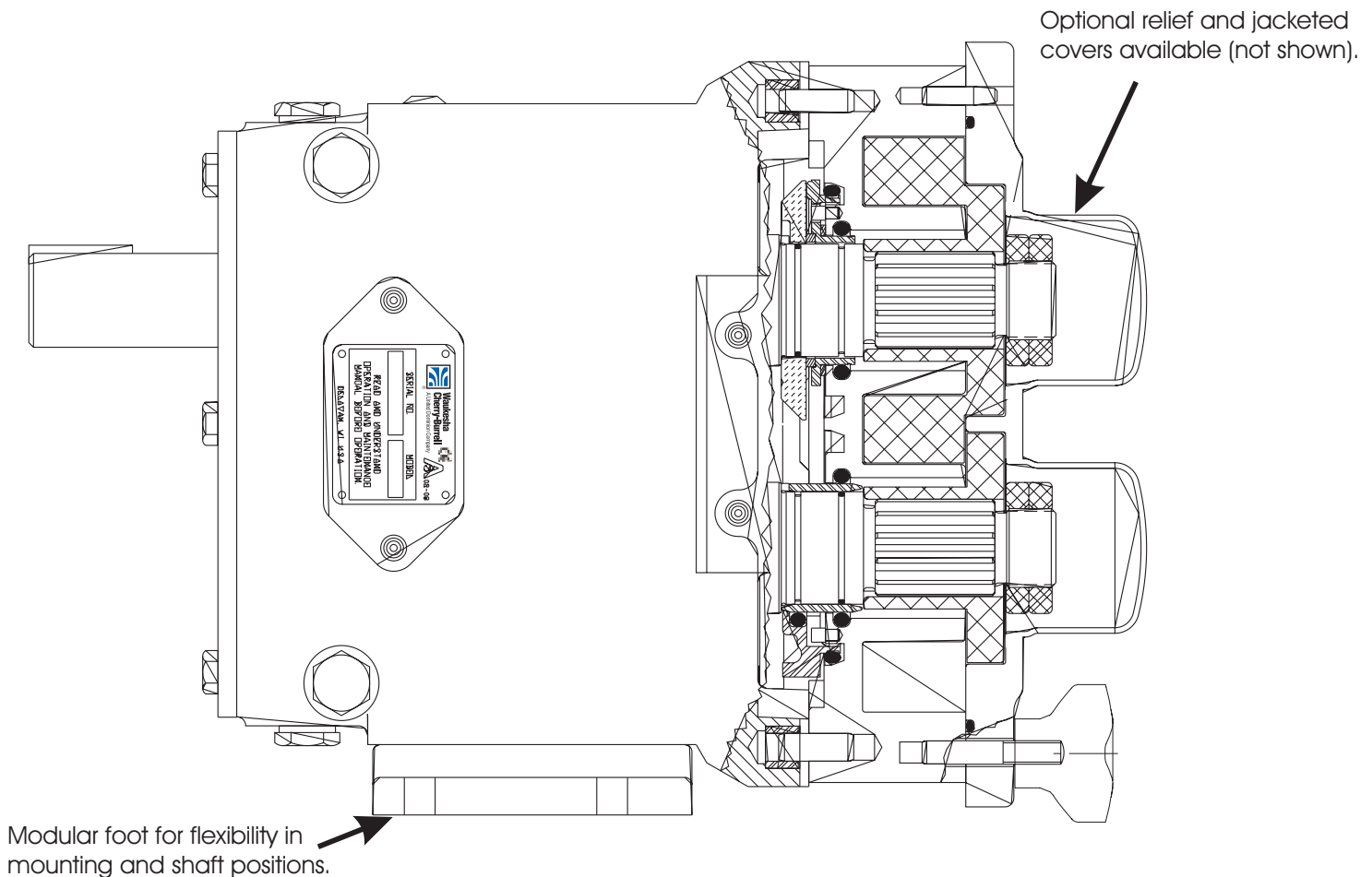


# Universal I Series Pumps



## Features

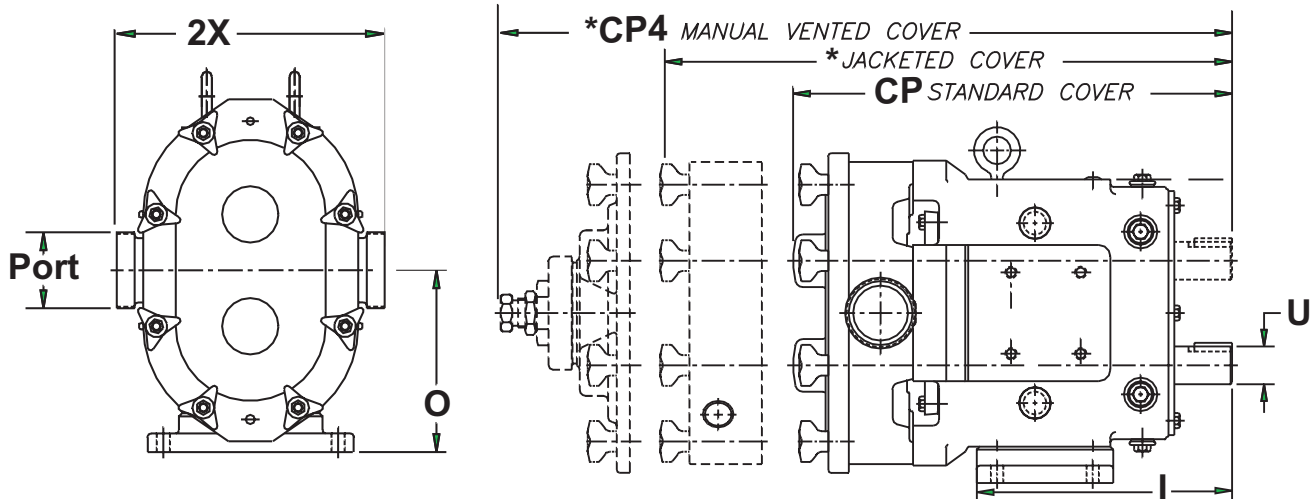
- Designed for **COP** service.
- ECP rotors for low slip and gentle handling of shear sensitive products/particulates.
- Aseptic and rectangular flange models available.
- Pressure capability -- 200 PSI / 13.8 Bar.
- 316 stainless steel pump body and cover, with heavy duty 316 shafts. 17-4 PH shafts available.
- Exclusive, non-galling Waukesha "88" alloy rotors with tighter clearances handle a wider range of viscosities effectively.
- O-ring or Mechanical seals. Single or double with flush. Carbon / Ceramic / SC / Chrome Oxide faces available, with Buna-N, Fluorocarbon, EPDM, Silicone, & Kalrez® elastomers.
- Versatile 3-Way mounting and dimensionally interchangeable with Universal II and Universal Lobe Series pumps.
- Stainless Steel bearing frame optional.
- Three wing cover nuts. Hex head cover nuts optional.

**ISO 9001  
CERTIFIED**



**Waukesha  
Cherry-Burrell**

# DIMENSIONS



Pump Model		CP	CP4	I	O	Port	U +0.000 -0.000	2X	WT. lbs/kg
006-U1	IN	12.04	15.25	7.66	4.21	1"	0.875	6.97	52
	MM	306	387	194	107	-	22.23	177	24
015-U1	IN	12.04	15.25	7.66	4.21	1 1/2"	0.875	6.97	52
	MM	306	387	194	107	-	22.23	177	24
018-U1	IN	12.46	15.67	7.66	4.21	1 1/2"	0.875	7.09	54
	MM	316	398	194	107	-	22.23	180	24
030-U1	IN	14.58	17.67	8.83	5.21	1 1/2"	1.25	8.50	100
	MM	370	449	224	132	-	31.75	216	45
060-U1	IN	18.91	22.07	10.99	7.31	2 1/2"	1.625	10.75	255
	MM	480	561	279	186	-	41.28	273	116
130-U1	IN	19.85	23.01	10.99	7.31	3"	1.625	10.75	260
	MM	504	584	279	186	-	41.28	273	118
