2	62x34x41	85
R41-316F4AR-0405TV1	200	31	1.3	3.7	73x42x42	123
R41-316F4AR-0405TX1	200	43	1.3	3.7	73x42x42	125
R41-316F4AR-0506T1F	400	46	1.3	5.5	81x45x46	150
R41-416F4AR-0608T1F	800	42	1.3	11.0	92x51x54	200

Base on 380 volt, 50Hz, 2,900 RPM and Ammonia Refrigerant.

Note : 1.) Other capacity and dimension are available, please contact manufacturer.
2.) Specifications subject to change without notice.