



PINNACLE-FLO, INC.

8831



8830 Series

8832



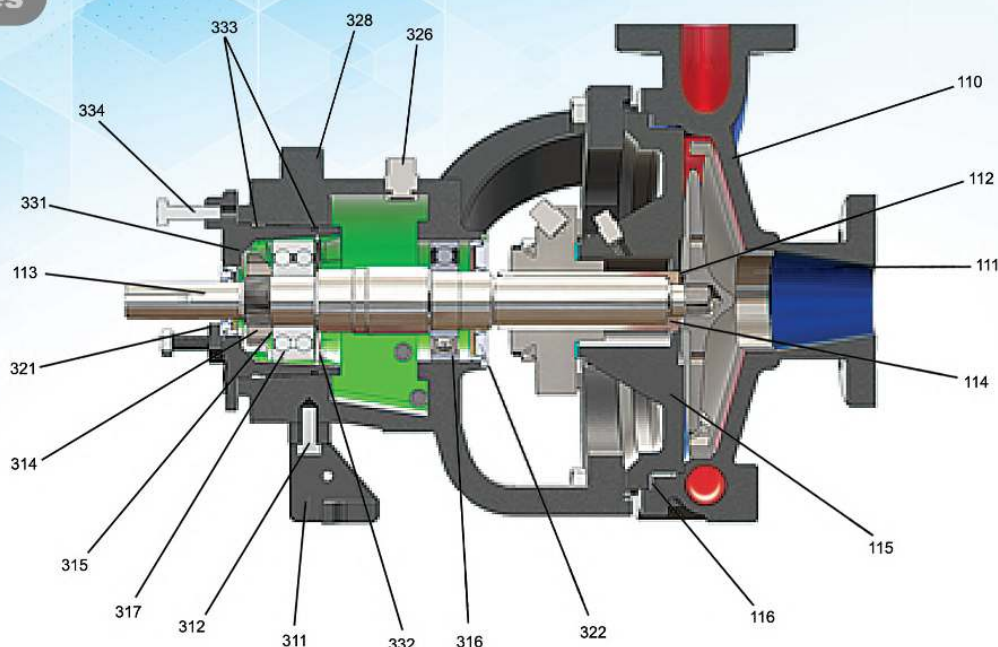


Pinnacle-Flo, Inc.

8830 Series

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Sectional View



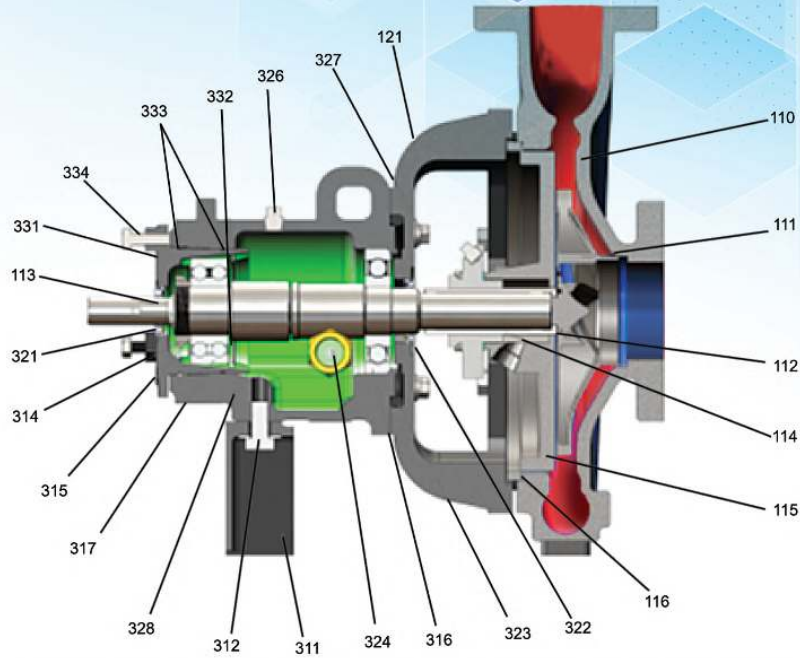
Specifications 8831 / 8832

- Manufactured to meet ANSI/ASME B73.1 standard
- Inpro bearing isolators
- Standard, large and modified seal chambers
- External impeller adjustment
- Multiple materials of construction available (Carbon Steel, 316SS, CD4, Alloy 20, Hast C)
- Reverse vane impeller design
- 100% interchangeable with Durco Mark III® Groups 1 & 2
- Various shaft and shaft sleeve combinations

