

# OEM Pumps for Air, Gas and Liquids

Charles Austen  
Pumps Ltd



## Diaphragm Pumps

Flow - 0.4 to 56 l/min  
Vacuum - down to 8mbar  
Pressure - up to 5bar



- Contamination free pumping
- Long life, continuous duty
- Low maintenance
- Chemical resistant options
- Pressure or vacuum from the same unit

## Linear Diaphragm Pumps

Flow - 8 to 60 l/min  
Vacuum - down to 310mbar  
Pressure - up to 0.3bar



- Exceptionally long life
- Continuous duty
- Whisper quiet, minimal vibration
- Low power consumption
- Maintenance free

## Rocking Piston Pumps

Flow - 10 to 100 l/min  
Vacuum - down to 30mbar  
Pressure - up to 8bar



- Oil free pumping
- High pressure output
- Suitable for continuous duty
- Can operate in any installed position
- Robust construction

## Rotary Diaphragm Pumps

Flow - 0.14 - 5 l/min  
Vacuum - down to 200mbar  
Pressure - up to 2bar

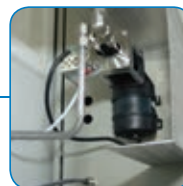


- Compact design
- High vacuum capability
- No valves, non-clogging
- AC or DC motor option available
- Cased versions available

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## Application Ideas



In addition to off the shelf units, a range of components and materials are available to adapt standard products to meet a variety of applications. Furthermore the Company's in house research and development team are able to design new pumps from concept to production to find the correct product solution. Every pump is tested before it leaves our factory and our in-house facilities are fully accredited to ISO 9001. The Company is committed to meeting customers' needs and welcome the opportunity to discuss new applications.

## OEM Pumps for Air and Gas



Model reference	Pump type	Flow l/min	Vacuum		Pressure bar	Voltage			Options	
			mm Hg	mbar (abs)		AC	DC	Brushless DC	case	portable
DA1 SE	D	2.0	460	400	1.2	●			●	
DA1 DE	series connected	2.0	570	250	-	●			●	
DA1 DE	parallel connected	3.5	460	400	1.0	●			●	
D3	D	3.0	500	350	2.0		●	●	●	
D5 SE	D	5.0	620	190	1.0	●	●	●		
D5 DE	series connected	5.0	720	50	2.0		●	●		
Capex L2	D	7.5	572	250	2.0	●				
D7 SE	D	15.0	580	240	2.0	●			●	
D7 DE	series connected	15.0	700	80	2.0	●				
D7 DE	parallel connected	18.0	460	400	1.0	●				
D15 TRV	D	30.0	720	50	1.0	●				
D16	D	16.0	550	280	-		●			
D34	D	34.0	550	280	-		●			
Capex V2 SE	D	17.0	580	240	2.2		●	●	●	
Capex V2 DE	series connected	17.0	700	80	3.0*		●			
Capex V2 DE	parallel connected	32.0	580	240	2.5		●			
B100 SE	D	18.0	550	280	2.5	●			●	●
B100 DE	series connected	18.0	700	100	2.0*	●			●	●
B100 DE	parallel connected	35.0	550	280	2.0*	●			●	●
B105 SE	D	32.0	630	180	1.0	●			●	●
B105 DE	series connected	31.0	700	80	-	●			●	●
B105 DE	parallel connected	56.0	630	180	-	●			●	●
B85 SE	D	17.0	560	270	2.5	●	●		●	●
B85 DE	series connected	17.0	700	80	-	●			●	●
B85 DE	parallel connected	33.0	560	270	2.5	●			●	●
B85T SE	D	20.0	715	60	-	●			●	●
B85T DE	series connected	20.0	754	8	-	●			●	●
B85 SE HP	D	26.0	680	110	5.0		●			
RP12 SE	RP	12.0	-	-	6.0	●	●	●		
RP40P	RP	43.0	-	-	7.0	●				
RP40V	RP	40.0	690	100	-	●				
RP75P	RP	75.0	-	-	8.0	●				
RP75V	RP	75.0	650	150	-	●				
RP120P	parallel connected	85.0	-	-	7.0	●				
RP120P	series connected	60.0	740	30	-	●				
RP120V	parallel connected	100.0	700	80	-	●				

## OEM Pumps for Liquid



RD01	RD	0.14	385	500	0.7	●				
RD1	RD	0.85	535	300	2.0		●			
RD2	RD	1.7	385	500	2.0		●			
RD3	RD	3.0	610	200	2.0	●	●			
RD5	RD	5.0	610	200	2.0	●	●			
DL2	D	1.6	310	600	-	●	●			
DL04	D	0.4	160	800	-		●			
CAPEX L1	D	1.2	-	-	2.0	●				
C50	C	50.0	-	-	0.8		●			

## Linear Diaphragm Pumps for Air



LD10	LD	10.0	100	880	0.25	●				
LD15	LD	15.0	160	800	0.30	●				
LD30	LD	30.0	190	750	0.30	●				
LD20 DE	LD	20.0	-	-	0.20	●				
LD25 DE	LD	25.0	-	-	0.25	●				
LD50 DE	LD	50.0	-	-	0.30	●				
LD60 DE	LD	60.0	-	-	0.30	●				
LD AE3	LD	3.50	-	-	0.15	●				
LD DB5	LD	9.0	-	-	0.04	●				
LD DM5	LD	8.0	-	-	0.04	●				
LD DB10	LD	9.5	-	-	0.10	●				
LD DBM10S	LD	9.0	-	-	0.10	●				
LD DM20	LD	22.0	-	310	0.10	●				
LD DBM25B	LD	22.0	-	-	0.13	●				
LD BM30	LD	30.0	-	320	0.13	●				
LD BM40B	LD	42.0	-	330	0.13	●				

\* maximum working pressure

Key - D - Diaphragm Pumps RD - Rotary Diaphragm Pumps RP - Rocking Piston Pumps LD - Linear Diaphragm Pumps C - Centrifugal Liquid Pumps