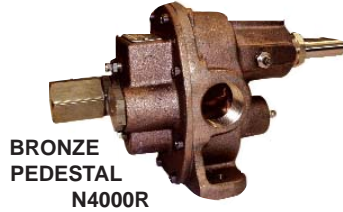


**METRIC
VERSION**

OBERDORFER PUMPS
A Subsidiary of Thomas Industries Inc.

GENERAL OVERVIEW

**BRONZE
CLOSE COUPLED
N970**



**BRONZE
PEDESTAL
N4000R**



**BRONZE PEDESTAL
ROTARY GEAR
N13HDM**



**PLASTIC
CENTRIFUGAL
144**



**RUBBER
ROLLER
310F**



**BRONZE
CENTRIFUGAL 50P**



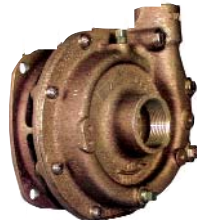
**DUCTILE IRON
CLOSE COUPLED
C992**



**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, 35PB)

- Self-Priming to 6 Meters of H₂O 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 IEC Frame Motor & IEC 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
Materials	Bronze	Ductile Iron	Bronze	Aluminum	Plastic	Bronze	Bronze or Aluminum	Bronze
Flow	0-662 LPM	0-113 LPM	0-378 LPM	0-378 LPM	0-8 LPM	0-219 LPM	0-32 LPM	0-34 LPM
Pressure	0-10 BAR	0-34 BAR	0-4 BAR	0-4 BAR	0-2 BAR	0-3 BAR	0-7 BAR	0-5 BAR



BRONZE GEAR

1425 RPM (Water at 1 cP, 20° C)

PUMP MODELS			PORTS	NOMINAL FLOW	3 bar		7 bar		10 bar	
Pedestal	Close Coupled	Carbonator			FLOW	POWER	FLOW	POWER	FLOW	POWER
			BSPT	LPM	LPM	KW	LPM	KW	LPM	KW
	N999E	N95	1/4	2.5	2.1	0.09	1.5	0.17	0.9	0.22
N1000E	N991E	N91 N61	1/4	6.5	5.4	0.10	3.8	0.19	2.6	0.25
N2000E	N992E		1/4	12	11.0	0.16	9.3	0.33	7.9	0.45
N3000E	N993E		3/8	22	19.8	0.35	17.4	0.65	15.8	0.85
N4000E	N994E		1/2	32	30	0.8	28	1.2	26	1.4
N7000E	N970E		3/4	60	57	0.9	53	1.5	51	2
N9000E	N990E		1	70	69	1.1	66	1.9	63	2.5
N11H N11HD N11500	N1100E		1 1/4	180	165	1.9	147	3.5		
N13H N13500 N13HD			1 1/2	265	260	6	245	10		
N26HD			2	540	521	11	502	18		

CENTRIFUGALS

PUMP MODELS			Material of Construction	PORT SIZE	MAX SPEED	MAX HEAD		MAX CAPACITY	
Pedestal Mount	Close Coupled			INCHES	RPM	METERS	BAR	M ³ / H	Liters / min.
	142 144		Non-Metallic	3/8	10,000	25	2.5	0.5	8
50	101M 500		Bronze	3/8	3450	8	0.8	1.8	30
	170M 172M		Bronze	3/4	3700	4	0.4	4.5	76
60	104M 600		Bronze	3/4 x 1/2	3450	16	1.6	5.5	91
	109M		Bronze	1 1/4 x 1	3450	13	1.4	13.6	227
	700A		Bronze	1 1/4 x 1	3450	9	0.9	13.6	227
	700B		Bronze	1 1/4 x 1	3450	13	1.3	15.9	265
	700C		Bronze	1 1/4 x 1	3450	16	1.6	18.2	303
800			Bronze or Aluminum	1 1/4 x 1	3450	41	4.2	18.2	303
70 119M	700D		Bronze	1 1/4 x 1	3450	21	2.1	20.4	341
81	815		Bronze	1 1/2 x 1 1/4	3450	30	3.1	21.3	356
82	820		Bronze	1 1/2 x 1 1/4	3450	35	3.6	22.0	367
83	830		Bronze	1 1/2 x 1 1/4	3450	39	4.0	22.7	379

SELF-PRIMING CENTRIFUGALS

PUMP MODELS			Material of Construction	PORT SIZE	MAX SPEED	MAX HEAD		MAX CAPACITY		LIFT
Pedestal Mount	Close Coupled			INCHES	RPM	METERS	BAR	M ³ / H	Liters / min.	METERS
30	300		Bronze or Aluminum	1	3450	11	1.1	4.5	76	5
75	750		Bronze or Aluminum	1 1/2	3450	25	2.5	20.4	341	5

RUBBER IMPELLER PUMPS

PUMP MODELS	PORT SIZE	MAX SPEED	MAX HEAD		MAX CAPACITY	
	INCHES	RPM	METERS	BAR	M ³ / H	Liters / min.
Pedestal Mount						
N200M	3/8	3000	15	1.5	1.1	19
201M	1/2	3450	18	1.9	2.5	42
N301M	3/4	3450	25	2.5	4.7	78
401M-2	1	3000	28	2.9	8.2	136
403M	1	3000	28	2.9	8.2	136
404M	1	3000	28	2.9	8.2	136
501M	1 1/4	1750	32	3.2	13.2	220

Flange Mount

N202M-3	3/8	3450	18	1.9	2.1	35
N202M-7	3/8	3450	18	1.9	2.6	43
N202M-11	1	3450	18	1.9	2.6	43
N202M-15	3/8	3450	18	1.9	2.6	43

Close Coupled

201D	3/8	2300	12	1.2	1.6	26
209M	1 1/2 x 3/8	2600	8	0.9	2.0	34
210	1/2	1725	21	2.2	1.4	23
211D	1	1725	18	1.9	1.5	25
211M	3/4	3450	21	2.2	2.8	47
214M	1 1/2 x 3/8	3450	21	2.2	2.8	47
305M	1	1200	14	1.4	1.8	30
405M-4	1	1725	30	3.1	5.7	95
406M-4	1 1/2 x 1	1725	30	3.1	5.7	95

PROGRESSIVE CAVITY (HELICAL ROTOR)

(Water at 1 cP, 20° C)

PUMP MODELS			Speed	Material of Construction	PORTS	3 bar		7 bar	
Pedestal	Close Coupled					FLOW	POWER	FLOW	POWER
			RPM			LPM	KW	LPM	KW
	Electric Motor	Gas Engine							
101	121		1425	Bronze or Aluminum	3/4	20	0.45	12	1.0
			111	Bronze or Aluminum	3/4	30	0.66	15	1.5

BRONZE RUBBER ROLLER PUMPS

(Water at 1 cP, 20° C)

PUMP MODELS			Speed	PORTS		2.9 bar		5 bar				
Pedestal	Close Coupled			internal	external	FLOW	POWER	FLOW	POWER			
			RPM	BSPT	Garden Hose	M ³ / H	Liters / min.	M ³ / H	Liters / min.			
	Electric Motor	Gas Engine										
31	310		1725	1/2	3/4	1.2	20	0.51	1.1	18	0.70	
			1400	1/2	3/4	0.9	16	0.40	0.8	14	0.60	
32	320		1725	1/2	3/4	1.8	30	0.86	1.6	27	1.3	
			1400	1/2	3/4	1.7	28	0.64	1.5	26	0.91	
			320G-UGY	3100	1/2	3/4	2.5	42	2.7	2.4	40	3.4