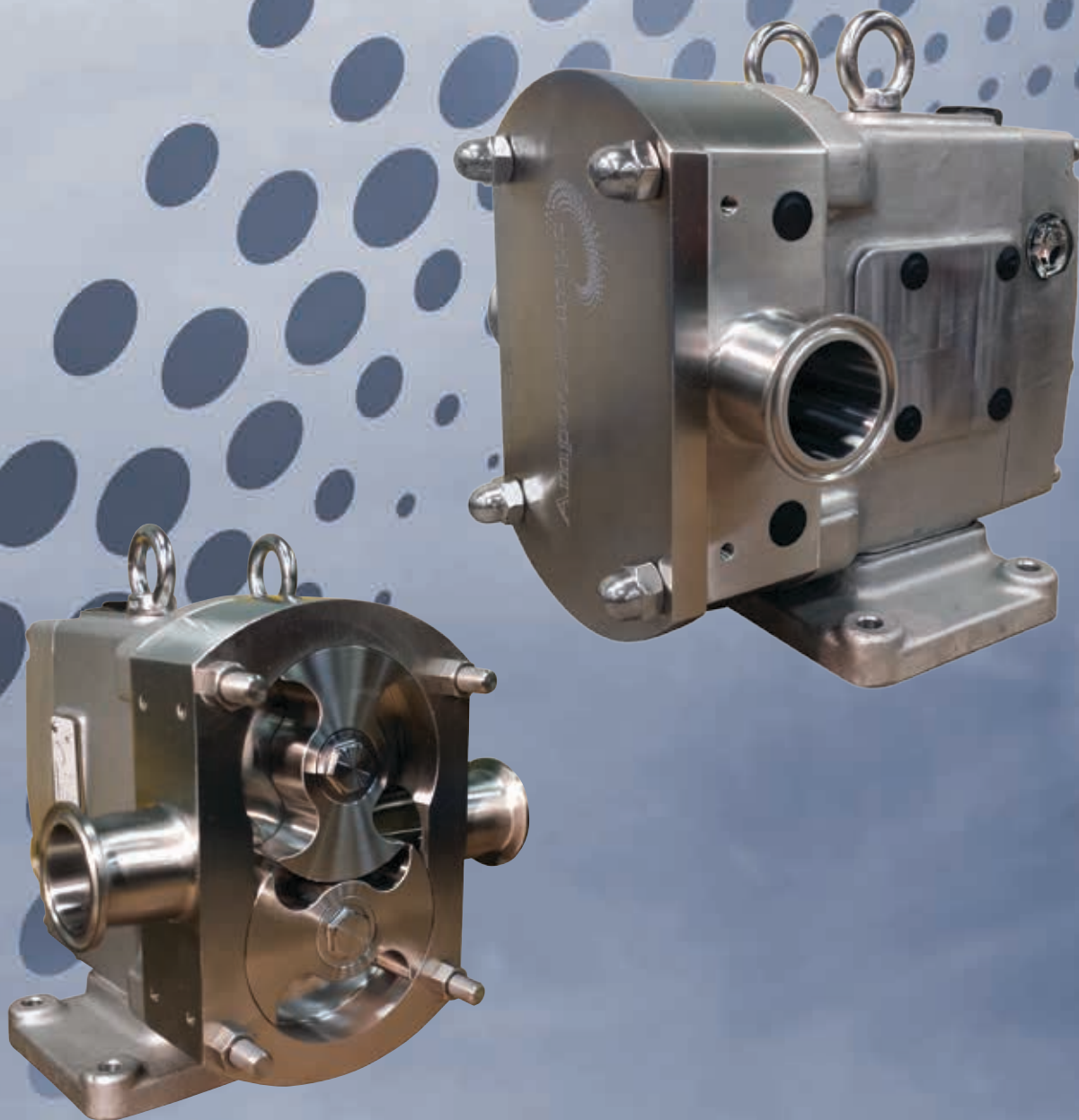
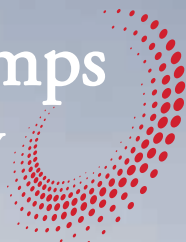


