

**Self-Priming Universal/Electric Driven**

**Specifications:**

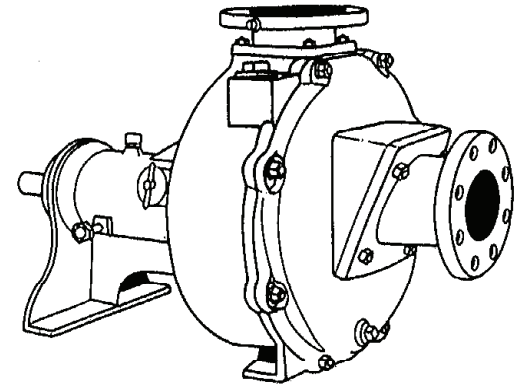
**SUCTION/DISCHARGE**..... 3" (76mm) x 3" (76mm) 125lb. Flange  
**LIQUID TEMPERATURE** .....160°F (71°C) Continuous  
**VOLUTE/WEARPLATE** .....Cast Iron ASTM A-48, Class 30,  
 Replaceable, External Clearance Adjustment  
**CASE**.....Cast Iron ASTM A-48, Class 30  
**END COVER** .....Cast Iron ASTM A-48, Class 30  
**SEAL PLATE** .....Alloy Steel, Replaceable  
**PEDESTAL**.....Cast Iron ASTM A-48, Class 30  
**IMPELLER: Design** .....Semi-Open Type, Passes 3/4" Solids  
**Material** .....Cast Iron ASTM A-48, Class 30  
 Dynamically Balanced, ISO G6.3  
**IMPELLER SHAFT** .....Steel  
**SQUARE RINGS** .....Buna-N  
**HARDWARE** .....Corrosion Resistant Steel  
**PAINT** .....Air Dry Enamel  
**SEAL Design** .....Single Mechanical  
**Lubrication** .....Grease, with Self-Feeding Lubricator  
**Material** .....Rotating Faces - Carbon  
 Stationary Faces - Ceramic  
 Elastomer - Buna-N  
 Hardware - 300 Series Stainless

**BEARING - PUMP END**  
**Design**.....Single Row, Ball  
**Lubrication** .....Oil  
**Load**.....Radial & Thrust

**BEARING - DRIVE END**  
**Design**.....Single Row, Ball  
**Lubrication** .....Oil  
**Load**.....Radial & Thrust

**CHECK VALVE:**  
**Material** .....Valve Flap-Neoprene  
 Weight-Cast Iron ASTM A-48, Class 30

**OPTIONAL EQUIPMENT**.....Seal Material, Case Heater, Stainless  
 Hardware; High Temperature Control; Flex Coupled Assy., with Base &  
 OSHA Guard; Right Hand V-Belt Drive Assy., Left Hand V-Belt Drive Assy.,  
 and In-Line Vertical V-Belt Drive Assy., with Base, Motor Adjusting Base &  
 OSHA Guard.