PARTS LIST & MATERIALS OF CONSTRUCTION

ITEM NUMBER	PART NAME	MATERIAL			
		WCB	CD4MCu	HAST C	ALLOY 20 *
110	Casing	WCB	CD4MCu	HAST C	Alloy 20 *
111	Impeller	WCB	CD4MCu	HAST C	Alloy 20 *
112	Gasket, Impeller		Teflon		
113	Shaft-Less Sleeve (Optional)		316SS		
113	Shaft-With Sleeve		SAE 4140		
114	Shaft Sleeve		316SS	HAST C	Alloy 20 *
115	Plate, Rear Cover	WCB	CD4MCu	HAST C	Alloy 20 *
116	Gasket, Rear Cover		Teflon		
121	Adapter, Bearing Housing (Gr. 2 & 3 Only)	WCB	CD4MCu	HAST C	Alloy 20 *
122	Stud & Nut, Casing	Grade 8	316SS	316SS	316SS
210	Seal, Mechanical				
211	Gland, Packing Optional	WCB	316SS	316SS	316SS
212	Gasket, Gland				
311	Foot, Bearing Housing		WCB		
312	Screw, Foot		CS	316SS	
314	Locknut, Bearing		CS		
315	Lockwasher, Bearing		CS		
316	Bearing, Inboard		CS		
317	Bearing, Outboard		CS		
318	Key, Shaft/Coupling		CS		
321	Oil Seal, (Outboard)		Stainless Steel / Bronze		
322	Oil Seal, (Inboard)		Stainless Steel / Bronze		
323	Labyrinth Oil Seal, (Inboard)		NBR		
324	Labyrinth Oil Sight Glass		WCB	316SS	
326	Vent Plug, Bearing Housing		WCB	316SS	
327	Capscrew, Adapter, (Gr. 2 & 3 Only)		CS		
328			WCB		
331	Framer, Bearing		WCB		
332	Retainer, Bearing Carrier		CS		
333	O-Ring, Bearing Carrier		NBR		
334	Screw, Bearing Carrier		CS		
335	Screw, Cover/Adapter		CS		

