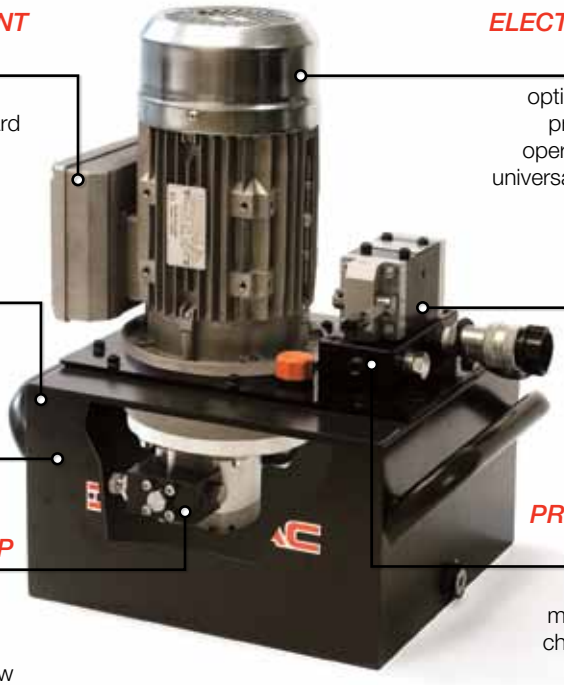
THE DURAPAC *PE-SERIES* POWER UNITS ARE DESIGNED FOR EXTENDED DUTY APPLICATIONS REQUIRING SUSTAINED RELIABLE HYDRAULIC POWER.

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 8.1 Lpm 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 synchronised lifting and lowering of loads is required regardless of weight distribution.

PEMS4054

PEM8414

PEM1513



REMOTE PENDANT CONTROL
through a 24 Volt transformer is standard supply on 0.84, 1.5 kW and all solenoid power units

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 synchronised split flow

ELECTRIC INDUCTION MOTOR
options from 1.5-11 kW 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

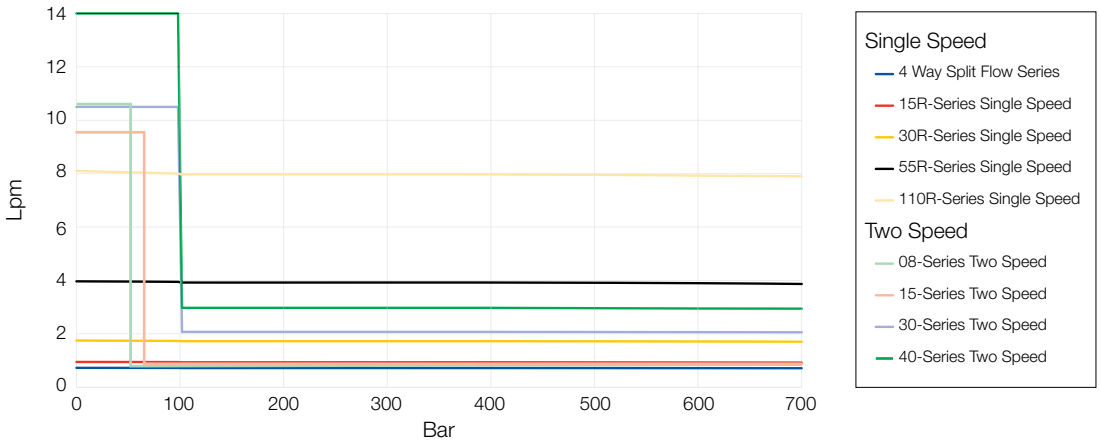
ADJUSTABLE PRESSURE RELIEF VALVE
is included on all models. Optional pilot checkplate is available on most models