AL Series Pumps



Ampco Pumps
Company

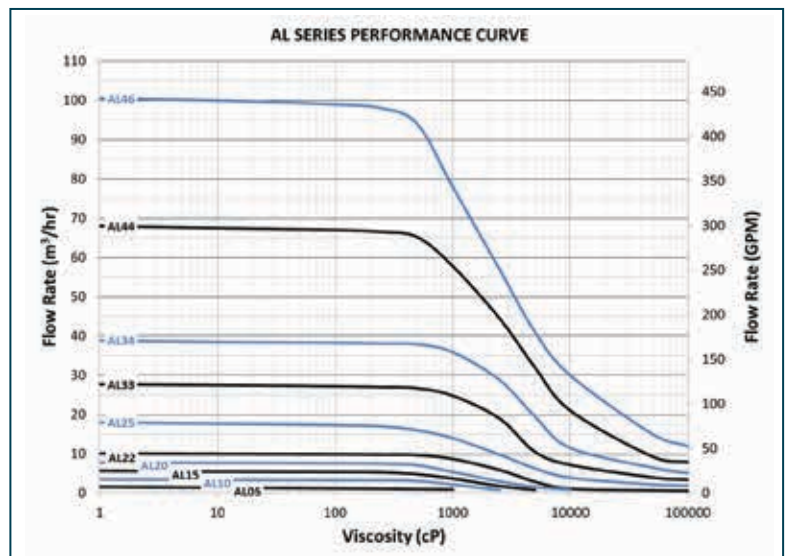
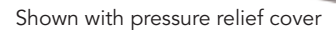


All Ampco PD pumps include
a stainless steel gear case



Ease of maintenance, CIP performance, uptime reliability, and economical pricing are key characteristics of Ampco's AL Series of rotary lobe positive displacement pumps, making this series a favorite of maintenance departments and plant managers. Every new positive displacement pump Ampco manufactures is supplied with a 304 stainless steel gear case, making these pumps popular with inspectors, as well.

STANDARD DESIGN FEATURES	OPTIONAL DESIGN FEATURES
304 Stainless steel gear case	
Single mechanical seal (silcar vs. silcar)	O-ring seal Double o-ring seal Double lip seal Triple lip seal Mechanical seal with seal flush Double mechanical seal
316L stainless steel pump construction	Alloy 88 or Nitronic 60 rotors available with non-galling appeal
Tri-clamp connection	NPT, DIN, ANSI flange, and other connections available
Bi-wing rotors	Single- tri-, and multi-lobe rotors Heating and cooling jackets Relief cover
32RA (0.8µm) finish	16RA (0.4µm) finish

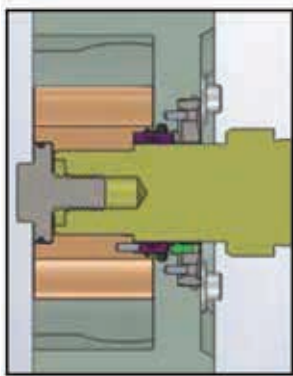




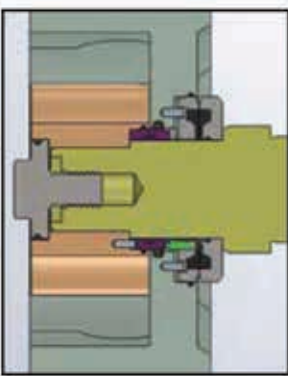
Applications

The AL Series is well suited for a variety of applications including food, dairy, beverage, and pharmaceutical applications. These pumps accommodate viscosities ranging from 1 to 1,000,000 centipoise. Self-priming capabilities up to 12' / 3.7m and flow rates up to 440 GPM / 100 m³/hr make this a versatile, yet economical, pump for a variety of processing applications.

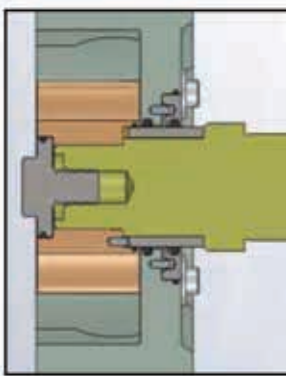
Shown with optional cover
and rotor heating jackets



