



# OBERDORFER PUMPS

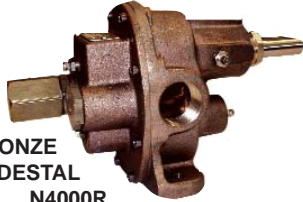
A Subsidiary of Thomas Industries Inc.  
P.O. BOX 4770 SYRACUSE, NEW YORK 13221-4770

## GENERAL OVERVIEW

BRONZE  
CLOSE COUPLED  
N970



BRONZE  
PEDESTAL  
N4000R



BRONZE PEDESTAL  
ROTARY GEAR  
N13HDM



PLASTIC  
CENTRIFUGAL  
144



RUBBER  
ROLLER  
310F



BRONZE  
CENTRIFUGAL 50P



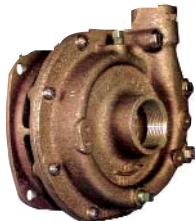
DUCTILE IRON  
CLOSE COUPLED  
C992



BRONZE  
CLOSE  
COUPLED  
N991



DUCTILE IRON  
CLOSE COUPLED  
C994



CLOSE COUPLED  
CENTRIFUGAL  
700



BRONZE  
HELICAL ROTOR  
101BG



BRONZE PEDESTAL  
RUBBER IMPELLER  
301M

### BRONZE FEATURES

- Bronze Corrosion Resistant Castings
- Special Cast Bronze Gears
- Stainless Steel Shafts & Fasteners
- Heavy Duty Carbon Bearings (Self Lubricating)
- Positive Displacement Flow

### CENTRIFUGAL FEATURES (750B, 75B, 300B, 30PB)

- Self-Priming to 20 Feet Suction Lift
- Available All Bronze or Corrosion Resistant Aluminum
- Bronze Models with Monel Shaft (30PB-1) Ideal for Marine Service. (Air Conditioning, Bilge, and Sea Water Recirculating)
- Can Handle Most Difficult Solvents with Proper Seal Arrangement, Viton(R)\* (S10) or Teflon(R)\* (S11) available.

### RUBBER IMPELLER FEATURES

- Bronze Construction - Corrosion Resistance
- Large Suction and Discharge Ports
- Neoprene Impeller Standard, Buna N Impeller Optional
- High Chrome Nickel Stainless Steel Shaft

### HELICAL ROTOR FEATURES

- All Bronze or Corrosion Resistant Aluminum Construction
- Easily Mounted in Field to your own 56 Frame Motor & 56C for explosion-proof motors
- Carbon Face Mechanical Seal
- Quiet Running
- Can Handle Contaminated Liquids
- Buna Stator and Stainless Steel Rotor

INDEX	ROTARY GEAR		CENTRIFUGAL			RUBBER IMPELLER	PROGRESSIVE CAVITY	RUBBER ROLLER
	Bronze	Ductile Iron	Bronze	Aluminum	Plastic	Bronze	Bronze or Aluminum	Bronze
Flow	0-175 GPM	0-30 GPM	0-100 GPM	0-100 GPM	0-2.2 GPM	0-58 GPM	0-8.5 GPM	0-9 GPM
Pressure	0-150 PSI	0-500 PSI	0-60 PSI	0-60 PSI	0-35 PSI	0-40 PSI	0-100 PSI	0-70 PSI



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## BRONZE GEAR

1725 RPM (Water at 1 cP, 20° C)

PUMP MODELS			PORTS	NOMINAL FLOW GPM	50 psi		100 psi		150 psi	
Pedestal	Close Coupled	Carbonator			FLOW GPM	POWER BHP	FLOW GPM	POWER BHP	FLOW GPM	POWER BHP
	N999E	N95	1/4	1	0.8	0.09	0.6	0.15	0.4	0.22
N1000E	N991E	N91 N61	1/4	2	1.8	0.17	1.5	0.28	1.2	0.39
N2000E	N992E		1/4	4	3.5	0.25	3.0	0.43	2.5	0.68
N3000E	N993E		3/8	8	6.6	0.73	6.0	1.1	5.5	1.4
N4000E	N994E		1/2	10	10.0	1.1	9.4	1.8	9	2.3
N7000E	N970E		3/4	19	18.9	1.6	18.0	2.7	17.4	3.6
N9000E	N990E		1	23	22.3	1.7	21.3	2.7	20.1	3.7
N11H	N1100E		1 1/4	60	56	4.0	51	6.0		
N13H N13500			1 1/2	90	84	6.4	81	9.4		
N26HD			2	170	169	13	163	19		

