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HYDRAULIC PUMPS & POWER UNITS

THE DURAPAC **PE-SERIES** POWER UNITS ARE DESIGNED FOR EXTENDED DUTY APPLICATIONS REQUIRING SUSTAINED RELIABLE HYDRAULIC POWER.

At the heart of every unit is a field proven pump body featuring precision machined components and advanced design. Single speed radial piston options up to 494.10 in³ offer reliable solutions to heavy duty applications while high performance automatic two speed pumps combine the best combination of speed and power. Split flow power units are ideal where synchronized lifting and lowering of loads are required regardless of weight distribution.



PEMS4054-440V



PEM8414-115V



PES1513-115V



PESR5554-440V

LOW VOLTAGE TRANSFORMER

powers the Remote Pendant

STEEL OIL RESERVOIR

for strength and durability

RESERVOIR SIGHT GAUGE

to monitor oil level

PRECISION PUMP

bodies available in a wide range of flow options including synchronized split flow

ELECTRIC INDUCTION MOTOR

options from 1-1/2 - 15 hp provide quite low rpm operation. 08 Series has universal motor for field use

DIRECTIONAL CONTROL VALVES

available in manual or solenoid versions to suit single and double acting cylinders

ADJUSTABLE PRESSURE RELIEF VALVE

is included on all models. Optional pilot checkplate is available on most models

REMOTE PENDANT CONTROL

with 13 ft cord is standard supply on all Power Units



MOTOR SIZE RANGE

1-1/8 - 15 hp

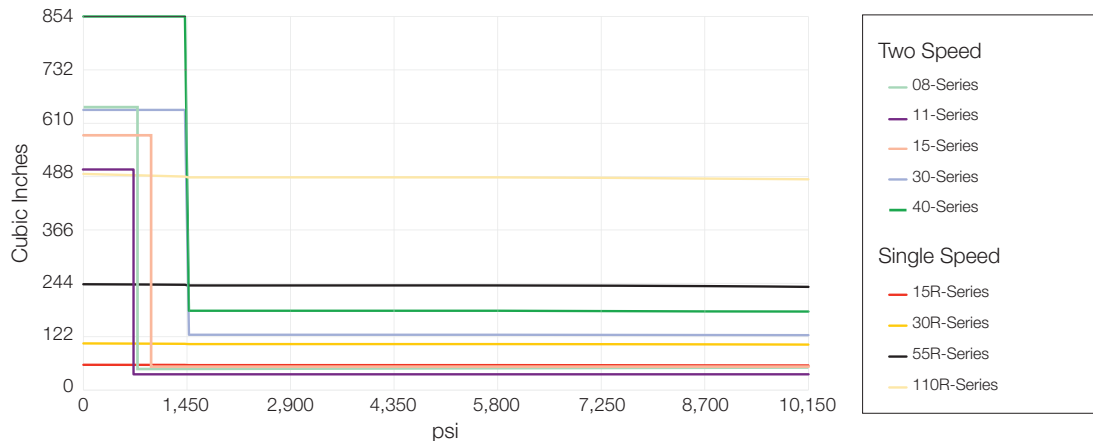
FLOW RANGE

39.65 - 494.10 in³@ 10,150 psi

MAXIMUM OPERATING PRESSURE

10,150 psi

PERFORMANCE TABLES



Model	Usable Oil (gal)	Pressure Stage	Flow (in³)	Piston Rod speed (inches) per second	Force (ton)													
					10	15	20	25	30	50	75	100	150	200	250	300	400	500
Two Speed																		
08 Series	1.9 - 5.3	1st	640.50		4.72	3.39	2.36	2.09	1.61	0.87	0.63	0.51	0.31	0.24	0.16	0.12	0.12	0.09
		2nd	54.90		0.39	0.30	0.21	0.18	0.14	0.07	0.06	0.04	0.03	0.02	0.02	0.01	0.01	0.01
