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PUMPS

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.



### 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

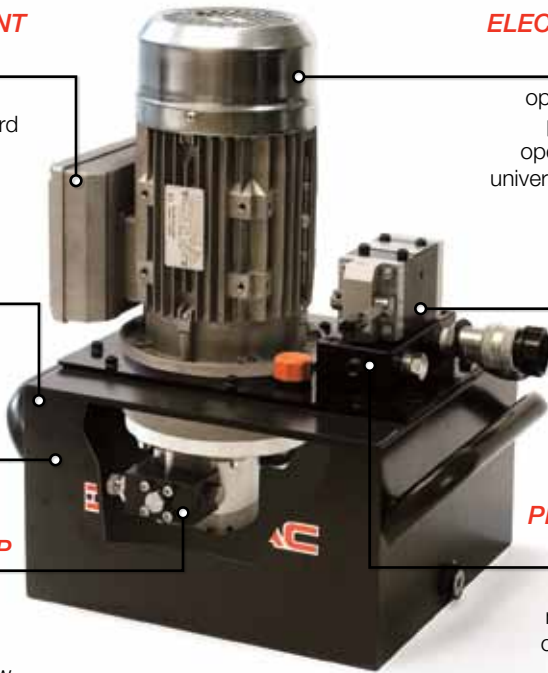
options from 1.5-11 kW provide quite low rpm operation. 08 Series has universal motor for field use

### 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**

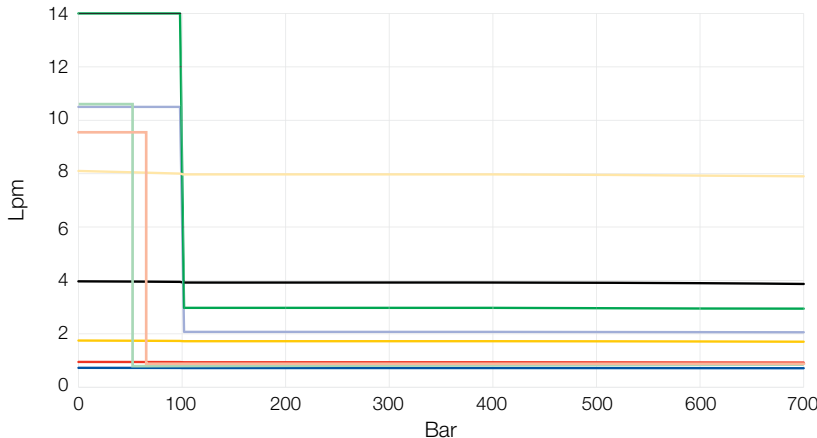
FLOW

**0.73 - 8.1 Lpm@700 bar**

MAXIMUM OPERATING PRESSURE

**700 bar**

## PERFORMANCE TABLES



Single Speed	
—	4 Way Split Flow Series
—	15R-Series Single Speed
—	30R-Series Single Speed
—	55R-Series Single Speed
—	110R-Series Single Speed
Two Speed	
—	08-Series Two Speed
—	15-Series Two Speed
—	30-Series Two Speed
—	40-Series Two Speed

Model	Usable Oil (L)	Pressure Stage	Flow (Lpm)	Force (ton)													
				10	15	20	25	30	50	75	100	150	200	250	300	400	500
<b>Single Speed</b>																	
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
<b>Two Speed</b>																	
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

PUMPS



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								
<b>08 SERIES</b>												
PEM8414 <sup>^</sup>	10.5	0.9	50	700	0.84	230	10.0	MOTOR ON/OFF	4w/3p Man.	7	25	320 W x 400 L x 565 H
PEM8424 <sup>^</sup>	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
<b>15 SERIES</b>												
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	59	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
<b>30 SERIES</b>												
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
<b>40 SERIES</b>												
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; add "R" to the end of the model number.  
<sup>^</sup> Standard supply includes roll frame and 63mm diameter pressure gauge.