

## TYPICAL PERFORMANCE

PUMP MODEL	PLUNGER $\varnothing$ (MM)	SPM	STROKE LENGTH (MM)	FLOW (LPH)	PRESSURE (kg/sq.cm)	END CONNECTION
PN-Z-6A	6	50	5	0.3	150	1/2" NPT (F)
PN-Z-6B	6	100	5	0.6	150	
PN-Z-6C	6	150	5	0.9	150	
PN-Z-8A	8	50	5	0.5	125	
PN-Z-8B	8	100	5	1.1	125	
PN-Z-8C	8	150	5	1.6	125	
PN-Z-10A	10	50	5	0.8	90	
PN-Z-10B	10	100	5	1.6	90	
PN-Z-10C	10	150	5	2.5	90	
PN-Z-12A	12	50	5	1.2	75	1/2" NPT (M)
PN-Z-12B	12	100	5	2.4	75	
PN-Z-12C	12	150	5	3.6	75	
PN-Z-16A	16	50	5	2.1	40	
PN-Z-16B	16	100	5	4.2	40	
PN-Z-16C	16	150	5	6.3	40	
PN-Z-20A	20	50	5	3.8	27	
PN-Z-20B	20	100	5	7.5	27	
PN-Z-20C	20	150	5	11.3	27	
PN-Z-25A	25	50	5	5.9	17	1/2" NPT (M)
PN-Z-25B	25	100	5	11.8	17	
PN-Z-25C	25	150	5	17.7	17	
PN-Z-32A	32	50	5	9.6	10	
PN-Z-32B	32	100	5	19.3	10	
PN-Z-32C	32	150	5	28.9	10	
PN-Z-40A	40	50	5	15.1	7	
PN-Z-40B	40	100	5	30.1	7	
PN-Z-40C	40	150	5	45.2	7	

## LIQUID END MATERIAL OF CONSTRUCTION

PARTS	MATERIAL
HEAD	SS-316/CF8M
PLUNGER	SS-316
BALLS	SS-316
CHECK VALVES	SS-316/CF8M
PACKING	PTFE BRAIDED ROPE

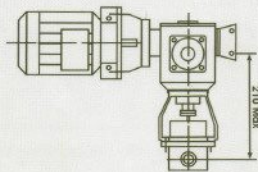
## MOTOR DETAILS

TEFC Induction Motor 0.25 HP, 415 V, 3 Phase, 50 HZ, 1440 RPM (Std)

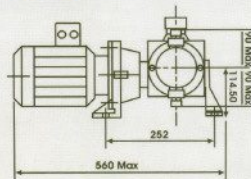
TEFC Induction Motor 0.5 HP, 415 V, 3 Phase, 50 HZ, 1440 RPM (Optional)

Explosion Proof Motor Available on Request. (ONLY FOR 0.5 HP)

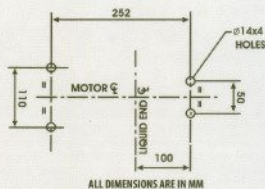
## PLAN



## ELEVATION



## PUMP MOUNTING DETAILS



ALL DIMENSIONS ARE IN MM

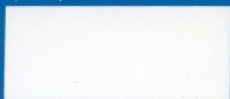
WEIGHT OF PUMP WITH MOTOR = 45 Kg (Approx.)

## ORDERING CODE:

PN-Z

Piston Size	Strokes Per Minute
6	A- 50 SPM
8	B- 100 SPM
10	C- 150 SPM
12	32
40	

Represented by



ISO 9001  
Certified

**MILTON ROY INDIA (P) LTD.**

**Head office and Manufacturing unit:**

Plot No: 45/1, 8th Avenue, Domestic Tariff Area,

Mahindra World City, Kanchipuram District, Chengalpet – 603002

Tel Ph. No: +91-44-47438181 Fax No.: +91-44-47438182

e-mail: mrisales@hs.utc.com; mrisupport@hs.utc.com

[www.miltonroyindia.com](http://www.miltonroyindia.com)



*Introducing  
the Micro Dosing Pump*

**PN-Z**  
Our new packed plunger pump



#### KEY SPECIFICATION FEATURES

- Conforms to API 675 standard
- Steady State Accuracy  $\pm 1\%$  of rated flow
- Repeatability  $\pm 3\%$
- Linearity  $\pm 3\%$
- Turn down ratio 10:1
- Accurate Flow Adjustment through 10 Turn Knob rotation
- Amplitude /Modulated Positive Stroke Return by Sliding Crank mechanism
- Robust Cast Iron construction
- Lockable Micrometer Stroke Adjustment  
Can be adjusted while pump is running/stopped
- Compact size
- Oil bath lubrication for all drive components.
- High Precision Check Valves
- Double Ball Check Valves
- Maximum Liquid Temperature 120°C
- Capacity Adjustment by :
  - Lockable Micrometer Stroke Adjustment (Std)
  - Variable Speed Drive (Optional)
  - Electronic Capacity Controller (Optional)
- Liquid End Material Of Construction : SS - 316  
Other MOC on request
- Plunger size :  $\varnothing 6\text{mm}$  to  $\varnothing 40\text{mm}$
- End Connections : Threaded (Std)  
Flanged (Optional)
- Multiplexing up to 3 Heads.