MOTOR SIZE
0.84 - 11 kW

FLOW
0.73 - 8.1 Lpm@700 bar

MAXIMUM OPERATING PRESSURE
700 bar

PERFORMANCE TABLES



Model	Usable Oil (L)	Pressure Stage	Flow (Lpm)	Force (ton)													
				Piston Rod speed (mm) per second													
				10	15	20	25	30	50	75	100	150	200	250	300	400	500
Single Speed																	
4 Way Split Flow Series	50	1st	4 x 0.73	8.4	6.0	4.2	3.7	2.9	1.6	1.2	0.9	0.6	0.5	0.3	0.3	0.2	0.2
15R Series - Single Speed	20	1st	0.95	11	7.8	5.5	4.8	3.8	2.1	1.5	1.2	0.8	0.6	0.4	0.3	0.3	0.2
30R Series - Single Speed	20	1st	1.75	20	14	10	8.8	6.9	3.8	2.8	2.2	1.5	1.1	0.8	0.6	0.5	0.4
55R Series - Single Speed	50	1st	3.97	46	33	23	20	16	8.6	6.5	5.0	3.3	2.5	1.8	1.5	1.2	0.9
110R Series - Single Speed	100	1st	8.10	93	67	47	41	32	18	13	10	6.8	5.1	3.7	3.0	2.4	1.8
Two Speed																	
08 Series - Two Speed	7 - 20	1st	10.5	120	86	60	53	41	22	16	13	8.0	6.0	4.0	3.0	3.0	2.3
		2nd	0.9	10	7.5	5.3	4.5	3.6	1.9	1.5	1.1	0.7	0.5	0.4	0.3	0.2	0.2
15 Series - Two Speed	10 - 20	1st	9.5	109	78	55	48	38	21	15	12	8.0	6.0	4.3	3.5	2.8	2.2
		2nd	1.1	13	9.1	6.4	5.5	4.4	2.4	1.8	1.4	0.9	0.7	0.5	0.4	0.3	0.3
30 Series - Two Speed	20 - 50	1st	10.50	121	86	61	53	42	23	17	13	8.8	6.6	4.8	3.8	3.1	2.4
		2nd	2.10	24	17	12	11	8.3	4.5	3.4	2.6	1.8	1.3	1.0	0.8	0.6	0.5
40 Series - Two Speed	20 - 50	1st	14.00	161	115	81	70	56	30	23	18	12	8.8	6.4	5.1	4.2	3.2
		2nd	3.00	35	25	17	15	12	6.5	4.9	3.8	2.5	1.9	1.4	1.1	0.9	0.7

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

Single phase 08 Series has a universal motor and are ideal for field use with generators. Single phase 1.5 kW versions operate on a standard 10 amp power source and provide high flows in a portable package. Three phase 3 and 4 kW, 415 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.

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 (Lpm)		Pressure Rating (bar)		Motor kW	Voltage (50 Hz)	Amps	Remote Pendant Function 4 mtr	Valve Type (3/8" NPTF Ports) Sol.= Solenoid Man.= Manual	Usable Oil Cap. (L)	Approx. Dry Weight (kg)	Approx Dimensions (mm)
	1st Stage	2nd Stage	1st Stage	2nd Stage								
08 SERIES												
PEM8414^	10.5	0.9	50	700	0.84	240	10.0	MOTOR ON/OFF	4w/3p Man.	7	25	320 W x 400 L x 565 H
PEM8424^	10.5	0.9	50	700	0.84	240	10.0	MOTOR ON/OFF	4w/3p Man.	20	41	368 W x 490 L x 715 H
15 SERIES												
PEM1513	9.5	1.1	65	700	1.5	240	8.3	MOTOR ON/OFF	3w/3p Man.	10	46	270 W x 410 L x 565 H
PEM1523	9.5	1.1	65	700	1.5	240	8.3		3w/3p Man.	20	53	300 W x 450 L x 605 H
PEM1514	9.5	1.1	65	700	1.5	240	8.3		4w/3p Man.	10	46	270 W x 410 L x 565 H
PEM1524	9.5	1.1	65	700	1.5	240	8.3		4w/3p Man.	20	53	300 W x 450 L x 605 H
PES1513	9.5	1.1	65	700	1.5	240	8.3	SOLENOID ADV/HOLD/ RETRACT	3w/3p Sol.	10	51	270 W x 410 L x 565 H
PES1523	9.5	1.1	65	700	1.5	240	8.3		3w/3p Sol.	20	58	300 W x 450 L x 605 H
PES1514	9.5	1.1	65	700	1.5	240	8.3		4w/3p Sol.	10	51	270 W x 410 L x 565 H
PES1524	9.5	1.1	65	700	1.5	240	8.3		4w/3p Sol.	20	58	300 W x 450 L x 605 H
30 SERIES												
PEM3023	10.5	2.1	100	700	3.0	415	6.3	*	3w/3p Man.	20	71	320 W x 450 L x 560 H
PEM3053	10.5	2.1	100	700	3.0	415	6.3	*	3w/3p Man.	50	78	440 W x 750 L x 680 H
PEM3024	10.5	2.1	100	700	3.0	415	6.3	*	4w/3p Man.	20	71	320 W x 450 L x 560 H
PEM3054	10.5	2.1	100	700	3.0	415	6.3	*	4w/3p Man.	50	78	440 W x 750 L x 680 H
PES3023	10.5	2.1	100	700	3.0	415	6.3	SOLENOID ADV/HOLD/ RETRACT	3w/3p Sol.	20	77	320 W x 450 L x 560 H
PES3053	10.5	2.1	100	700	3.0	415	6.3		3w/3p Sol.	50	84	440 W x 750 L x 680 H
PES3024	10.5	2.1	100	700	3.0	415	6.3		4w/3p Sol.	20	77	320 W x 450 L x 560 H
PES3054	10.5	2.1	100	700	3.0	415	6.3		4w/3p Sol.	50	84	440 W x 750 L x 680 H
40 SERIES												
PEM4023	14.0	3.0	110	700	4.0	415	8.85	*	3w/3p Man.	20	80	320 W x 450 L x 590 H
PEM4053	14.0	3.0	110	700	4.0	415	8.85	*	3w/3p Man.	50	87	440 W x 750 L x 710 H
PEM4024	14.0	3.0	110	700	4.0	415	8.85	*	4w/3p Man.	20	80	320 W x 450 L x 590 H
PEM4054	14.0	3.0	110	700	4.0	415	8.85	*	4w/3p Man.	50	87	440 W x 750 L x 710 H
PES4023	14.0	3.0	110	700	4.0	415	8.85	SOLENOID ADV/HOLD/ RETRACT	3w/3p Sol.	20	86	320 W x 450 L x 590 H
PES4053	14.0	3.0	110	700	4.0	415	8.85		3w/3p Sol.	50	93	440 W x 750 L x 710 H
PES4024	14.0	3.0	110	700	4.0	415	8.85		4w/3p Sol.	20	86	320 W x 450 L x 590 H
PES4054	14.0	3.0	110	700	4.0	415	8.85		4w/3p Sol.	50	93	440 W x 750 L x 710 H

