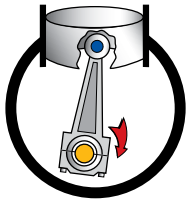


## Articulating Piston



# TASKAIR™ (TA) SERIES

## 1/12, 1/6, 1/4, 1/3, 1/2, 3/4 & 1.0 HP

### MODELS

TA-2101-DC (270046)  
 TA-3101-DC (270024)  
 TA-4101-DC (270025)  
 TA-4101-DC (270047)  
 TA-5102-DC (270058)

TA-5102E (270063)  
 TA-5102E (270064)  
 TA-6102E (270066)

TA-1061 (270000)  
 TA-1061 (270026)  
 TA-2051 (270013)  
 TA-2051 (270028)  
 TA-2101 (270003)  
 TA-2101 (270004)  
 TA-2101 (270029)  
 TA-3051 (270002)  
 TA-3051 (270031)  
 TA-3101 (270005)  
 TA-3101 (270033)  
 TA-3052 (270006)  
 TA-3052 (270032)  
 TA-5052 (270008)  
 TA-5052 (270039)  
 TA-5102 (270011)  
 TA-5102 (270040)  
 TA-5102 (270043)  
 TA-5102 (270058)  
 TA-4051 (270014)  
 TA-4101 (270015)  
 TA-4052 (270007)  
 TA-4052 (270035)  
 TA-4102 (270010)  
 TA-6052 (270009)  
 TA-6052 (270041)  
 TA-6102 (270012)  
 TA-6102 (270042)  
 TA-6102 (270044)  
 TA-7102 (270045)  
 TA-7102 (270048)  
 TA-4172 (270072)  
 TA-5172 (270078)  
 TA-5172 (270073)  
 TA-5172 (270076)  
 TA-6172 (270080)  
 TA-6172 (270082)  
 TA-3V2 (270018)  
 TA-3V2 (270034)  
 TA-4V2 (270019)  
 TA-4V2 (270038)  
 TA-5V2 (270083)

ISO 9001  
 CERTIFIED



TA-1061: 270000  
 270026

TA-2051: 270013  
 270028

TA-2101: 270003  
 270004  
 270029



TA-3051: 270002  
 270031

TA-3101: 270005  
 270033



TA-3051: 270002  
 270031

TA-3101: 270005  
 270033



TA-5102DC: 270058



TA-2101DC: 270046

TA-3101DC: 270024

TA-4101DC: 270025  
 270047

TA-4051DC: 270059  
 270060

TA-5052: 270008  
 270039

TA-5102: 270011  
 270040  
 270043  
 270058

TA-6052: 270009  
 270041

TA-6102: 270012  
 270042  
 270044



TA-7102: 270045  
 270048



TA-3052: 270006  
 270032

TA-4052: 270007  
 270035

TA-4102: 270010

### FEATURES

- Oil-less design
- Permanently lubricated and sealed bearings
- Cast iron cylinders
- High strength stainless steel valves
- PTFE piston rings and skirts
- Long, service-free life
- Field service capability
- Totally enclosed fan cooled motor
- Low vibration
- Single-point intake
- Quiet operation
- Low profile
- Resistant to dust & water
- Fifty-micron inlet filter(s)
- Motor Frame 48 and 56