**Series: B30**

**DESCRIPTION:**

SELF-PRIMING CENTRIFUGAL PUMPS  
 DESIGNED FOR MARINE, MUNICIPAL AND  
 INDUSTRIAL APPLICATIONS



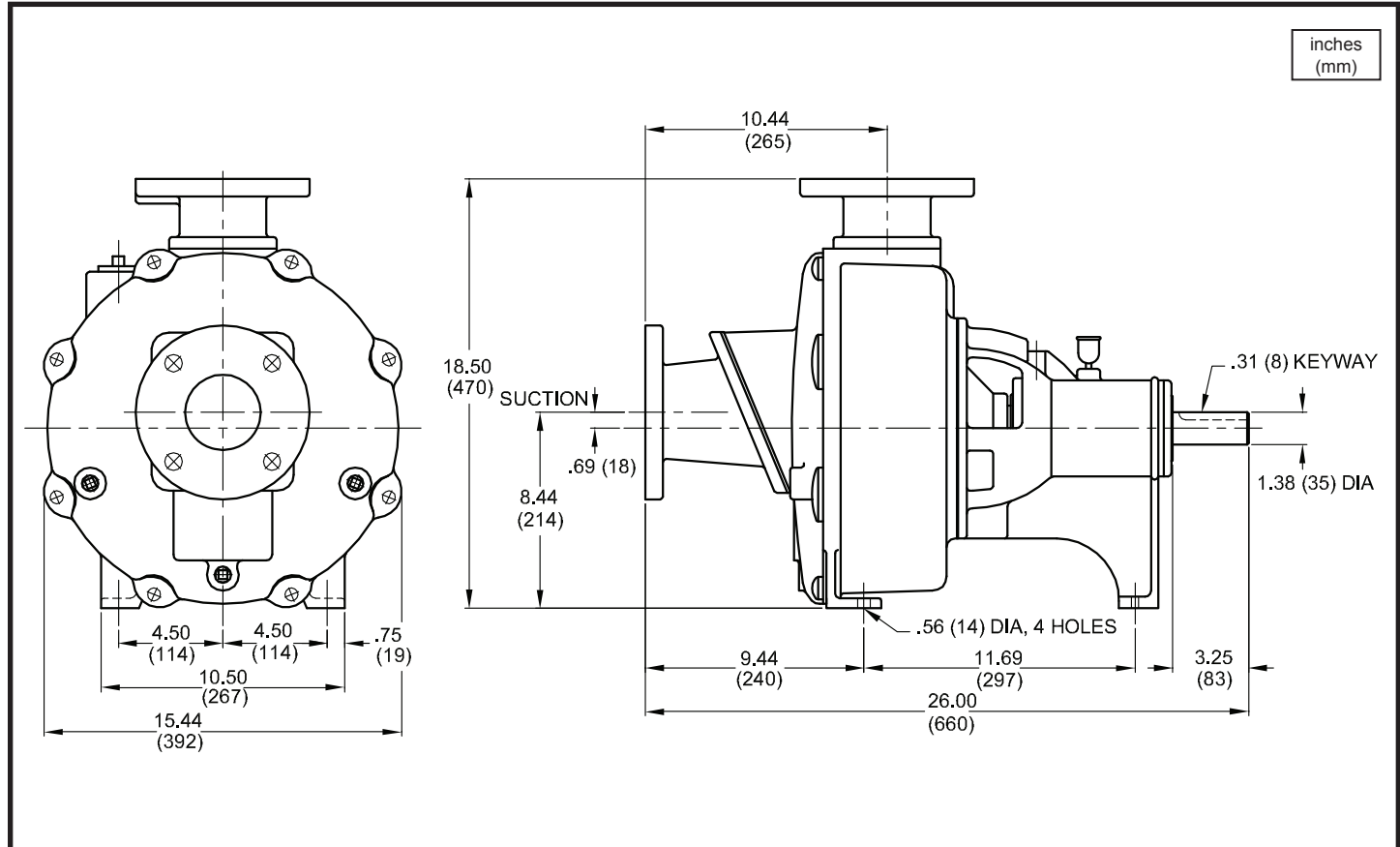
**WARNING:**  
 CANCER AND REPRODUCTIVE HARM -  
 WWW.P65WARNINGS.CA.GOV

# Series B30

Pump End  
3" Flange



## Self-Priming Universal/Electric Driven



MODEL NO	PART NO	WEIGHT NET LBS (kg)	
B30	3COXD-0007X-001	220 (100)	

### IMPORTANT !

- DO NOT USE FOR PUMPING FLUIDS WITH A FLASH POINT OF LESS THAN 100°F.
- MAKE CERTAIN THAT PUMP AND/OR MOTOR ASSEMBLY AND CONTROLS HAVE THE APPROPRIATE RATINGS FOR THE GIVEN APPLICATION AREA CLASSIFICATION. (ie DIVISION I, AGENCY LISTING ETC.)

