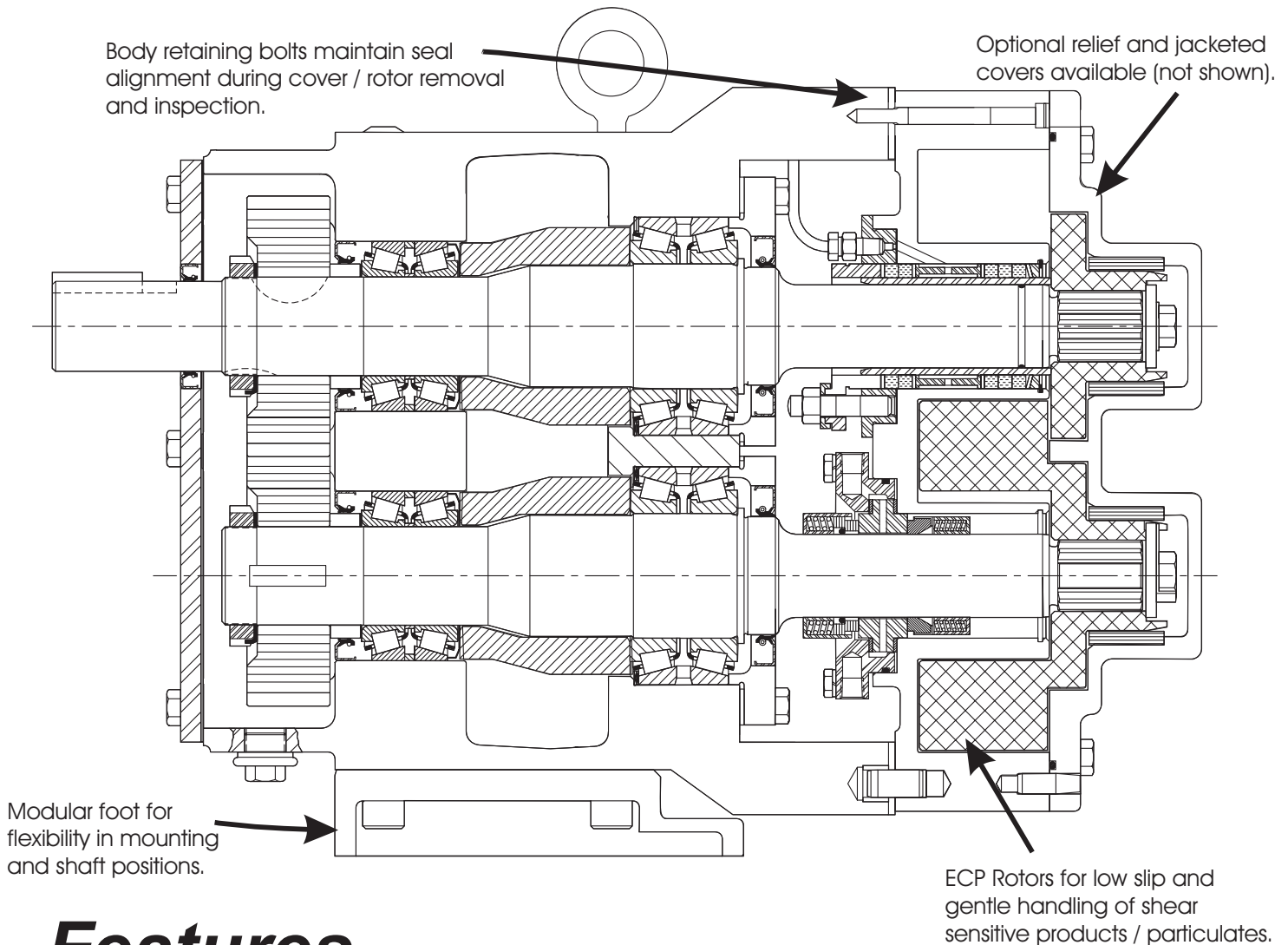


Universal 5000 Series Pumps



Features

- 150 lb. flanges standard. 300 lb. optional. NPT available on 5040, 5050, and 5060.
- 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.
- Commercial mechanical seals standard. Single or double with flush. Carbon / Ceramic / SC / TC faces available, with Buna-N, Fluorocarbon, EPDM, Silicone, & Kalrez® elastomers.
- Packed stuffing box available.
- Versatile 3-Way mounting for upper or lower drive shaft, and horizontal or vertical porting.
- Steel-it paint standard.