11 Series	2.4	1st	500.20		3.74	2.64	1.85	1.61	1.30	0.71	0.51	0.39	0.28	0.20	0.15	0.12	0.09	0.07
		2nd	39.65		0.44	0.31	0.22	0.19	0.15	0.08	0.06	0.05	0.03	0.02	0.02	0.01	0.01	0.01
15 Series	2.6 - 5.3	1st	579.50		4.29	3.07	2.17	1.89	1.50	0.83	0.59	0.47	0.31	0.24	0.17	0.14	0.11	0.09
		2nd	67.10		0.51	0.36	0.25	0.22	0.17	0.09	0.07	0.06	0.04	0.03	0.02	0.02	0.01	0.01
30 Series	5.3 - 13.2	1st	640.50		4.76	3.39	2.40	2.09	1.65	0.91	0.67	0.51	0.35	0.26	0.19	0.15	0.12	0.09
		2nd	128.10		0.94	0.67	0.47	0.43	0.33	0.18	0.13	0.10	0.07	0.05	0.04	0.03	0.02	0.02
40 Series	5.3 - 13.2	1st	854.00		6.34	4.53	3.19	2.76	2.20	1.18	0.91	0.71	0.47	0.35	0.25	0.20	0.17	0.13
		2nd	183.00		1.38	0.98	0.67	0.59	0.47	0.26	0.19	0.15	0.10	0.07	0.06	0.04	0.04	0.03
Single Speed																		
15R Series	5.3	1st	57.95		0.43	0.31	0.22	0.19	0.15	0.08	0.06	0.05	0.03	0.02	0.02	0.01	0.01	0.01
30R Series	5.3	1st	106.75	0.79	0.55	0.39	0.35	0.27	0.15	0.11	0.09	0.06	0.04	0.03	0.02	0.02	0.02	
55R Series	13.2	1st	242.17	1.81	1.30	0.91	0.79	0.63	0.34	0.26	0.20	0.13	0.10	0.07	0.06	0.05	0.04	
110R Series	26.4	1st	494.10	3.66	2.64	1.85	1.61	1.26	0.71	0.51	0.39	0.27	0.20	0.15	0.12	0.09	0.07	
4 Way Split Flow Series	-	-	-	Consult Durapac														

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HYDRAULIC PUMPS & POWER UNITS

THE **DURAPAC AUTO TWO SPEED** POWER UNIT RANGE OFFER HIGH PERFORMANCE FLOW COMBINATIONS FOR APPLICATIONS REQUIRING SPEED AND POWER.

The single phase 08 Series Power Unit has a universal motor and is ideal for field use with generators. Standard supply includes roll frame and 2.48 in diameter pressure gauge. Castor wheels are supplied as standard for power units with 5.3 gal oil tanks. All power units have an externally adjustable pressure relief valve and offer a range of directional control valve options to operate single and double acting cylinders and tools. The models with "-NV" suffix include an integrated needle valve to lower the 'A' port pressure in a controlled manner. Making it suitable for prestressing and post-tensioning applications.