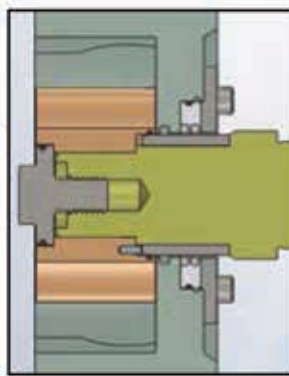
Single Mechanical Seal



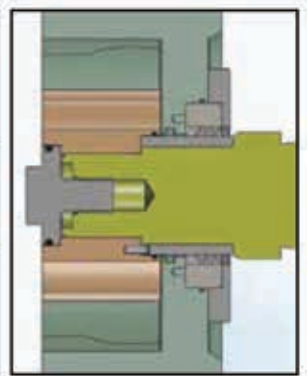
Double Mechanical Seal



Double-O-Ring Seal



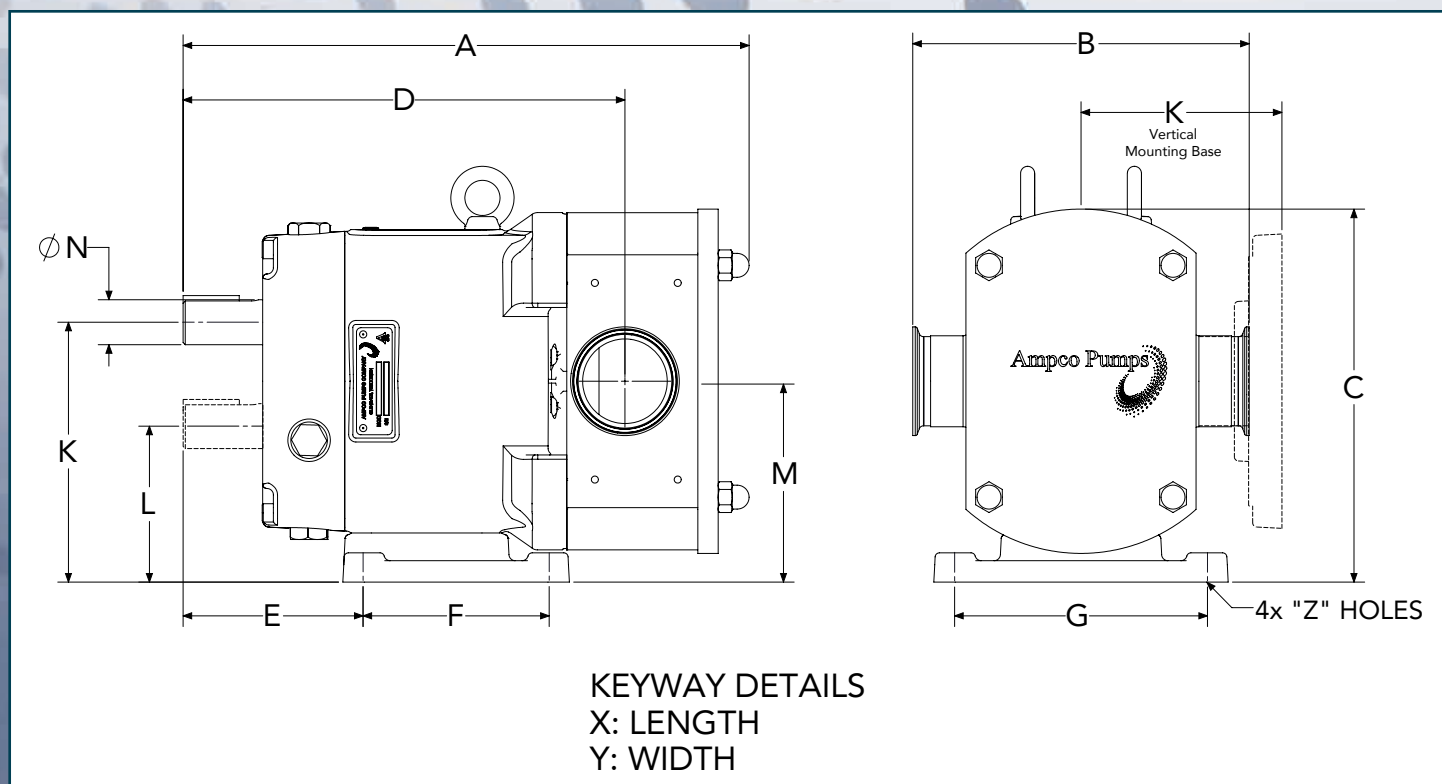
Lip Seal



Triple Lip Seal

MODEL NUMBER	Displacement		Standard ConnectionSize		Max Differential Pressure		Max Speed
	Gallons/ 100 Rev	Liters/ Rev	IN	MM	PSI	BAR	RPM
AL05-002-20	0.53	0.02	1.00	25	290	20	1000
AL10-005-20	1.32	0.05	1.00	25	290	20	1000
AL15-012-12	3.17	0.12	1.50	40	175	12	800
AL20-021-08	5.55	0.21	2.00	50	115	8	800
AL22-040-12	10.56	0.40	2.00	50	175	12	700
AL25-062-08	16.37	0.62	2.50	65	115	8	700
AL33-120-12	26.90	1.02	3.00	80	175	12	600
AL34-144-08	37.98	1.44	4.00	100	115	8	600
AL44-227-12	59.88	2.27	4.00	100	175	12	500
AL46-334-08	88.10	3.34	6.00	150	115	8	500