## CENTRIFUGALS

PUMP MODELS			Material of Construction	PORT SIZE	MAX SPEED	MAX HEAD		MAX CAPACITY
Pedestal Mount	Close Coupled			INCHES	RPM	FEET	PSI	GPM
	142 144		Non-Metallic	3/8	10,000	81	35.0	2.2
50	101M 500		Bronze	3/8	3450	25	10.8	8.0
	170M 172B		Bronze	3/4	3700	14	6.1	20
60	104M 600		Bronze	3/4 x 1/2	3450	52	22.5	24
	109M		Bronze	1 1/4 x 1	3450	44	19.1	60
	700A		Bronze	1 1/4 x 1	3450	30	13.0	60
	700B		Bronze	1 1/4 x 1	3450	43	18.6	70
	700C		Bronze	1 1/4 x 1	3450	52	22.5	80
800			Bronze or Aluminum	1 1/4 x 1	3450	135	58.5	80
70 119M	700D		Bronze	1 1/4 x 1	3450	68	29.5	90
81	815		Bronze	1 1/2 x 1 1/4	3450	100	43.3	94
82	820		Bronze	1 1/2 x 1 1/4	3450	115	49.8	97
83	830		Bronze	1 1/2 x 1 1/4	3450	128	55.5	100

## SELF-PRIMING CENTRIFUGALS

PUMP MODELS			Material of Construction	PORT SIZE	MAX SPEED	MAX HEAD		MAX CAPACITY	LIFT
Pedestal Mount	Close Coupled			INCHES	RPM	FEET	PSI	GPM	FEET
30	300		Bronze or Aluminum	1	3450	35	15.2	20.0	15
75	750		Bronze or Aluminum	1 1/2	3450	82	35.5	90.0	15

## RUBBER IMPELLER PUMPS

	PORT SIZE	MAX SPEED	MAX HEAD		MAX CAPACITY
	INCHES	RPM	FEET	PSI	GPM
<b>Pedestal Mount</b>					
N200M	3/8	3000	49	21	5.0
201M	1/2	3450	60	26	11.0
301M	3/4	3450	81	35	21
401M-2	1	3000	92	40	36
403M	1	3000	92	40	36
404M	1	3000	92	40	36
501M	1 1/4	1750	104	45	58

### Flange Mount

N202M-3	3/8	3450	60	26	9
N202M-7	3/8	3450	60	26	11
N202M-11	1	3450	60	26	11
N202M-15	3/8	3450	60	26	11

### Close Coupled

201D	3/8	2300	39	17	7
209M	1 1/2 x 3/8	2600	28	12	9
210	1/2	1725	69	30	6
211D	1	1725	60	26	7
211M	3/4	3450	69	30	13
214M	1 1/2 x 3/8	3450	69	30	13
305M	1	1200	46	20	8
405M-4	1	1725	99	43	25
406M-4	1 1/2 x 1	1725	99	43	25

## PROGRESSIVE CAVITY (HELICAL ROTOR)

(Water at 1 cP, 20° C)

PUMP MODELS			Speed RPM	Material of Construction	PORTS	50 psi		100 psi	
Pedestal	Close Coupled					FLOW GPM	POWER BHP	FLOW GPM	POWER BHP
	Electric Motor	Gas Engine							
101	121		1725	Bronze or Aluminum	3/4	6.0	0.50	3.3	0.75
		111	2100	Bronze or Aluminum	3/4	7.5	0.80	4.0	1.2

## BRONZE RUBBER ROLLER PUMPS

(Water at 1 cP, 20° C)

PUMP MODELS			Speed RPM	PORTS		40 psi		70 psi	
Pedestal	Close Coupled			internal	external	FLOW GPM	POWER BHP	FLOW GPM	POWER BHP
	Electric Motor	Gas Engine		FNPT	Garden Hose				
31	310		1725	1/2	3/4	5.2	0.38	4.8	0.52
			1400	1/2	3/4	4.1	0.30	3.7	0.45
32	320		1725	1/2	3/4	8.0	0.64	7.2	0.94
			1400	1/2	3/4	7.4	0.48	6.9	0.68
		320G-UGY	3100	1/2	3/4	11.0	2.0	10.7	2.5