Consult factory for custom applications



TA-4172: 270072

TA-5172: 270078  
 270073  
 270076

TA-6172: 270080  
 270082

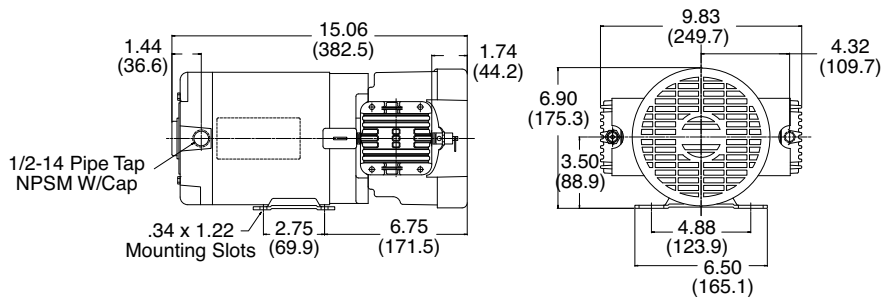
**THOMAS**  
 A Gardner Denver Product

# 1/2 TA Performance Data

MODEL NUMBER		TA-5052		TA-5052		TA-5102		TA-5102		TA-5102	
MANUFACTURING CODE		270008		270039		270011		270040		270043	
HEAD CONFIGURATION		Pressure		Pressure		Pressure		Pressure		Pressure	
NUMBER OF CYLINDERS		2		2		2		2		2	
PRESSURE		Flow @ 115/60		Flow @ 220/50		Flow @ 115/60		Flow @ 220/50		Flow @ 230/60	
CFM @ PSI	LPM @ bar										
PSI	bar	CFM	LPM	CFM	LPM	CFM	LPM	CFM	LPM	CFM	LPM
0	0	4.30	121.7	3.40	96.2	3.20	90.6	2.55	72.2	3.20	90.6
5	.5	4.17	116.5	3.30	92.1	3.05	84.4	2.42	66.9	3.05	84.4
10	1.0	4.00	110.8	3.20	88.0	2.90	79.3	2.30	63.0	2.90	79.3
15	1.5	4.05	104.9	3.10	83.9	2.79	74.9	2.22	60.0	2.79	74.9
20	2.0	3.90	100.2	3.00	79.8	2.68	71.2	2.15	57.0	2.68	71.2
25	3.0	3.75	91.4	2.90	73.5	2.59	66.5	2.07	52.8	2.59	66.5
30	5.0	3.63		2.80		2.50	55.4	2.00	44.5	2.50	55.4
35	7.0	3.52		2.72		2.45	46.2	1.95	36.3	2.45	46.2
40		3.41		2.65		2.40		1.90		2.40	
50		3.30		2.50		2.26		1.80		2.26	
60		3.10				2.10		1.70		2.10	
70						1.98		1.60		1.98	
80						1.90		1.50		1.90	
90						1.75		1.40		1.75	
100						1.65		1.30		1.65	
<b>MAX. PRESSURE</b>		50 PSI	3.4 bar	50 PSI	3.4 bar	100 PSI	7.0 bar	100 PSI	7.0 bar	100 PSI	7.0 bar
<b>MAX. AMBIENT AIR TEMP.</b>		40°C	104° F	40°C	104° F	40°C	104° F	40°C	104° F	40°C	104° F
<b>MIN. AMBIENT START TEMP.</b>		0°C	32° F	0°C	32° F	0°C	32° F	0°C	32° F	0°C	32° F
<b>MAX. RESTART PRESSURE</b>		100 PSI	3.4 bar	50 PSI	3.4 bar	100 PSI	7.0 bar	100 PSI	7.0 bar	100 PSI	7.0 bar
<b>MOTOR VOLTAGE/FREQUENCY</b>		115/230/60/1		110/220/240/50/1		115/230/60/1		110/220/240/50/1		208/230/460/60/50/1	
<b>HORSEPOWER</b>		1/2		1/2		1/2		1/2		1/2	
<b>MOTOR TYPE</b>		Capacitor Start		Capacitor Start		Capacitor Start		Capacitor Start		Polyphase	
<b>CURRENT AT RATED LOAD (AMPS)</b>		7.2 / 3.6		8.2 / 4.1 / 4.3		7.2 / 3.6		8.2 / 4.1 / 4.3		2.0 / 1.9 / .95	
<b>POWER AT RATED LOAD (WATTS)</b>		760		670		760		670		628	
<b>STARTING CURRENT (LOCKED ROTOR, AMPS)</b>		37.0 / 19.7		39.0 / 19.5		37.0 / 19.7		39.0 / 19.5		12.5 / 12.0 / 6.0	
<b>MIN. FULL LOAD SPEED (RPM)</b>		1725		1425		1725		1425		1725 / 1425	
<b>THERMAL PROTECTOR</b>		Yes		Yes		Yes		Yes		No	
<b>CAPACITOR VALUE</b>		324 mfd		324 mfd		324 mfd		324 mfd			
<b>NET WEIGHT</b>		37 lbs.	17 Kg	37 lbs.	17 Kg	37 lbs.	17 Kg	37 lbs.	17 Kg	37 lbs.	17 Kg
<b>SHIP WEIGHT</b>		40 lbs.	18 Kg	40 lbs.	18 Kg	40 lbs.	18 Kg	40 lbs.	18 Kg	40 lbs.	18 Kg

## TA-5052

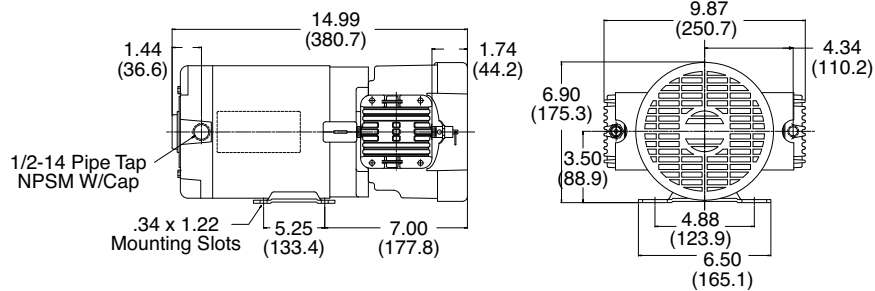
27008



# Dimensions Millimeters are in ( )

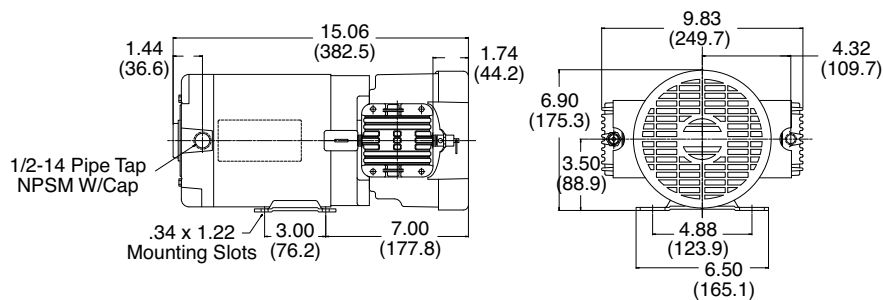
## TA-5052

270039



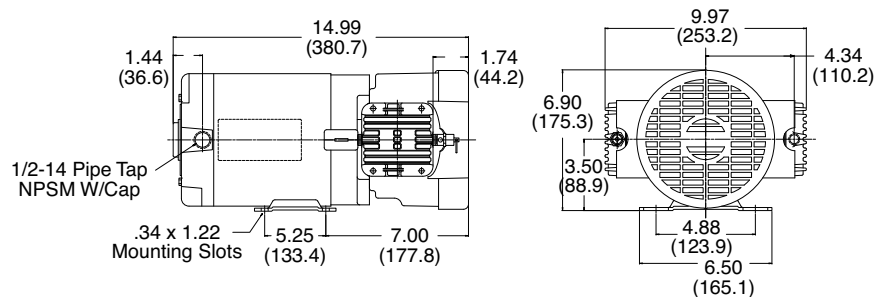
## TA-5102

270011



## TA-5102

270040



## TA-5102

270043