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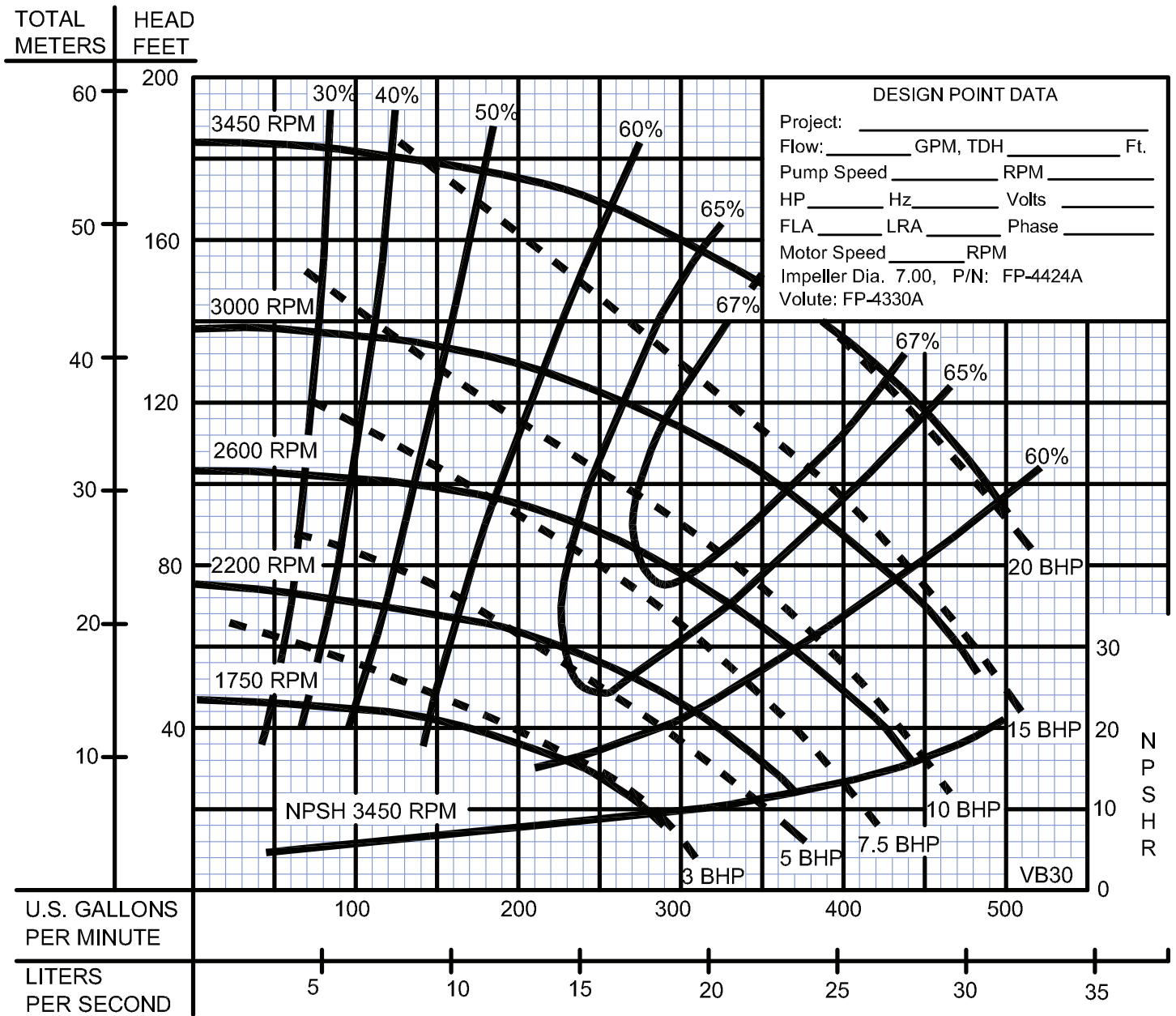