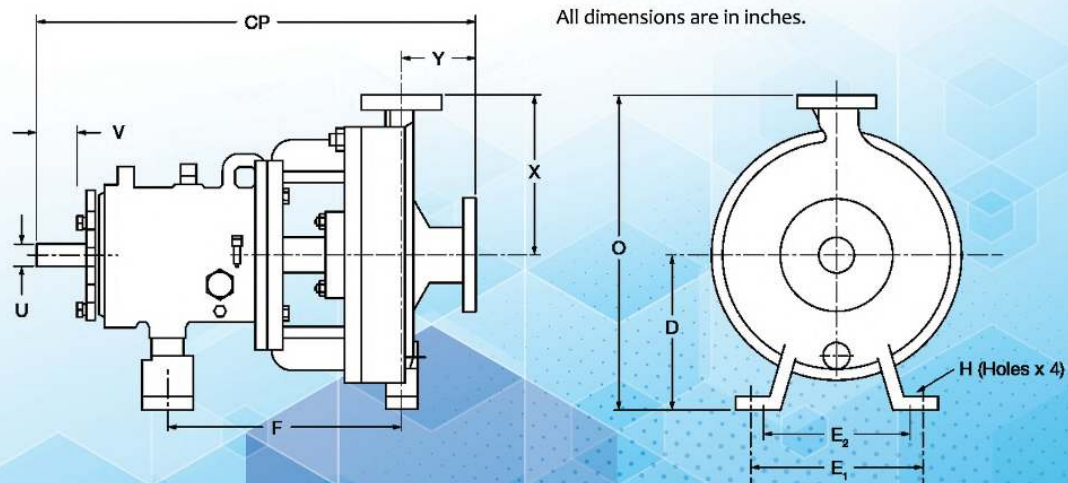
* Available upon request



8832

Sectional View

	PUMP SIZE	DISCHARGE	SUCTION	CP	D	X	O	E ₁	E ₂	F	U	Y	V min.	H
8831	1.5 x 1-62	1	1.5	17.5	5.25	6.5	11.75	6	0	7.25	0.875	4	2	0.625
	1.5 x 1-82	1	1.5	17.5	5.25	6.5	11.75	6	0	7.25	0.875	4	2	0.625
	3 x 1.5-62	1.5	3	17.5	5.25	6.5	11.75	6	0	7.25	0.875	4	2	0.625
	3 x 1.5-82	1.5	3	17.5	7.00	7.5	11.75	6	0	7.25	0.875	4	2	0.625
	3 x 2-62	2	3	17.5	5.25	6.5	14.50	6	0	7.25	0.875	4	2	0.625
8832	3 x 2-82	2	3	23.5	8.25	9.5	17.75	9.75	7.25	12.5	1.125	4	2.625	0.625
	4 x 3-82	3	4	23.5	8.25	11	19.25	9.75	7.25	12.5	1.125	4	2.625	0.625
	2 x 1-10A	1	2	23.5	8.25	8.5	16.75	9.75	7.25	12.5	1.125	4	2.625	0.625
	3 x 1.5-10A	1.5	3	23.5	8.25	8.5	16.75	9.75	7.25	12.5	1.125	4	2.625	0.625
	3 x 2-10A	2	3	23.5	8.25	9.5	17.75	9.75	7.25	12.5	1.125	4	2.625	0.625
	4 x 3-10	3	4	23.5	8.25	11	19.25	9.75	7.25	12.5	1.125	4	2.625	0.625
	4 x 3-10H	3	4	23.5	10	12.5	22.5	9.75	7.25	12.5	1.125	4	2.625	0.625
	6 x 4-10	4	6	23.5	10	13.5	23.5	9.75	7.25	12.5	1.125	4	2.625	0.625
	6 x 4-10A	4	6	23.5	10	13.5	23.5	9.75	7.25	12.5	1.500	4	2.625	0.625
	6 x 4-10H	4	6	23.5	10	13.5	23.5	9.75	7.25	12.5	1.500	4	2.625	0.625
	3 x 1.5-13	1.5	3	23.5	10	10.5	20.5	9.75	7.25	12.5	1.125	4	2.625	0.625
	3 x 2-13	2	3	23.5	10	11.5	21.5	9.75	7.25	12.5	1.125	4	2.625	0.625
	4 x 3-13	3	4	23.5	10	12.5	22.5	9.75	7.25	12.5	1.125	4	2.625	0.625
	6 x 4-13A	4	6	23.5	10	13.5	23.5	9.75	7.25	12.5	1.125	4	2.625	0.625