**ISO 9001
CERTIFIED**

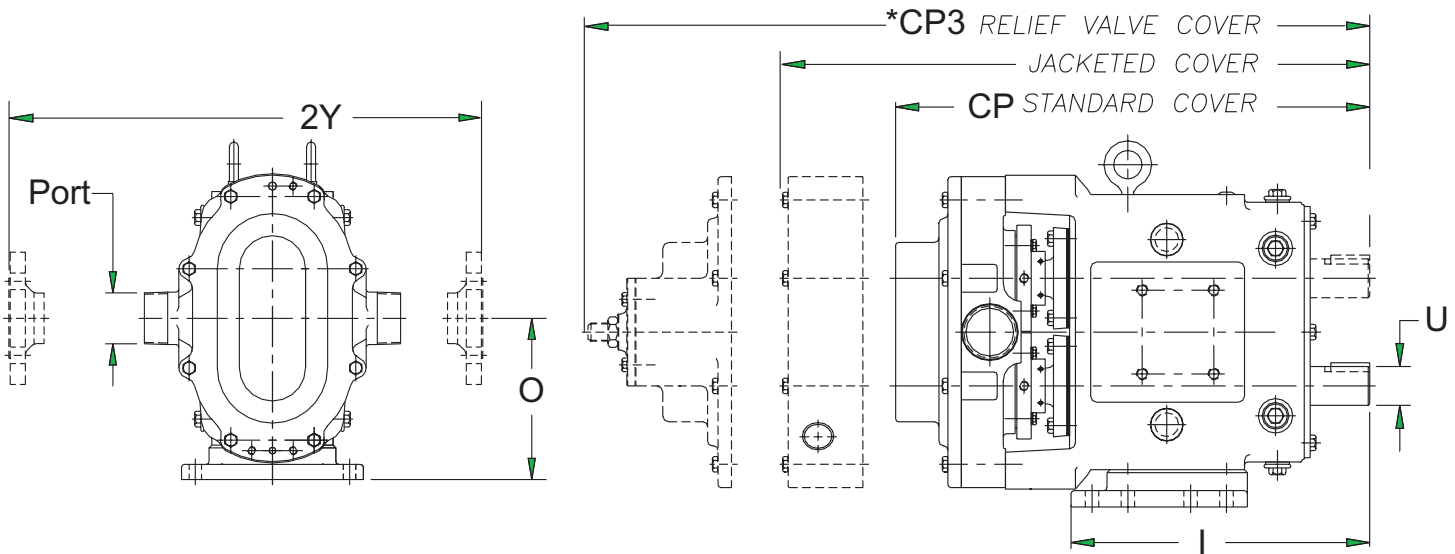
CE



**Waukesha
Cherry-Burrell**

A United Dominion Company

DIMENSIONS



Pump Model		CP	CP3	I	O	Port	U +0.001 -0.001	2Y	WT.
5040	IN	16.52	18.64	8.83	5.21	1 1/2" - 150# Flange	1.250	11.91	100
	MM	419	473	224	132		31.75	303	45
5050	IN	19.83	23.08	12.49	7.31	2" - 150# Flange	1.625	13.25	240
	MM	504	586	317	186		41.28	336	109
5060	IN	20.78	24.03	12.49	7.31	2 1/2" - 150# Flange	1.625	13.50	245
	MM	528	610	317	186		41.28	343	111
5070	IN	26.31	28.5	15.29	9.38	4" - 150# Flange	2.000	14.75	475
	MM	668	724	388	238		50.80	375	215
5080	IN	30.17	34.05	17.80	10.38	6" - 150# Flange	2.375	16.00	810
	MM	766	865	452	264		60.33	406	367

* Note: CP3 is the maximum dimension for all vented and jacketed cover options

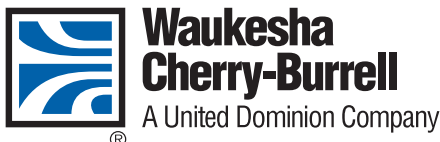
Pump Model	Displacement Per Revolution	Nominal Capacity* To	Inlet and Outlet	Optional Inlet and Outlet	Pressure Range**	Maximum RPM	Temp Range**
5040	0.060 Gal. (0.227 Liter)	36 GPM (8.2 m3/hr)	1 1/2"	2"	200 PSI (13.8 bar)	600	(-) 40 F/C to 300 F (149 C)
5050	0.153 Gal. (0.579 Liter)	90 GPM (20.4 m3/hr)	2"	2 1/2"	200 PSI (13.8 bar)	600	
5060	0.254 Gal. (0.961 Liter)	150 GPM (34.1 m3/hr)	2 1/2"	3"	200 PSI (13.8 bar)	600	
5070	0.440 Gal. (1.666 Liter)	260 GPM (59.1 m3/hr)	4"		200 PSI (13.8 bar)	600	
5080	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.

611 Sugar Creek Road
 Delavan, WI 53115 USA
 Tel: 1.800.252.5200 or 262.728.1900
 Fax: 1.800.252.5012 or 262.728.4904
 E-mail: custserv@gowcb.com
 Web site: <http://www.gowcb.com>

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



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