

Aerospace & Defense Pumps Offerings



AERO CONTROLEX

Applications

- Fuel Boost and Transfer
- Lubrication
- Scavenge
- Coolant
- Hydraulic
- Prop Feathering
- Recirculation
- APU Fuel Feed

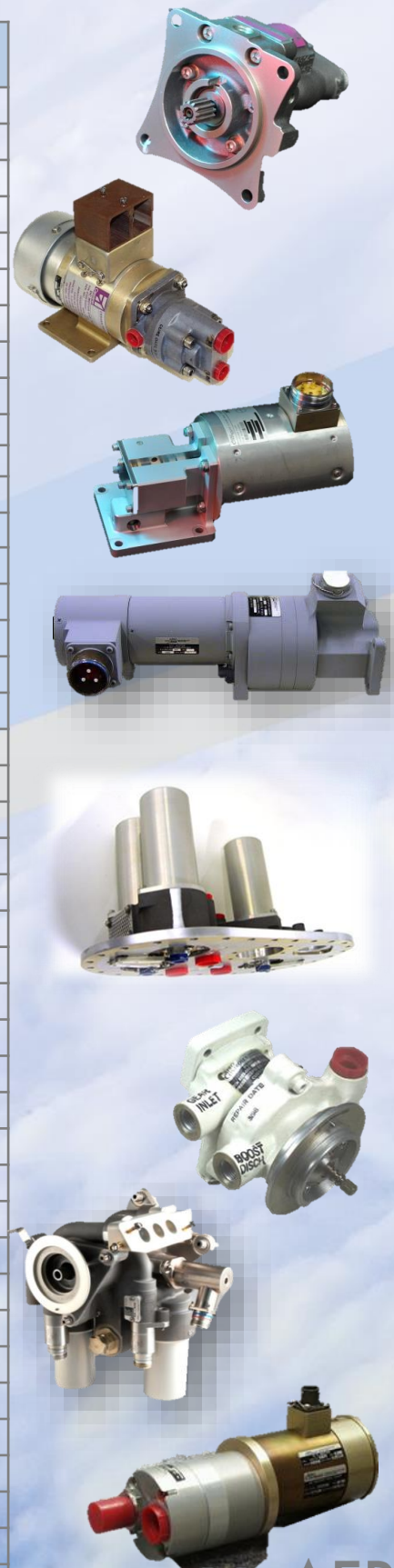
Product Highlights

- Drive: AC/DC motor (BLDC option available) and Gear Box direct drives with both sensorless and sensor based controls
- Input Voltage: 28 VDC, 115 VAC
- Flow Rate: 0.2 – 25 GPM
- Pressure: up to 3,000 PSID
- Integrated relief valves, filters & pressure switches
- Ambient Temperature Range: -57° C to 135° C
- Reduced envelope for optimized weight
- Customizable

AeroControlex is an industry leader and has been producing reliable Pumps for the aerospace and defense industry for over 70 years. Our Pumps are designed to achieve the industry's highest qualification standards. AeroControlex offers a variety of Pump designs such as gear, centrifugal and gerotor configured with a variety of drive options. Our worldwide customer base demands the highest quality, cost effective products for the most demanding commercial and military applications.

Sample ACX Pump Capabilities

Pump Type	Fluid	Flow (GPM)	Pressure (psig)	Speed (RPM)
Centrifugal	Coolant	2.5	30	12,700
Centrifugal	Fuel	2.5	15	8,000
Gear	Coolant	11.8	90	7,500
Gear	Fuel	2.59	25	3,600
Gear	Fuel	2.4	600	4,200
Gear	Fuel	2.1	1,850	5,650
Gear	Fuel	2	600	4,200
Gear	Fuel	1.36	600	4,200
Gear	Fuel	0.975	600	4,200
Gear	Fuel	0.975	600	4,200
Gear	Hydraulic	12.8	1,600	5,418
Gear	Hydraulic	11.5	240	8,186
Gear	Hydraulic	6.4	100	8,092
Gear	Hydraulic	5.4	120	3,450
Gear	Hydraulic	5	70	4,150
Gear	Hydraulic	4.2	1,500	8,000
Gear	Hydraulic	3.7	50	2,100
Gear	Hydraulic	3.6	120	4,138
Gear	Hydraulic	1.89	690	8,000
Gear	Hydraulic	1.7	690	8,000
Gear	Hydraulic	1.69	790	8,000
Gear	Hydraulic	1.1	790	8,000
Gear	Hydraulic	1	690	8,000
Gear	Hydraulic	0.2	3,000	6,000
Gear/Centrifugal	Fuel	4	600	10,180
Gerotor	Hydraulic	2.2	90	3,500
Gerotor	Lube	10.8	80	8,363
Gerotor	Lube	10.8	80	8,300
Gerotor	Lube	10.6	66	8,500
Gerotor	Lube	10.4	225	6,650
Gerotor	Lube	10.2	50	6,000
Gerotor	Lube	9.7	88	8,120
Gerotor	Lube	9.5	88	8,020
Gerotor	Lube	8	60	9,800
Gerotor	Lube	7	110	7,100
Gerotor	Lube	5.5	330	6,900
Gerotor	Lube	5	80	4,182
Gerotor	Lube	4	170	9,850
Gerotor	Lube	3.6	270	8,647
Gerotor	Lube	2.6	345	5,191
Gerotor	Lube	1.5	100	8,000
Gerotor	Lube	1.3	18	6,180
Gerotor	Lube	1.1	690	8,000



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