PEM8423-115V



Needle Valve Block



Optional DURAJET for fast retraction of load return cylinders. Consult Durapac



Model No.	Flow Rate (in³)		Pressure Rating (psi)		Used with Cyl.	Motor (hp)	Voltage† (1 Ph.)	Hz	Amps	Remote Pendant Function 13 ft	Valve Type (3/8"-NPTF Ports)	Usable Oil Cap. (gal)	Dry Weight (lbs)	Dimensions W x L x H (in)
	1st Stage	2nd Stage	1st Stage	2nd Stage										
08 SERIES														
PEM8413-115V	640.50	54.90	725	10,150	S/A	1-1/8	115	50/60	20	MOTOR ON/OFF	3w/3p Manual	1.9	55.0	12.60 x 15.75 x 22.24
PEM8414-115V	640.50	54.90	725	10,150	D/A	1-1/8	115	50/60	20	MOTOR ON/OFF	4w/3p Manual	1.9	55.0	12.60 x 15.75 x 22.24
PEM8414-NV-115V	640.50	54.90	725	10,150	D/A	1-1/8	115	50/60	20	MOTOR ON/OFF	4w/3p Manual	1.9	55.0	12.60 x 15.75 x 22.24
PEM8423-115V	640.50	54.90	725	10,150	S/A	1-1/8	115	50/60	20	MOTOR ON/OFF	3w/3p Manual	5.3	90.2	14.49 x 19.29 x 28.15
PEM8424-115V	640.50	54.90	725	10,150	D/A	1-1/8	115	50/60	20	MOTOR ON/OFF	4w/3p Manual	5.3	90.2	14.49 x 19.29 x 28.15
PEM8424-NV-115V	640.50	54.90	725	10,150	D/A	1-1/8	115	50/60	20	MOTOR ON/OFF	4w/3p Manual	5.3	90.2	14.49 x 19.29 x 28.15
PES8413-115V	640.50	54.90	725	10,150	S/A	1-1/8	115	50/60	20	MOTOR ON/OFF	3w/3p Solenoid	1.9	59.4	12.60 x 15.75 x 22.24
PES8414-115V	640.50	54.90	725	10,150	D/A	1-1/8	115	50/60	20	MOTOR ON/OFF	4w/3p Solenoid	1.9	59.4	12.60 x 15.75 x 22.24
PES8423-115V	640.50	54.90	725	10,150	S/A	1-1/8	115	50/60	20	MOTOR ON/OFF	3w/3p Solenoid	5.3	94.6	14.49 x 19.29 x 28.15
PES8424-115V	640.50	54.90	725	10,150	D/A	1-1/8	115	50/60	20	MOTOR ON/OFF	4w/3p Solenoid	5.3	94.6	14.49 x 19.29 x 28.15

† Standard motor supplied is 230V, 10A, should 230V, 10A be required; remove "-115V" suffix from the model number, eg. "PEM8423"

THE **SINGLE PHASE 11 SERIES** POWER UNIT HAS AN INDUCTION MOTOR WHICH IS QUIET IN OPERATION (APPROX. 80 DBA @ FULL PRESSURE) AND IDEALLY SUITED TO INDOOR APPLICATIONS.

Power Units are available with Manual or Solenoid valves to control both single and double acting cylinders and tools.



PES1113



PEM1114

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To order the optional Roll Frame & Wheel Set: Add Item **"DPFABUND"** when ordering an 11 Series power unit



MOTOR SIZE RANGE

1-1/8 - 1-1/2 hp

FLOW RANGE

**39.65 - 54.90 in³@
10,150 psi**

MAXIMUM OPERATING PRESSURE

10,150 psi

Model No.	Flow Rate (in³)		Pressure Rating (psi)		Used with Cyl.	Motor (hp)	Voltage (1 Ph.)	Hz	Amps	Usable Oil Cap. (gal)	Remote Pendant Function 13 ft	Dry Weight (lbs)	Dimensions W x L x H (in)
	1st Stage	2nd Stage	1st Stage	2nd Stage									
11 SERIES													
PEM1113	500.20	39.65	725	10,150	S/A	1-1/2	220	50/60	8.3	2.3	MOTOR ON/OFF	81.4	12.21 x 21.65 x 19.69
PEM1114	500.20	39.65	725	10,150	D/A	1-1/2	220	50/60	8.3	2.3		81.4	12.21 x 21.65 x 19.69
PES1113	500.20	39.65	725	10,150	S/A	1-1/2	220	50/60	8.3	2.3	SOLENOID ADV/ HOLD/RETRACT	81.4	12.21 x 21.65 x 19.69
PES1114	500.20	39.65	725	10,150	D/A	1-1/2	220	50/60	8.3	2.3		83.6	12.21 x 21.65 x 19.69

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HYDRAULIC PUMPS & POWER UNITS



PES1513-115V

THE **DURAPAC AUTO TWO SPEED** POWER UNIT RANGE OFFER HIGH PERFORMANCE FLOW COMBINATIONS FOR APPLICATIONS REQUIRING SPEED AND POWER.