220-U1	IN	23.37	27.87	14.80	9.38	4"	2.000	13.25	450
	MM	594	708	376	238	-	50.8	337	204
320-U1	IN	30.17	-	17.80	10.38	6" 150# Flange	2.375	16.00	795
	MM	766	-	452	264	-	60.45	406	361

Note: Dimension '2X' Apply For Bevel Seat, 'S' Clamp, 'Q' Clamp, 15I And 14I Fittings (Except 320U1).

\*Note: CP4 is the maximum dimension for all vented and jacketed cover options.

Model	Displacement Per Revolution	Nominal Capacity* To	Inlet / Outlet	Optional Inlet / Outlet	Pressure Range**	Maximum RPM	Temp Range
006-U1	0.0082 Gal. (0.031 Liter)	6 GPM (1.3 m3/hr)	1"	1 1/2"	200 PSI (13.8 bar)	800	(-) 40 F/C to 300 F (149 C)
015-U1	0.0142 Gal. (0.054 Liter)	9 GPM (2.0 m3/hr)	1 1/2"		200 PSI (13.8 bar)	700	
018-U1	0.029 Gal. (0.110 Liter)	17 GPM (3.8 m3/hr)	1 1/2"	2"	200 PSI (13.8 bar)	600	
030-U1	0.060 Gal. (0.227 Liter)	36 GPM (8.2 m3/hr)	1 1/2"	2"	200 PSI (13.8 bar)	600	
060-U1	0.153 Gal. (0.579 Liter)	90 GPM (20.4 m3/hr)	2 1/2"	3"	200 PSI (13.8 bar)	600	
130-U1	0.254 Gal. (0.961 Liter)	150 GPM (34.1 m3/hr)	3"		200 PSI (13.8 bar)	600	
220-U1	0.522 Gal. (1.976 Liter)	310 GPM (70.4 m3/hr)	4"		200 PSI (13.8 bar)	600	
320-U1	0.754 Gal (2.854 Liter)	450 GPM (102 m3/hr)	6"		200 PSI (13.8 bar)	600	

\* For capacities above 450 to 935GPM, see bulletin FH-1725 on 420/520 UHC (ECP Rotors) and FH-1733 on 420/520 UHCL (Lobe Rotors).

\*\* Contact application engineering for higher pressure or higher temperature applications.



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For additional information please contact your local Waukesha Cherry-Burrell distributor.



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