



OBERDORFER PUMPS

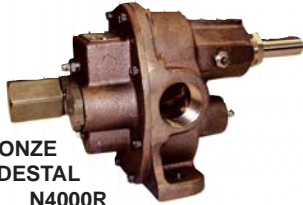
A Gardner Denver Product

GENERAL OVERVIEW

**BRONZE
CLOSE COUPLED
N970**



**BRONZE
PEDESTAL
N4000R**



**BRONZE PEDESTAL
ROTARY GEAR
N13HDM**



**PLASTIC
CENTRIFUGAL
144**



**RUBBER
ROLLER
310F**



**BRONZE
CENTRIFUGAL 50P**



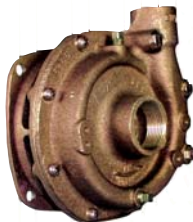
**DUCTILE IRON
CLOSE COUPLED
C992**



**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, Fluoroelastomer (FKM) (S10) or c fluoroethylene (PTFE) (S11) available

RUBBER IMPELLER FEATURES

- Bronze Construction - Corrosion Resistance
- Large Suction and Discharge Ports
- Polychloroprene Impeller Standard, Acrylonitrile-Butadiene (NBR) 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
- Acrylonitrile-Butadiene (NBR) Stator and Stainless Steel Rotor

INDEX	ROTARY GEAR		CENTRIFUGAL		RUBBER IMPELLER	PROGRESSIVE CAVITY	RUBBER ROLLER
Materials	Bronze	Ductile Iron	Bronze	Plastic	Bronze	Bronze or Aluminum	Bronze
Flow	0-175 GPM	0-30 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	0-35 PSI	0-40 PSI	0-100 PSI	0-70 PSI



BRONZE GEAR

1725 RPM (Water at 1 cP, 20° C)

PUMP MODELS			PORTS	NOMINAL FLOW	50 psi		100 psi		150 psi	
Pedestal	Close Coupled	Carbonator			FLOW	POWER	FLOW	POWER	FLOW	POWER
			NPT	GPM	GPM	BHP	GPM	BHP	GPM	BHP
	N999	N95	1/4	1	0.8	0.09	0.6	0.15	0.4	0.22
N1000	N991	N91 N61	1/4	2	1.8	0.17	1.5	0.28	1.2	0.39
N2000	N992		1/4	4	3.5	0.25	3.0	0.43	2.5	0.68
N3000	N993		3/8	8	6.6	0.73	6.0	1.1	5.5	1.4
N4000	N994		1/2	10	10.0	1.1	9.4	1.8	9	2.3
N7000	N970		3/4	19	18.9	1.6	18.0	2.7	17.4	3.6
N9000	N990		1	23	22.3	1.7	21.3	2.7	20.1	3.7
N11H	N1100		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
800B			Bronze	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
30PB	300B		Bronze	1	3450	35	15.2	20.0	15
75	750		Bronze	1 1/2	3450	82	35.5	90.0	15

RUBBER IMPELLER PUMPS

Pedestal Mount	PORT SIZE		MAX SPEED	MAX HEAD		MAX CAPACITY
	INCHES		RPM	FEET	PSI	GPM
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	Material of Construction	PORTS	50 psi		100 psi		
Pedestal	Close Coupled					FLOW	POWER	FLOW	POWER	
			RPM				GPM	BHP	GPM	BHP
	Electric Motor	Gas Engine								
121	101		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	PORTS		40 psi		70 psi		
Pedestal	Close Coupled			internal	external	FLOW	POWER	FLOW	POWER	
			RPM				GPM	BHP	GPM	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	0.88	
		320G-UGY	3100	1/2	3/4	11.0	2.0	10.7	2.5	