Single phase 2 hp 115 Volt versions operate on a standard 20 amp power source and provide high flows in a portable package. Three phase 4 and 5-1/2 hp 440 - 480 Volt versions are ideal for operating medium to large tonnage cylinders and systems. All power units have an externally adjustable pressure relief valve and offer a range of directional control valve options to operate single and double acting cylinders and tools. An optional sub-plate style pilot check valve is also available.



Australian designed and built



To order the optional Roll Frame & Wheel Set: Add Item **"DPFABUND"** when ordering a 15 Series power unit



4 WAY MANUAL VALVE



4 Way/3 Position directional control valve for controlling double acting cylinders.

3 WAY MANUAL VALVE



3 Way/3 Position directional control valve for controlling single acting cylinders.

3 & 4 WAY SOLENOID VALVE



3 and 4 Way/3 Position directional control valve for remote actuation of cylinders.

Model No.	Flow Rate (in³)		Pressure Rating (psi)		Used with Cyl.	Motor (hp)	Voltage (1 Ph.)	Hz	Amps	Remote Pendant Function 13 ft	Valve Type (3/8"-NPTF Ports)	Usable Oil Cap. (gal)	Dry Weight (lbs)	Dimensions W x L x H (in)
	1st Stage	2nd Stage	1st Stage	2nd Stage										
15 SERIES														
PEM1513-115V	579.50	67.10	950	10,150	S/A	2	115	60	17.9	MOTOR ON/OFF	3w/3p Manual	2.6	101.2	10.63 x 16.14 x 22.24
PEM1523-115V	579.50	67.10	950	10,150	S/A	2	115	60	17.9		3w/3p Manual	5.2	116.6	12.60 x 17.72 x 23.82
PEM1514-115V	579.50	67.10	950	10,150	D/A	2	115	60	17.9		4w/3p Manual	2.6	101.2	10.63 x 16.14 x 22.24
PEM1524-115V	579.50	67.10	950	10,150	D/A	2	115	60	17.9		4w/3p Manual	5.2	116.6	12.60 x 17.72 x 23.82
PES1513-115V*	579.50	67.10	950	10,150	S/A	2	115	60	17.9	SOLENOID ADV/HOLD/ RETRACT	3w/3p Solenoid	2.6	129.8	10.63 x 16.14 x 22.24
PES1523-115V*	579.50	67.10	950	10,150	S/A	2	115	60	17.9		3w/3p Solenoid	5.2	127.6	12.60 x 17.72 x 23.82
PES1514-115V*	579.50	67.10	950	10,150	D/A	2	115	60	17.9		4w/3p Solenoid	2.6	112.2	10.63 x 16.14 x 22.24
PES1524-115V*	579.50	67.10	950	10,150	D/A	2	115	60	17.9		4w/3p Solenoid	5.2	127.6	12.60 x 17.72 x 23.82

* To order the **wireless remote version**, add suffix **"-WR"** to the model number, eg. "PES1524-115V-WR"

† Standard motor supplied is **230V, 10A**, should 230V, 10A be required; remove **"-115V"** suffix from the model number, eg. "PES1513"



PES3054-440V-WR with optional wireless remote



Australian designed and built



PEM4054-440V

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To order the optional Roll Frame & Wheel Set:
Add Item **"DPFABUND"** when ordering a power unit with a 5.2 gal Oil Reservoir
Add Item **"DPFA60"** when ordering a power unit with a 13 gal Oil Reservoir



