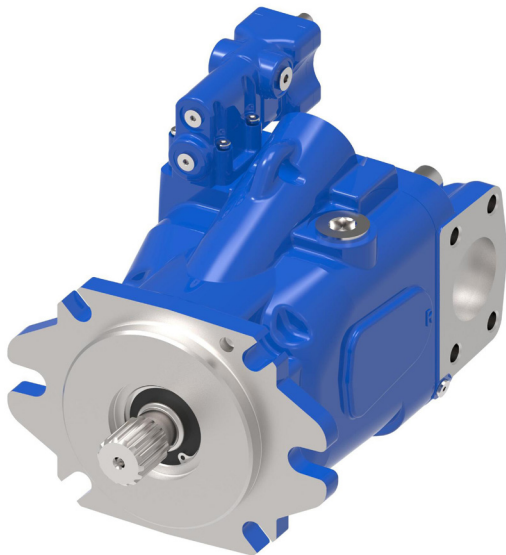


X20 Quick Facts

Medium pressure open circuit piston pump portfolio

Small pump.
Big power.



Eaton X20 open circuit piston pumps

Mobile equipment engineers around the world are experiencing increased power density made possible by [Eaton X20 open circuit piston pumps](#). The reliability, productivity and efficiency of these small, lightweight pumps makes them a heavyweight solution for a wide range of medium-pressure mobile applications operating in harsh environments.