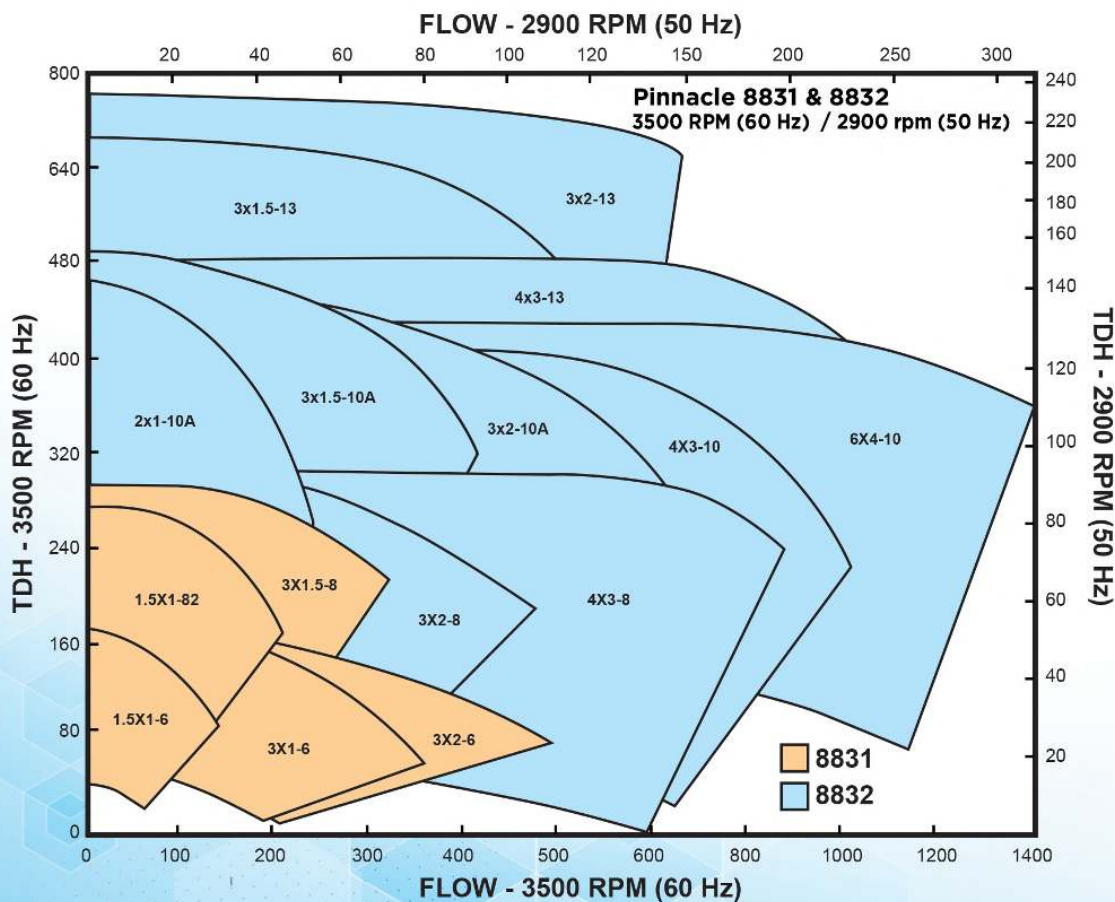
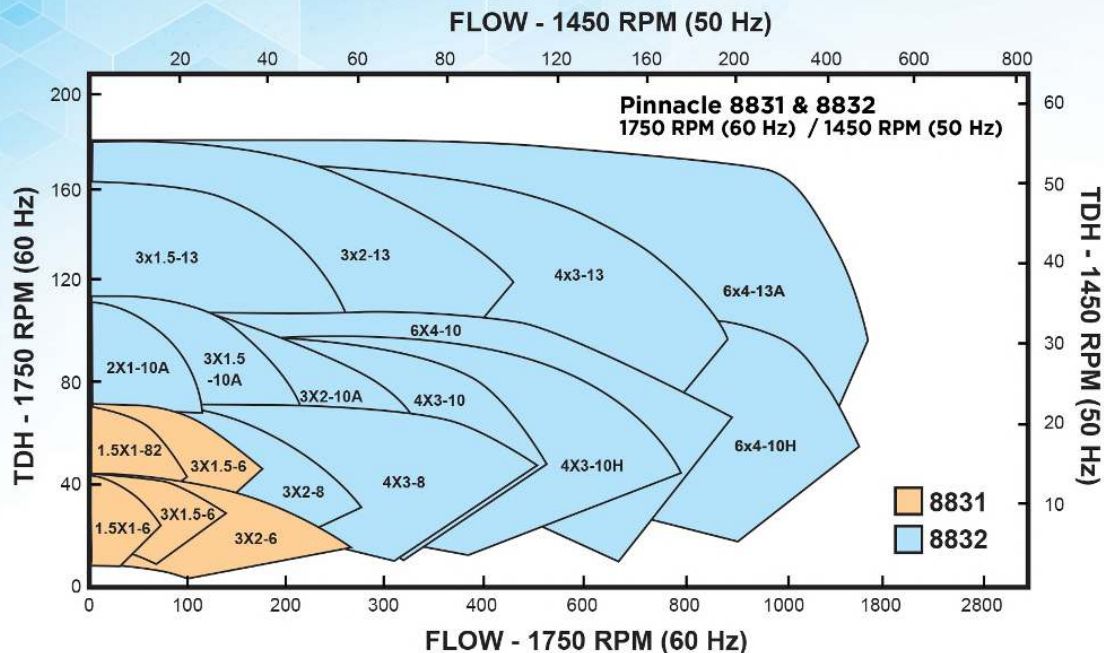


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8830 Series

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