

## Eaton X3 back-to-back tandem pump



# Compact, accurate and reliable

*The X3 back-to-back tandem pump offers repeatable performance, reliability in a compact package and superior value.*



The Eaton X3 back-to-back pump is a compact solution for dual-path propel applications. Improving on length, width and height from the previous product generation, the X3 B2B pump enables placement in tight envelopes. The tandem pump features improved accuracy and reliability for use in harsh applications. As a new 41cc and 49cc displacement offering, the X3 B2B pump is ready to provide a high-value solution for your machine.

### Features and benefits:

#### Superior performance

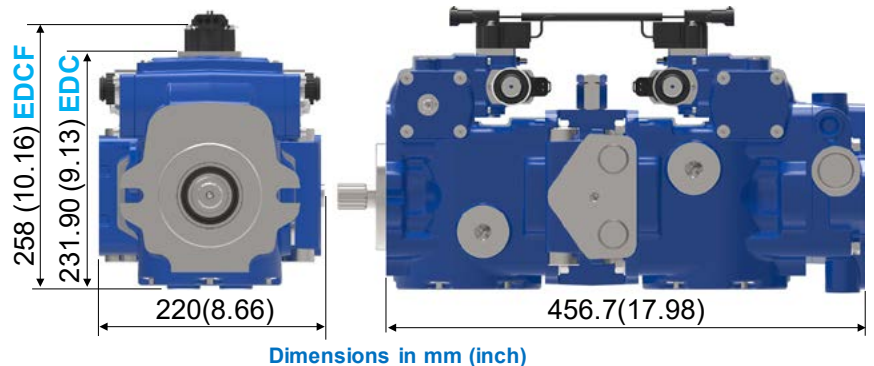
- 41cc and 49cc displacements
- Competitive packaging in its class
- Improved productivity with best-in-class accuracy

#### Dynamic control

- Pro-FX Ready EH integration
- Growing Pro-FX function block library
- Control redundancy option for reliability advantage

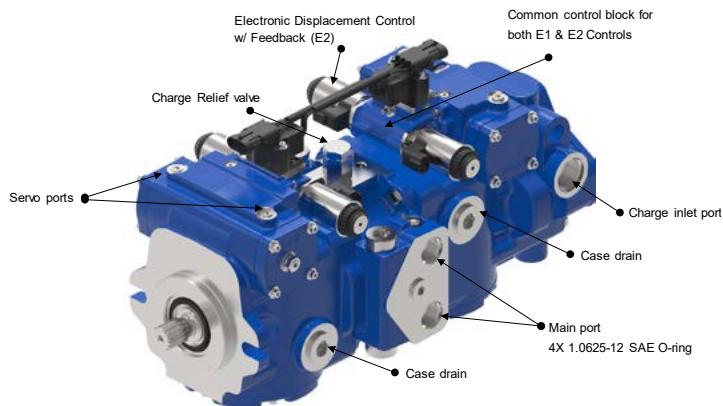
#### Designed for durability

- 36 percent increased side load over previous generation pump
- Proven rotating group
- Rugged design for accurate flow delivery in extreme applications



# EATON

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## Technical specifications

			41cc displacement	49cc displacement
<b>Rated size</b>	Maximum displacement	cm <sup>3</sup> /rev (in <sup>3</sup> /r)	40.6 (2.48)	49.2 (3.0)
<b>Mount</b>	Front mount flange	SAE	B	B
<b>Flow</b>	Flow @ rated speed & PSI	l/min (gal/min)	2X 122 (32.2)	2X 147.5 (38.95)
<b>Speed</b>	Maximum rated speed	rpm	3600	3600
<b>Pressure</b>	Nominal pressure rating*	bar (psi)	345 (5000)	345 (5000)
	Peak pressure rating**	bar (psi)	380 (5500)	380 (5500)
<b>Power</b>	Max input power (at nominal pressure and rated speed)	kw (HP)	84 (113)	102 (137)
	Max input torque	N-m (lbf-in)	338 (2991)	
	Continuous allowable case pressure	bar (psi)	1.72 (25)	1.72 (25)
	Maximum case drain temperature	°C (°F)	107 (225)	107 (225)
	Weight with charge pump	kg (lbs)	68.5 (151)	68.5 (151)
	Integral charge pump displacements	cm <sup>3</sup> /rev (in <sup>3</sup> /r)	17.2 (1.05)	17.2 (1.05)
	Input shafts		Splined	Splined
	Auxiliary mounting options-SAE		A Pad (9T, 11T), B Pad (13T)	A Pad (9T, 11T), B Pad (13T)***
Controls		Manual, EDC, EDCF	Manual, EDC, EDCF	
Main Ports - SAE O-ring, radial		Same side	Same side	

**Note:** \* Nominal pressure: Max. delta system pressure at which component fatigue does not occur (motor life estimated by bearing life)

\*\* Peak pressure: Max. operating pressure which is permissible for a short duration of time [t<1 sec]

\*\*\* Number available upon request

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