Reliability and power in a compact package

Minimize downtime

- Simple design, fewer parts
- Longer pump life

Power efficiently

- Greater fuels savings
- Leak-free system

Increase productivity

- High pressure and flow capability
- High power density

EATON

Powering Business Worldwide

Key markets



Construction



Agriculture



Commercial vehicle



Material handling

220 Series

420 Series

620 Series



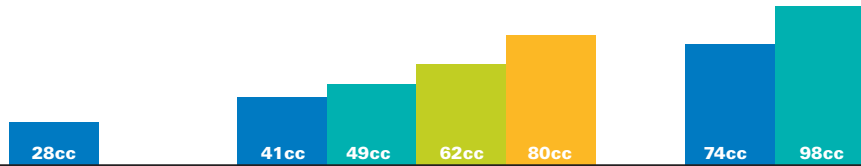
SAE B Mount



SAE B/C Mount



SAE C Mount

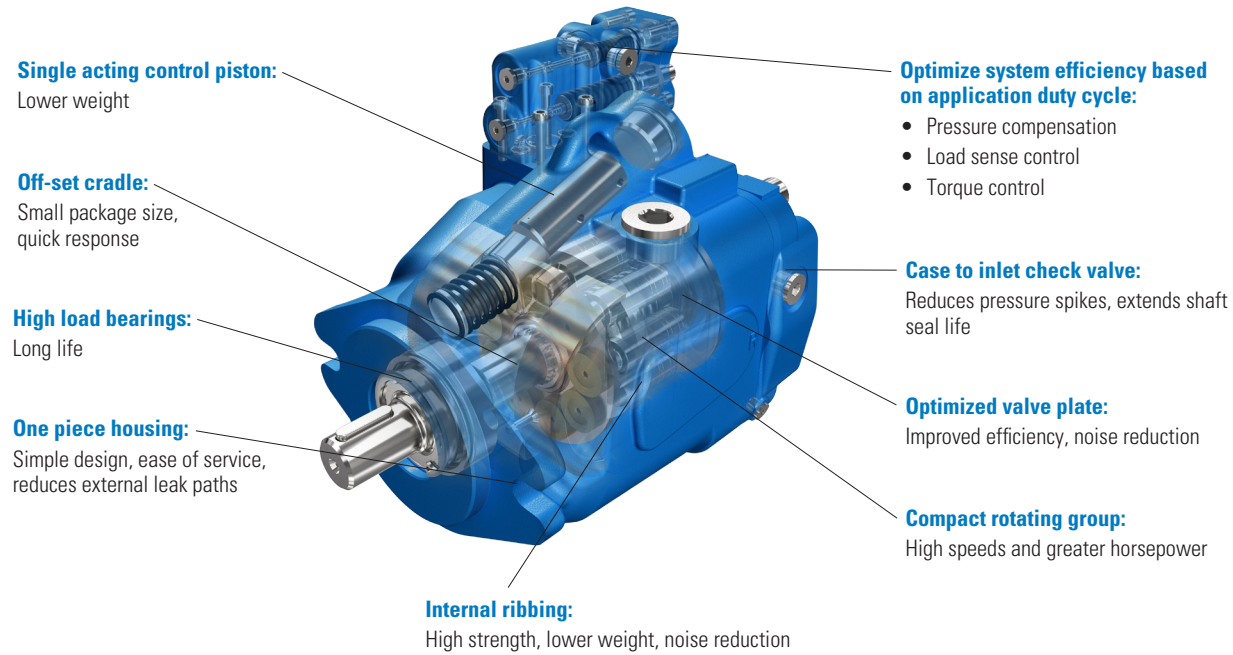


Available options

	28cc	41cc	49cc	62cc	80cc	74cc	98cc
Front mount and shaft							
2 Bolt B	✓	✓	✓	✓	✓		
2/4 Bolt C		✓	✓	✓	✓		
2 Bolt C		✓	✓	✓	✓		
4 Bolt C						✓	✓
Main ports							
Side Port	✓	✓	✓	✓	✓	✓	✓
Rear Port	✓	✓	✓	✓	✓	✓	✓
Aux mount and shaft							
2 Bolt A	✓	✓	✓	✓	✓	✓	✓
2 Bolt B	✓	✓	✓	✓	✓		
2/4 Bolt B						✓	✓
2/4 Bolt C						✓	✓
Controls							
Load sense and pressure control	✓	✓	✓	✓	✓	✓	✓
Pressure control only	✓	✓	✓	✓	✓	✓	✓
Remote pressure control	✓	✓	✓	✓	✓	✓	✓
Electronic displacement control	✓	✓	✓	✓	✓	✓	✓
Torque control	✓	✓	✓	✓	✓	✓	✓
Inverse proportional pressure control	✓	✓	✓	✓	✓	✓	✓
Diagnostic pressure ports	✓	✓	✓	✓	✓	✓	✓
Swash position sensor	✓	✓	✓	✓	✓	✓	✓
Cold start/ De-stroke valve	✓	✓	✓	✓	✓	✓	✓
External manual displacement limit adjustment	✓	✓	✓	✓	✓	✓	✓
ATEX certification	✓	✓	✓	✓	✓	✓	✓

Simple, compact design

Reliable and efficient



		Units	28cc	41cc	49cc	62cc	80cc	74cc	98cc
Theoretical displacement		cc/ rev	28	41	49.2	62.3	80	74	98
		ln3/ rev	1.71	2.5	3	3.8	4.88	4.54	5.98
Input standby speed	Minimum	rpm	500	600	600	600	600	600	600
	Rated*	rpm	3,000	2,650	2,650	2,600	2,200	2,400	2,200
	Maximum**	rpm	3,600	3,600	3,600	3,600	3,600	2,880	2,640
Maximum pressure		bar	350	350	350	350	250	350	350
		psi	5,076	5,076	5,076	5,076	3,625	5,076	5,076
Continuous pressure		bar	280	280	280	280	210	310	280
		psi	4,061	4,061	4,061	4,061	3,045	4,496	4,061
Theoretical flow at rated speed		lpm	101.1	108.6	130.2	162.0	176.0	178.7	215.7
		gpm	26.7	28.7	34.4	42.8	46.5	47.2	57
Theoretical input torque at max displacement		Nm	125	183	219	278	268	330	436
		ft-lb	92	135	162	205	198	243	322
Theoretical input power		kW	39.2	50.7	60.8	75.6	61.7	82.9	100.6
		HP	52.6	68.0	81.5	101.3	82.7	111.1	135.0
Size – with	Length	mm	187	230	230	230	230	274	288
Load sense pressure controller	Width	mm	134	150	150	150	150	198	198
	Height	mm	210	215	215	215	215	270	270

*at 1 bar absolute inlet pressure

**pump in standby (minimum displacement)

Need more power density for your construction, mining, agriculture, on-highway or other mobile application? Ask about the X20 experience and how it can help you lower maintenance and fuel costs, improve productivity and minimize downtime. For more information, visit www.eaton.com/X20 or www.eatonpowersource.com.

Eaton
Hydraulics Group USA
14615 Lone Oak Road
Eden Prairie, MN 55344
USA
Tel: 952-937-9800
Fax: 952-294-7722
www.eaton.com/hydraulics

Eaton
Hydraulics Group Europe
Route de la Longeraie 7
1110 Morges
Switzerland
Tel: +41 (0) 21 811 4600
Fax: +41 (0) 21 811 4601

Eaton
Hydraulics Group Asia Pacific
Eaton Building
4th Floor, No.7 Lane280 Linhong Rd.
Changning District
Shanghai 200335
China
Tel: (+86 21) 5200 0099
Fax: (+86 21) 2230 7240

© 2017 Eaton
All Rights Reserved
Printed in USA
Document No.: E-PUMC-BB001-E1
September 2017