DIMENSION

MODEL NUMBER	A		C		D		E		F		G		I		K		L		M		N		X		Y		Z	
	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN
AL05-002-20	255	10.0	200	7.9	218	8.6	96	3.78	84	3.31	134	5.28	12	0.47	141	5.55	77	3.03	109	4.29	22	0.87	30	1.18	6	0.24	6	0.24
AL10-005-20	255	10.0	200	7.9	218	8.6	96	3.78	84	3.31	134	5.28	12	0.47	141	5.55	77	3.03	109	4.29	22	0.87	30	1.18	6	0.24	6	0.24
AL15-012-12	264	10.4	200	7.9	222	8.7	96	3.78	84	3.31	134	5.28	12	0.47	141	5.55	77	3.03	109	4.29	22	0.87	30	1.18	6	0.24	6	0.24
AL20-021-08	284	11.2	200	7.9	230	9.1	96	3.78	84	3.31	134	5.28	12	0.47	141	5.55	77	3.03	109	4.29	22	0.87	30	1.18	6	0.24	6	0.24
AL22-040-12	386	15.2	264.5	10.4	305	12.0	129	5.08	132	5.20	180	7.09	15	0.59	185	7.28	101	3.98	143	5.63	32	1.26	50	1.97	10	0.39	11	0.43
AL25-062-08	406	16.0	264.5	10.4	315	12.4	129	5.08	132	5.20	180	7.09	15	0.59	185	7.28	101	3.98	143	5.63	32	1.26	50	1.97	10	0.39	11	0.43
AL33-120-12	533	21.0	347.5	13.7	390	15.4	159	6.26	160	6.30	242	9.53	22	0.87	243.5	9.59	128.5	5.06	186	7.32	45	1.77	60	2.36	14	0.55	13	0.51
AL34-144-08	546	21.5	347.5	13.7	402	15.8	159	6.26	160	6.30	242	9.53	22	0.87	243.5	9.59	128.5	5.06	186	7.32	45	1.77	60	2.36	14	0.55	13	0.51
AL44-227-12	647	24.0	458	18.0	506	20.0	198	8.0	210	8.00	320	13.0	30	1.0	324	13.0	170	7.0	247	10.0	55	2.0	87	3.0	14	1.0	15	1.0
AL46-334-08	660	26.0	458	18.0	533	21.0	198	8.0	210	8.00	320	13.0	30	1.0	324	13.0	170	7.0	247	10.0	55	2.0	87	3.0	14	1.0	15	1.0

AL-SERIES 'B' DIMENSION

MODEL NUMBER	PORT SIZE		FLANGE		ISO		BS		DIN		SMS	
	MM	(IN)	MM	(IN)	MM	(IN)	MM	(IN)	MM	(IN)	MM	(IN)
AL5-002-20	25.4	1	212	8.3	192	7.6	204	8.0	212	8.3	192	7.6
AL10-005-20	25.4	1	212	8.3	192	7.6	204	8.0	212	8.3	192	7.6
AL15-012-12	38	1.5	212	8.3	192	7.6	204	8.0	212	8.3	192	7.6
AL20-021-08	50.8	2	212	8.3	196	7.7	204	8.0	212	8.3	192	7.6
AL22-040-12	63.5	2	248	9.8	232	9.1	240	9.4	258	10.2	236	9.3
AL25-062-08	63.5	2.5	258	10.2	240	9.4	240	9.4	258	10.2	236	9.3
AL33-120-12	76.2	3	322	12.7	298	11.7	294	11.6	322	12.7	290	11.4
AL34-144-08	101.6	4	350	13.8	298	11.7	294	11.6	322	12.7	290	11.4
AL44-227-12	101.6	4	432	17.0	380	15.0	376	14.8	432	17.0	394	15.5
AL46-334-08	152.4	6	432	17.0	384	15.1	376	14.8	432	17.0	394	15.5

Visit www.ampcopumps.com for individual pump curves and dimensional drawings.

REV8.16