MOTOR SIZE RANGE

2 - 5-1/2 hp

FLOW RANGE

**67.1 - 183 in³@
10,150 psi**

MAXIMUM OPERATING PRESSURE

10,150 psi

Model No.	Flow Rate (in³)		Pressure Rating (psi)		Used with Cyl.	Motor (hp)	Voltage† (3 Ph.)	Hz	Amps	Remote Pendant Function 13 ft	Valve Type (3/8"-NPTF Ports)	Usable Oil Cap. (gal)	Dry Weight (lbs)	Dimensions W x L x H (in)
	1st Stage	2nd Stage	1st Stage	2nd Stage										
30 SERIES														
PEM3023-440V	640.50	128.10	1,450	10,150	S/A	4	440-480	60	6.3	ON/OFF/JOG	3w/3p Manual	5.2	156.2	12.60 x 17.72 x 22.05
PEM3053-440V	640.50	128.10	1,450	10,150	S/A	4	440-480	60	6.3		3w/3p Manual	13.0	171.6	20.87 x 33.66 x 25.20
PEM3024-440V	640.50	128.10	1,450	10,150	D/A	4	440-480	60	6.3		4w/3p Manual	5.2	156.2	12.60 x 17.72 x 22.05
PEM3054-440V	640.50	128.10	1,450	10,150	D/A	4	440-480	60	6.3		4w/3p Manual	13.0	220.0	20.87 x 33.66 x 25.20
PES3023-440V*	640.50	128.10	1,450	10,150	S/A	4	440-480	60	6.3	SOLENOID ADV/HOLD/ RETRACT	3w/3p Solenoid	5.2	169.4	12.60 x 17.72 x 22.05
PES3053-440V*	640.50	128.10	1,450	10,150	S/A	4	440-480	60	6.3		3w/3p Solenoid	13.0	184.8	20.87 x 33.66 x 25.20
PES3024-440V*	640.50	128.10	1,450	10,150	D/A	4	440-480	60	6.3		4w/3p Solenoid	5.2	169.4	12.60 x 17.72 x 22.05
PES3054-440V*	640.50	128.10	1,450	10,150	D/A	4	440-480	60	6.3		4w/3p Solenoid	13.0	184.8	20.87 x 33.66 x 25.20
40 SERIES														
PEM4023-440V	854.00	183.00	1,595	10,150	S/A	5-1/2	440-480	60	8.85	ON/OFF/JOG	3w/3p Manual	5.2	176.0	12.60 x 17.72 x 22.05
PEM4053-440V	854.00	183.00	1,595	10,150	S/A	5-1/2	440-480	60	8.85		3w/3p Manual	13.0	191.4	20.87 x 33.66 x 25.20
PEM4024-440V	854.00	183.00	1,595	10,150	D/A	5-1/2	440-480	60	8.85		4w/3p Manual	5.2	176.0	12.60 x 17.72 x 22.05
PEM4054-440V	854.00	183.00	1,595	10,150	D/A	5-1/2	440-480	60	8.85		4w/3p Manual	13.0	191.4	20.87 x 33.66 x 25.20
PES4023-440V*	854.00	183.00	1,595	10,150	S/A	5-1/2	440-480	60	8.85	SOLENOID ADV/HOLD/ RETRACT	3w/3p Solenoid	5.2	189.2	12.60 x 17.72 x 22.05
PES4053-440V*	854.00	183.00	1,595	10,150	S/A	5-1/2	440-480	60	8.85		3w/3p Solenoid	13.0	204.6	20.87 x 33.66 x 25.20
PES4024-440V*	854.00	183.00	1,595	10,150	D/A	5-1/2	440-480	60	8.85		4w/3p Solenoid	5.2	189.2	12.60 x 17.72 x 22.05
PES4054-440V*	854.00	183.00	1,595	10,150	D/A	5-1/2	440-480	60	8.85		4w/3p Solenoid	13.0	204.6	20.87 x 33.66 x 25.20

** To order the wireless remote version, add suffix "-WR" to the model number, eg. "PES4053-440V-WR"

† Standard motor supply is 400V, 50A should 400V, 50A be required; remove suffix "-440V" from the model number, eg. "PEM3024"



Australian designed
and built

PESR5554-440V

THE **SINGLE SPEED** RADIAL PISTON POWER UNITS OFFER A RANGE OF FLOW AND POWER OPTIONS TO SUIT MANY INDUSTRIAL APPLICATIONS.