A Crane Co. Company

## PUMPS & SYSTEMS

USA: (937) 778-8947 • Canada: (905) 457-6223 • International: (937) 615-3598

## Self-Priming Universal/Electric Driven



Testing is performed with water, specific gravity 1.0 @ 68° F @ (20°C), other fluids may vary performance

# Series B30

Horizontal V-Belt Base, Motor Speed: **1750 RPM**  
 V-Belt Drive, Sheaves & Bushings, Pump Shaft: **1.37 Dia.**



## Self-Priming Universal/Electric Driven

Driven Speed	Speed Ratio	Motor HP	Frame Size	Center Distance	Drive P/N		Driven Speed	Speed Ratio	Motor HP	Frame Size	Center Distance	Drive P/N
3450	1.97	30	286T	18.4	091432		2400	1.37	15	254T	19.1	091465
3450	1.97	25	284T	18.4	091432		2400	1.37	10	215T	19.1	091466
3450	1.97	20	256T	20.2	091433		2400	1.37	7.5	213-215T	19.1	091466
3450	1.97	15	254T	20.2	091434							
							2300	1.31	15	254T	18.4	091467
3300	1.89	30	286T	18.6	091435		2300	1.31	10	215T	18.4	091468
3300	1.89	25	284T	18.6	091435		2300	1.31	7.5	213-215T	18.4	091469
3300	1.89	20	256T	19.7	091436		2300	1.31	5	213T	18.4	091469
3300	1.89	15	254T	19.7	091437		2300	1.31	5	184T	18.4	091470
3272	1.87	30	286T	19.3	091438		2200	1.25	15	254T	18.6	091471
3272	1.87	25	284T	19.3	091439		2200	1.25	10	215T	18.6	091472
3272	1.87	20	256T	19.3	091440		2200	1.25	7.5	213-215T	18.6	091472
3150	1.80	15	254T	19.1	091441		2200	1.25	5	213T	18.6	091473
							2200	1.25	5	184T	18.6	091474
3100	1.77	30	286T	18.3	091442							
3100	1.77	25	284T	18.3	091442		2100	1.20	15	254T	19.4	091475
3100	1.77	20	256T	18.3	091443		2100	1.20	10	215T	19.4	091476
3100	1.77	15	254T	18.3	091443		2100	1.20	7.5	213-215T	19.4	091476
							2100	1.20	5	213T	19.4	091477
							2100	1.20	5	184T	19.4	091478
3000	1.71	25	284T	19.9	091444							
3000	1.71	20	256T	19.9	091445							
3000	1.71	15	254T	19.9	091446		2000	1.14	7.5	213-215T	19.5	091479
3000	1.71	10	215T	19.9	091447		2000	1.14	5	213T	19.5	091479
							2000	1.14	5	184T	19.5	091480
							2000	1.14	3	182-184T	19.5	091481
2900	1.66	25	284T	18.0	091448							
2900	1.66	20	256T	18.0	091449							
2900	1.66	15	254T	18.0	091450		1900	1.09	7.5	213-215T	19.7	091482
2900	1.66	10	215T	18.0	091451		1900	1.09	5	213T	19.7	091482
							1900	1.09	5	184T	19.7	091483
							1900	1.09	3	182-184T	19.7	091484
2800	1.60	25	284T	19.7	091452							
2800	1.60	20	256T	19.7	091453							
2800	1.60	15	254T	19.7	091454		1750	1.00	5	213T	19.7	091485
2800	1.60	10	215T	19.7	091455		1750	1.00	5	184T	19.7	091486
							1750	1.00	3	182-184T	19.7	091487
2700	1.55	25	284T	19.0	091456							
2700	1.55	20	256T	19.0	091457							
2700	1.55	15	254T	19.0	091457							
2700	1.55	10	215T	19.0	091458							
2700	1.55	7.5	213-215T	19.0	091458							
2600	1.49	15	254T	19.5	091459							
2600	1.49	10	215T	19.5	091460							
2600	1.49	7.5	213-215T	19.5	091461							
2500	1.43	15	254T	19.3	091462							
2500	1.43	10	215T	19.3	091463							
2500	1.43	7.5	213-215T	19.3	091464							



