

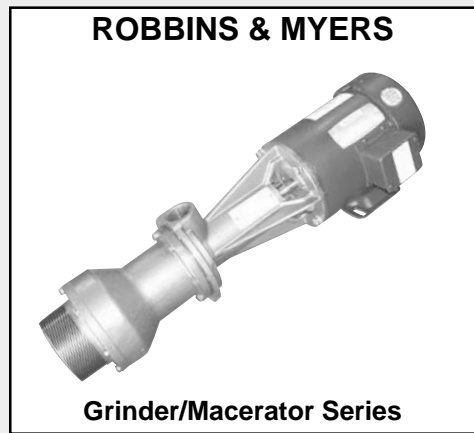
# PROGRESSIVE CAVITY

## UP TO 15 GPM, 100 PSI GRINDER PROGRESSIVE CAVITY

This unique pump by Robbins & Myers will macerate sewage or other like solids with its carbide tipped cutter disk and hardened steel cutter ring. It mounts on any standard 56C drive allowing a multitude of options to fit your requirements. (In applications other than sewage, the maximum viscosity is 500 SSU.)

- Up to 15 GPM
- Up to 100 PSI
- Temperatures to 160° F
- Requires flooded suction
- Materials of construction: Cast Iron housing, Nitrile stator, Buna mechanical seal and hardened steel cutter

PSI	Capacity in GPM by Model Number			
	41502	42202	43302	44402
0	1.95	5.1	9.2	14.6
20	1.85	4.8	8.5	14.0
40	1.76	4.4	7.7	13.0
60	1.67	4.0	6.8	12.0
80	1.60	3.8	6.0	10.8
NPSHR Ft.	1.2	1.9	2.6	4.1

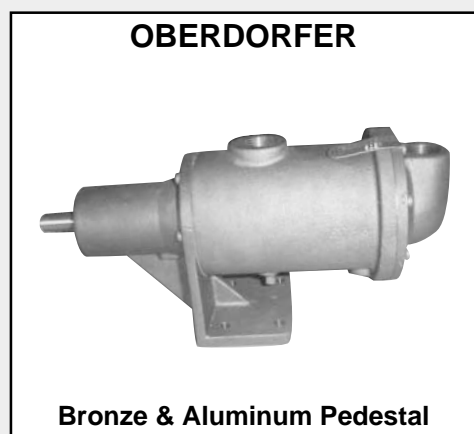


## UP TO 8.5 GPM, 100 PSI IN BRONZE OR ALUMINUM

The Oberdorfer progressive cavity pump comes standard with a Buna carbon/ceramic seal, Buna stator, and stainless fasteners. Viscosities of up to 50,000 ssu can be handled at reduced speeds. Call us for assistance in sizing the pump to your system.

- Up to 8.5 GPM
- Up to 100 PSI
- Temperatures to 180° F
- Self-priming to 20 feet
- Materials of construction: Bronze or Aluminum body, Chrome plated SS rotor, Buna elastomers

Pump RPM	Capacity in GPM at PSI					
	0	20	40	60	80	100
400	1.4	1.3	1.2	1.1	.9	.7
600	2.4	2.3	2.1	1.8	1.6	1.2
800	3.6	3.4	3.0	2.7	2.1	1.6
1000	4.6	4.2	3.7	3.2	2.7	2.0
1200	5.6	5.1	4.6	3.9	3.3	2.6
1400	6.7	5.9	5.1	4.4	3.7	3.1
1600	7.8	6.8	5.9	5.0	4.2	3.5
1725	8.5	7.5	6.5	5.5	4.5	3.7

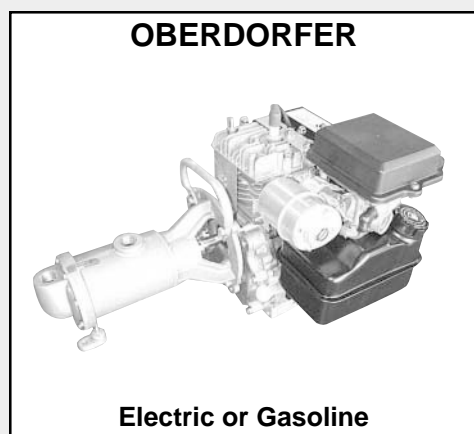


## UP TO 10 GPM, 100 PSI IN BRONZE OR ALUMINUM

This is the close-coupled version of the Oberdorfer 121 series shown above. It is available in two configurations allowing engine or electric mounting. Below are their respective flow/pressure charts for water at 60° F. Custom drives are available in reduced or variable speed for higher viscosities.

- Up to 10 GPM
- Up to 100 PSI
- Temperatures to 180° F
- Self-priming to 20 feet
- Materials of construction: Bronze or Aluminum body, Chrome plated SS rotor, Buna elastomers

Pump Series	Capacity in GPM at PSI										
	0	10	20	30	40	50	60	70	80	90	100
101 Electric at 1800 RPM	8 1/2	8	7 1/2	7	6 1/2	6	5 1/2	5	4 1/4	3 1/4	3 1/4
111 Engine at 2100 RPM	10	9 1/2	9	8 1/2	8	7 1/2	7	6	5	4 1/2	4



## UP TO 880 GPM, 350 PSI PROGRESSIVE CAVITY PUMPS

These engineered progressive cavity pumps are of a modular design that makes maintenance a snap. Their smooth flow, solids and abrasive capabilities, elastomer and flushed seal options, and reversible rotation allows the handling of straight forward to exotic applications. Pumps are available in cast iron or stainless construction and have the elastomer options of Buna, Viton, EPDM and natural rubber.

- Up to 880 GPM
- Up to 350 PSI
- Temperatures to 350° F
- Self-priming to 28 feet
- Passes solids to 1"
- Materials of construction: Cast Iron or 316SS body, Chrome plated SS rotor,
- Elastomers Options: Buna, Viton, EPDM or natural Rubber