These power units are suitable for heavy duty applications and offer flows from 57.95 in³ to 494.10 in³ at 10,150 psi pressure. Valve options for operating single and double acting cylinders are available in manual or solenoid control.



To order the optional Roll Frame & Wheel Set:
Add Item **"DPFABUND"** when ordering a power unit with a 5.2 gal Oil Reservoir
Add Item **"DPFA60"** when ordering a power unit with a 13 gal or 26 gal Oil Reservoir



4 WAY MANUAL VALVE



4 Way/3 Position directional control valve for controlling double acting cylinders.

3 WAY MANUAL VALVE



3 Way/3 Position directional control valve for controlling single acting cylinders.

3 & 4 WAY SOLENOID VALVE



3 and 4 Way/3 Position directional control valve for remote actuation of cylinders.

Model No.	Flow Rate (in³)	Pressure Rating (psi)	Used with Cyl.	Motor (hp)	Voltage	Hz	Amps	Remote Pendant Function 13 ft	Valve Type	Usable Oil Cap. (gal)	Dry Weight (lbs)	Dimensions W x L x H (in)
15 SERIES												
PEMR1523-115V	57.95	10,150	S/A	2	115 / 1 Ph.	60	17.9	MOTOR ON/OFF	3w/3p Manual	5.2	116.6	12.60 x 17.72 x 22.05
PEMR1524-115V	57.95	10,150	D/A	2	115 / 1 Ph.	60	17.9		4w/3p Manual	5.2	116.6	12.60 x 17.72 x 22.05
PESR1523-115V^	57.95	10,150	S/A	2	115 / 1 Ph.	60	17.9	SOLENOID ADV/HOLD/RETRACT	3w/3p Solenoid	5.2	129.8	12.60 x 17.72 x 22.05
PESR1524-115V^	57.95	10,150	D/A	2	115 / 1 Ph.	60	17.9		4w/3p Solenoid	5.2	129.8	12.60 x 17.72 x 22.05
30 SERIES												
PEMR3023-440V	106.75	10,150	S/A	4	440-480 [†] / 3 Ph.	60	6.3	ON/OFF/JOE	3w/3p Manual	5.2	121.0	12.60 x 17.72 x 22.05
PEMR3024-440V	106.75	10,150	D/A	4	440-480 [†] / 3 Ph.	60	6.3		4w/3p Manual	5.2	121.0	12.60 x 17.72 x 22.05
PESR3023-440V^	106.75	10,150	S/A	4	440-480 [†] / 3 Ph.	60	6.3	SOLENOID ADV/HOLD/RETRACT	3w/3p Solenoid	5.2	134.2	12.60 x 17.72 x 22.05
PESR3024-440V^	106.75	10,150	D/A	4	440-480 [†] / 3 Ph.	60	6.3		4w/3p Solenoid	5.2	134.2	12.60 x 17.72 x 22.05
55 SERIES												
PEMR5553-440V	242.17	10,150	S/A	7-1/2	440-480 [†] / 3 Ph.	60	11.3	ON/OFF/JOE	3w/3p Manual	13.0	217.8	20.87 x 33.66 x 29.53
PEMR5554-440V	242.17	10,150	D/A	7-1/2	440-480 [†] / 3 Ph.	60	11.3		4w/3p Manual	13.0	217.8	20.87 x 33.66 x 29.53
PESR5553-440V^	242.17	10,150	S/A	7-1/2	440-480 [†] / 3 Ph.	60	11.3	SOLENOID ADV/HOLD/RETRACT	3w/3p Solenoid	13.0	231.0	20.87 x 33.66 x 29.53
PESR5554-440V^	242.17	10,150	D/A	7-1/2	440-480 [†] / 3 Ph.	60	11.3		4w/3p Solenoid	13.0	231.0	20.87 x 33.66 x 29.53
110 SERIES												
PEMR11103-440V	494.10	10,150	S/A	15	440-480 [†] / 3 Ph.	60	19.8	*	3w/3p Manual	26.0	*	*
PEMR11104-440V	494.10	10,150	D/A	15	440-480 [†] / 3 Ph.	60	19.8	*	4w/3p Manual	26.0	*	*
PESR11103-440V^	494.10	10,150	S/A	15	440-480 [†] / 3 Ph.	60	19.8	SOLENOID ADV/HOLD/RETRACT	3w/3p Solenoid	26.0	*	*
PESR11104-440V^	494.10	10,150	D/A	15	440-480 [†] / 3 Ph.	60	19.8		4w/3p Solenoid	26.0	*	*