* Standard supply is motor mounted ON/OFF/JOG switch. Remote pendant is optional. To order with remote pendant, place suffix "R" behind pump model number.
^ Standard supply includes roll frame and 63mm diameter pressure gauge.

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 0.95 Lpm to 8.10 Lpm at 700 bar pressure. Valve options for operating single and double acting cylinders are available in manual or solenoid control.

MOTOR SIZE
0.84 - 11 kW

FLOW
0.73 - 8.1 Lpm@700 bar

MAXIMUM OPERATING PRESSURE
700 bar

THE *SPLIT FLOW* POWER UNIT OFFERS SYNCHRONISED 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 offers other split combinations such as 2 way, 6 way and 8 way.

Model No.	Flow Rate (Lpm)	Pressure Rating (bar)	Motor kW @ 1,450 rpm	Voltage (50 Hz)	Amps	Pendant Control	Valve Type Sol.= Solenoid Man.= Manual	Usable Oil Cap. (L)	Approx. Dry Weight (kg)	Approx Dimensions (mm)
RADIAL SINGLE SPEED SERIES										
PEMR1523	0.95	700	1.5	240	8.3	MOTOR ON/OFF	3w/3p Man.	20	53	300 W x 450 L x 605 H
PEMR1524	0.95	700	1.5	240	8.3		4w/3p Man.	20	53	300 W x 450 L x 605 H
PESR1523	0.95	700	1.5	240	8.3	SOLENOID ADV/HOLD/ RETRACT	3w/3p Sol.	20	59	300 W x 450 L x 605 H
PESR1524	0.95	700	1.5	240	8.3		4w/3p Sol.	20	59	300 W x 450 L x 605 H
PEMR3023	1.75	700	3.0	415	6.3	*	3w/3p Man.	20	55	320 W x 450 L x 560 H
PEMR3024	1.75	700	3.0	415	6.3	*	4w/3p Man.	20	55	320 W x 450 L x 560 H
PESR3023	1.75	700	3.0	415	6.3	SOLENOID ADV/HOLD/ RETRACT	3w/3p Sol.	20	61	320 W x 450 L x 560 H
PESR3024	1.75	700	3.0	415	6.3		4w/3p Sol.	20	61	320 W x 450 L x 560 H
PEMR5553	3.97	700	5.5	415	11.3	*	3w/3p Man.	50	99	270 W x 440 L x 750 H
PEMR5554	3.97	700	5.5	415	11.3	*	4w/3p Man.	50	99	270 W x 440 L x 750 H
PESR5553	3.97	700	5.5	415	11.3	SOLENOID ADV/HOLD/ RETRACT	3w/3p Sol.	50	105	270 W x 440 L x 750 H
PESR5554	3.97	700	5.5	415	11.3		4w/3p Sol.	50	105	270 W x 440 L x 750 H
PEMR11103	8.10	700	11	415	19.8	**	3w/3p Man.	100	**	**
PEMR11104	8.10	700	11	415	19.8	**	4w/3p Man.	100	**	**
PESR11103	8.10	700	11	415	19.8	SOLENOID ADV/HOLD/ RETRACT	3w/3p Sol.	100	**	**
PESR11104	8.10	700	11	415	19.8		4w/3p Sol.	100	**	**
SPLIT FLOW SERIES										
PEMS4054	4 x 0.73	700	4.0	415	8.85	*	4w/3p Man.	50	180	440 W x 750 L x 710 H

* Standard supply is motor mounted ON/OFF/JOG switch. Remote pendant is optional.
To order with remote pendant, place suffix "R" behind pump model number.
** Consult Durapac.