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Horizontal V-Belt Base, Motor Speed: **3450 RPM**  
 V-Belt Drive, Sheaves & Bushings, Pump Shaft: **1.37 Dia.**

## Self-Priming Universal/Electric Driven

Driven Speed	Speed Ratio	Motor HP	Frame Size	Center Distance	Drive P/N		Driven Speed	Speed Ratio	Motor HP	Frame Size	Center Distance	Drive P/N
3450	1.00	30	286T	19.2	091488		2400	1.44	15	254T	19.0	091518
3450	1.00	25	284T	19.2	091488		2400	1.44	10	215T	19.0	091519
3450	1.00	20	256T	19.2	091489		2400	1.44	7.5	213-215T	19.0	091520
3450	1.00	15	254T	19.2	091489							
							2300	1.50	15	254T	19.9	091521
3300	1.05	30	286T	18.8	091490		2300	1.50	10	215T	19.9	091522
3300	1.05	25	284T	18.8	091491		2300	1.50	7.5	213-215T	19.9	091522
3300	1.05	20	256T	18.8	091492		2300	1.50	5	213T	19.9	091523
3300	1.05	15	254T	18.8	091493		2300	1.50	5	184T	19.9	091524
3200	1.08	30	286T	18.2	091494		2200	1.57	15	254T	19.6	091525
3200	1.08	25	284T	18.2	091494		2200	1.57	10	215T	19.6	091526
3200	1.08	20	256T	18.2	091495		2200	1.57	7.5	213-215T	19.6	091527
3200	1.08	15	254T	18.2	091495		2200	1.57	5	213T	19.6	091527
							2200	1.57	5	184T	19.6	091528
3100	1.11	30	286T	19.0	091496		2100	1.64	15	254T	18.9	091529
3100	1.11	25	284T	19.0	091496		2100	1.64	10	215T	18.9	091530
3100	1.11	20	256T	19.0	091497		2100	1.64	7.5	213-215T	18.9	091530
3100	1.11	15	254T	19.0	091498		2100	1.64	5	213T	18.9	091531
							2100	1.64	5	184T	18.9	091532
3000	1.15	25	284T	19.5	091499							
3000	1.15	20	256T	19.5	091500		2000	1.73	7.5	213-215T	19.4	091533
3000	1.15	15	254T	19.5	091500		2000	1.73	5	213T	19.4	091534
3000	1.15	10	215T	19.5	091501		2000	1.73	5	184T	19.4	091535
							2000	1.73	3	182-184T	19.4	091536
2900	1.19	25	284T	19.9	091502							
2900	1.19	20	256T	19.9	091503		1900	1.82	7.5	213-215T	19.2	091537
2900	1.19	15	254T	19.9	091504		1900	1.82	5	213T	19.2	091538
2900	1.19	10	215T	19.9	091505		1900	1.82	5	184T	19.2	091539
							1900	1.82	3	182-184T	19.2	091540
2800	1.23	25	284T	18.7	091506							
2800	1.23	20	256T	18.7	091507		1750	1.97	5	213T	18.7	091541
2800	1.23	15	254T	18.7	091507		1750	1.97	5	184T	18.7	091542
2800	1.23	10	215T	18.7	091508		1750	1.97	3	182-184T	18.7	091542
2700	1.28	25	284T	19.6	091509							
2700	1.28	20	256T	19.6	091510							
2700	1.28	15	254T	19.6	091511							
2700	1.28	10	215T	19.6	091512							
2700	1.28	7.5	213-215T	19.6	091513							
2600	1.33	15	254T	19.3	091514							
2600	1.33	10	215T	19.3	091515							
2600	1.33	7.5	213-215T	19.3	091515							
2500	1.38	15	254T	19.7	091516							
2500	1.38	10	215T	19.7	091517							
2500	1.38	7.5	213-215T	19.7	091517							