



## Transmissions - Light Duty - Eaton

### Light Duty Pump – Motor Combo Series

Model		Model 7	Model 11
<b>Max Displacement – Pump</b>	<i>cc/rev</i>	7.6	19.0
<b>Displacement – Motor</b>	<i>cc/rev</i>	12.6	34.2
<b>Max. Speed - Input</b>	<i>rpm</i>	3600	3600
<b>Max. Speed - Output</b>	<i>rpm</i>	0 - 2150	0 - 1950
<b>Max. Power – Input*</b>	<i>kW</i>	3	15
<b>Max. Torque – Output</b>	<i>Nm</i>	25	31
<b>Max. Operating Temperature</b>	<i>°C</i>	82	82

\* @ max continuous input speed

#### Model 7

Model	Rotation Input	Rotation Output	Input Shaft	Output Shaft	Dump Valve	List
700-001	CCW	CW	Parallel keyed	Parallel keyed	Yes	\$ 1917.00
700-003	CW	CCW	Parallel keyed	Parallel keyed	Yes	\$ 1917.00

#### Model 11

Model	Rotation Input	Input Shaft	Output Shaft	List
1100-005	CCW	Keyed, bearing	Keyed	\$ 2807.00
1100-030	CCW	Keyed, bush	12T 20/40P	\$ 2712.00
1100-038	CW	Keyed, bush	Keyed	\$ 2553.00
1100-048	CCW	Keyed, bearing	12T 20/40P	\$ 3051.00

- **Proper cooling is essential to both the performance and the life of these transmissions.**
- The recommended max. oil temperature is 82°C. A Ø205 mm fan must be attached to the coupling at the input shaft to blow air across the finned cover, or use an external oil cooler.

Fans		
106014-000	Light duty fan. CW - rotation	\$ 40.00

#### Model 7 & 11

##### Features & Benefits

- Consists of a variable displacement radial ball piston pump, a fixed displacement radial ball piston motor and a system of valves all contained in one housing.
- These transmissions give fast response and are capable of maintaining precise speed under varying load conditions.
- One lever controls direction and speed smoothly without gear change. This lever also provides braking. The output shaft speed decreases as the lever is moved toward neutral. With the lever in neutral, output stops.
- All-in-one design simplifies product by eliminating complex linkages, leaks from external lines, external high pressure lines and separate drive components.
- Model 7 expands on the Model 6 but delivers significant noise level reductions under high torque or load conditions. Rated to 3kW @ 3600 RPM input.
- Model 11 covers applications with engines rated at 7.5 – 15 kW, or electric motors up to 7.5 kW, each with max speeds up to 3,600 rpm.

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### Model 11 Pump

- Model 11 radial ball piston pump uses the same pumping element as the Model 11 hydrostatic transmission. Suitable for applications requiring variable flow in both directions up to 66.2 lpm.

Model		Model 11 Pump
<b>Max Displacement – Pump</b>	<i>cc/rev</i>	0 – 18.0
<b>Max. Speed</b>	<i>rpm</i>	3600
<b>Max. Operating Pressure</b>	<i>bar</i>	155
<b>Max. Power – Input*</b>	<i>kW</i>	15
<b>Norm. Charge Pump Flow**</b>	<i>lpm</i>	15
<b>Aux. Chg. Pump Pressure</b>	<i>bar</i>	35 (55 bar optional)

\* @ 3600 rpm

\*\* @ 3.4 bar and 3600 rpm

Model	Rotation	Input Shaft	Output Flow	Charge Pressure <i>bar</i>	List
1120-012	CCW*	Keyed, bearing	Bottom port B	55	\$ 2996.00
1120-013	CW*	Keyed, bearing	Top port A	55	\$ 2295.00
1120-016	CW	Keyed, bearing	Top port A	55	\$ 2234.00
1120-017	CCW	Keyed, bearing	Top port A	55	\$ 2234.00

\* Come with Acceleration valves

### Model 11 Pump

#### Description

- Even the smallest equipment requires reliable hydraulic systems. In order to reduce sensitivity to overheating, Eaton light-duty hydrostatic pumps feature a proven radial ball piston design. A perfect complement to the Eaton Char-Lynn® motor product line, these tough, reliable pumps ensure a smooth start on mobile equipment such as lawn tractors and concrete saws where operator comfort is key to productivity.

#### Features

- Ball piston design and aluminum cooling fins reduce overheating issues and possibly eliminate need for external coolers
- Available options include acceleration valves, wide band neutral and neutral detent features
- Advanced construction allows for reduced reservoir size