

METERING PUMPS

P N E U M A T I C P L U N G E R

General Specifications: 84T-17, 18 & 20 Series Pneumatic, Plunger Metering Pumps

Wetted Parts:

Pump Body:	316 ss
Plunger:	17-4 PH ss, or Ceramic Coated
Plunger Seal:	Refer to Ordering Chart

Check Valves :

Body:	316 ss
Ball:	440C ss or Carbide
Spring - Discharge:	316 ss
Seat:	TFE

Pneumatic Section:

Piston Housing:	303 ss
Timer:	316 ss
Relay:	316 ss

Plunger Sizes: 1" to 2 1/4" plunger diameters

Pressure: To 10,000 psi, maximum

Optional Materials: 316 ss, Hastelloy, Monel, & Titanium

The LINC 84T-17, 18 & 20 Series: Pneumatic, Plunger-Type Metering Pump Selection Chart

Model Number	Plunger Diameter	Piston Diameter	Max. Rate Gal/Hr	Max. Rate Liter/Hr	Min. Rate Gal/Hr	Min. Rate Liter/Hr	Max. Pressure psi	Max. Pressure bar	Theoretical Amp. Ratio	Strokes Per Minute	Volume Per Stroke	Stroke Length
1" Plunger with Timer/Relay												
84T-17-x6	1"	6"	8.1	30.7	0.2	0.8	5,000	345	36:1	4 - 35	19.3 cc	1 1/2"
84T-17-x8	1"	8"	8.1	30.7	0.2	0.8	10,000	680	64:1	4 - 35	19.3 cc	1 1/2"
1 1/2" Plunger with Timer/Relay												
84T-18-x4	1 1/2"	4"	22	83	0.9	3.5	600	41	7:1	4 - 40	36.1 cc	1 1/4"
84T-18-x6	1 1/2"	6"	22	83	0.9	3.5	1,950	134	16:1	4 - 40	36.1 cc	1 1/4"
84T-18-x8	1 1/2"	8"	22	83	0.9	3.5	3,450	238	28:1	4 - 40	36.1 cc	1 1/4"
2 1/4" Plunger with Timer/Relay												
84T-20-x6	2 1/4"	6"	90	341	2.1	7.8	900	62	7:1	4 - 35	162 cc	2 1/2"
84T-20-x8	2 1/4"	8"	90	341	2.1	7.8	1,800	124	12:1	4 - 35	162 cc	2 1/2"
84T-20-x10	2 1/4"	10"	90	341	2.1	7.8	2,700	186	19:1	4 - 35	162 cc	2 1/2"

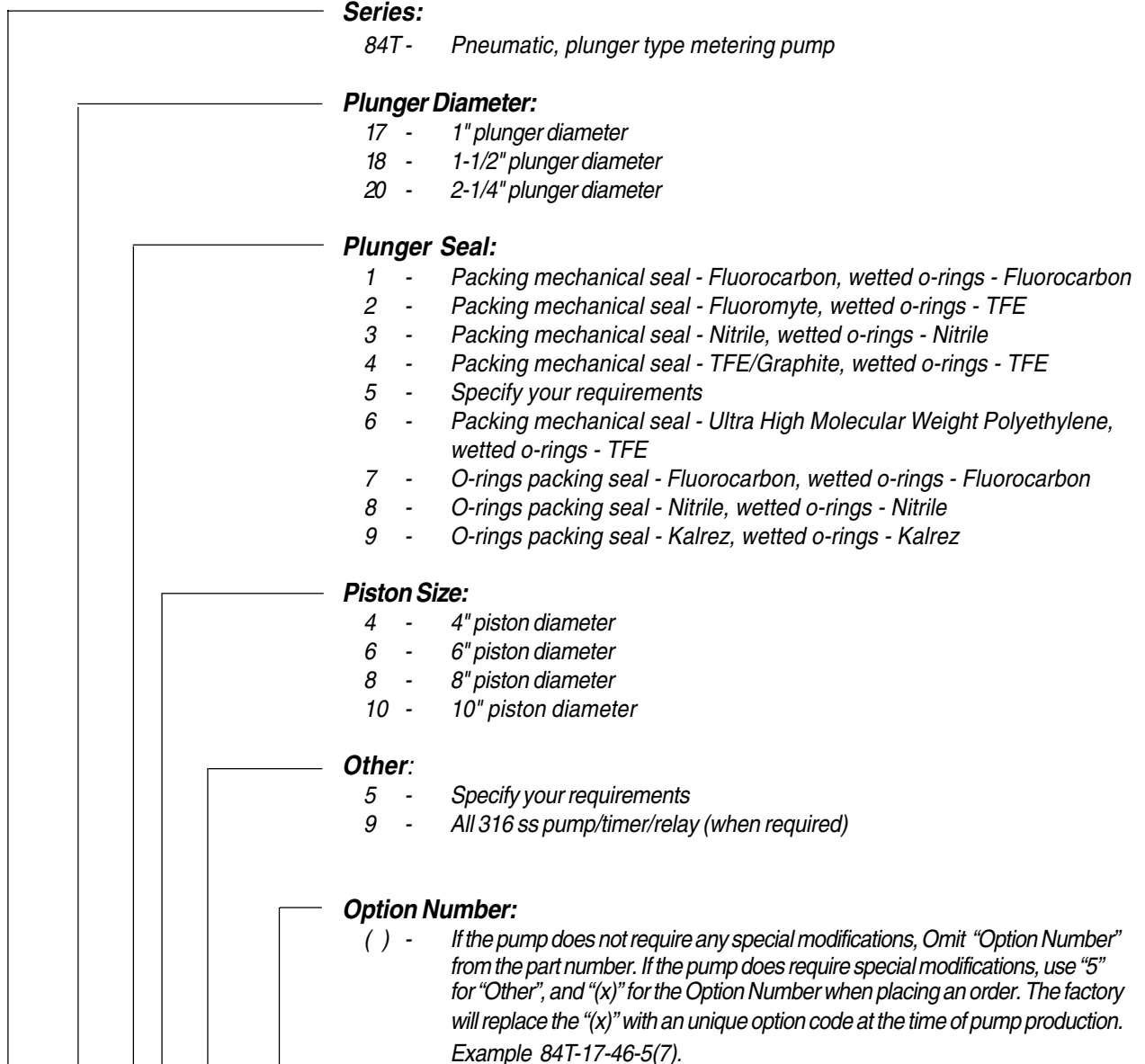
Notes:

- Maximum rates are based on maximum strokes per minute per pump.
- Minimum rates are calculated as follows:
1" plunger pumps are 1/4" stroke length and a minimum of 4 strokes per minute.
1-1/2" and 2-1/4" plunger pumps are 1/2" stroke length and a minimum of 4 strokes per minute.
- The timer supply pressure is 20 to 100 psi.
- The relay supply pressure range is 50 to 180 psi.
- When creating a Model Number using the Ordering Chart, the "x" in the Model Number column above will be replaced by a single digit representing the plunger seal selection. The plunger seal is shown in the Ordering Chart.

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P N E U M A T I C P L U N G E R

Ordering Chart: LINC 84T-17, 18 & 20 Series Pneumatic Plunger Metering Pump



LINC 84T-____-____-____ ()

Example: LINC 84T-17-46-6 Pneumatic Metering Pump