[^] To order the **wireless remote version**, add suffix **"-WR"** to the model number, eg. "PESR11103-440V-WR"

[†] Standard motor supply is **400V, 50A** should 400V, 50A be required; remove suffix **"-440V"** from the model number, eg. "PEMR5553"

* Consult Durapac

THE **SPLIT FLOW** POWER UNIT OFFER SYNCHRONIZED LIFTING AND LOWERING OF LOADS REGARDLESS OF WEIGHT DISTRIBUTION.

Power is provided by a single electric motor to a single pump body incorporating 4 pressure outlets. Oil flow per outlet is identical for each revolution of the electric motor. The split flow power unit provides a simple effective solution to critical lifting and lowering applications. Manual valve options for double acting cylinders are standard and solenoid control is optional. Durapac also offer other split combinations such as 2 way, 6 way and 8 way.



PEMS4054-440V



MOTOR SIZE RANGE

2 - 15 hp

FLOW RANGE

**14.03 - 494.10 in³@
10,150 psi**

MAXIMUM OPERATING PRESSURE

10,150 psi



All models
(excluding 78 gal)
include a roll frame
and wheel set



Australian designed
and built

Model No.	Flow Rate (in ³)	Pressure Rating (psi)	Used with Cyl.	Motor (hp)	Voltage	Hz	Amps	Pendant Control	Valve Type	Usable Oil Cap. (gal)	Dry Weight (lbs)	Dimensions W x L x H (in)
SPLIT FLOW SERIES												
PEMS1554-115V	4 x 14.03	10,150	D/A	2	115 / 1 Ph.	60	8.30	ON/OFF/ JOG	4w/3p Manual	13.0	374.0	20.87 x 33.66 x 27.95
PEMS4054-440V	4 x 44.53	10,150	D/A	5-1/2	440-480 [†] / 3 Ph.	60	8.85		4w/3p Manual	13.0	396.0	20.87 x 33.66 x 27.95
PEMS40104-440V	4 x 44.53	10,150	D/A	5-1/2	440-480 [†] / 3 Ph.	60	8.85		4w/3p Manual	26.0	418.0	20.87 x 33.66 x 27.95
PEMS7554-440V	4 x 69.54	10,150	D/A	10	440-480 [†] / 3 Ph.	60	15.00 [^]		4w/3p Manual	13.0	462.0	20.87 x 33.66 x 35.43
PEMS75104-440V	4 x 69.54	10,150	D/A	10	440-480 [†] / 3 Ph.	60	15.00 [^]		4w/3p Manual	26.0	484.0	20.87 x 33.66 x 35.43
PEMS75304-440V	4 x 69.54	10,150	D/A	10	440-480 [†] / 3 Ph.	60	15.00 [^]		4w/3p Manual	78.0	594.0	44.09 x 47.64 x 32.28

[^] Fitted with a soft start motor starter

[†] Standard motor supply is 400V, 50A should 400V, 50A be required; remove suffix "-440V" from the model number, eg. "PEMS4054"