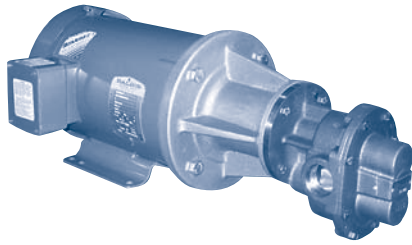


OBERDORFER



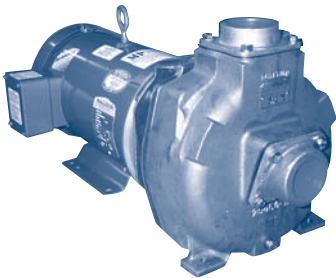
Bronze Gear Pumps

ELECTRIC DRIVEN GEAR PUMP, UP TO 61 GPM, 100 PSI

The bronze Oberdorfer 1100 series meets USCG specifications as an auxiliary fire pump for most vessels. Options include single or three phase voltage, 50 or 60hz, IEEE-45 enclosure, and custom configurations that meet MCA, Lloyds, ABS, and USCG specifications. Below are some examples of the choices available. Call us for information on the configuration to meet your requirements.

Model Number 60 hz, 1 1/4" Ports	HP	Voltage	Phase	GPM at PSI				Max PSI
				20	40	60	100	
N1100Y-10X18BCT	5	230 vac	1	58	56	55	—	60
N1100Y-30X18BCT	5	230/460 vac	3	58	56	55	—	60
N1100Z-10V18BCT	10	230 vac	1	58	56	55	50	100
N1100Z-30V18BCT	10	230/460 vac	3	58	56	55	50	100

MP HHLF



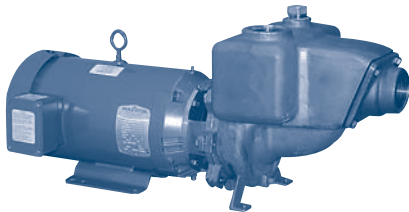
Bronze or CI Centrifugal

ELECTRIC DRIVEN CENTRIFUGAL, UP TO 140 GPM, 75 PSI

The HHLF pump by MP meets USCG specification as an auxiliary fire pump for most vessels. Options include bronze or cast iron construction, 2" or 1 1/2" ports, single or three phase voltage. Other motor options include 50 or 60hz, IEEE-45 enclosure, and custom configurations that meet MCA, Lloyds, ABS, and USCG specifications. Below are some examples of the choices available. Call us for information on the configuration to meet your requirements.

1 Phase Model Number 60 hz, 230V, 5 hp	3 Phase Model Number 60 hz, 230/460V, 7 1/2 hp	Body Material	Port Size	GPM at PSI				Max PSI
				20	40	60	70	
HHLF-2B-10X36BCT	HHLF-2B-30G36BCT	Bronze	2"	145	123	66	30	75
HHLF-2C-10X36BCT	HHLF-2C-30G36BCT	Cast Iron	2"	145	123	66	30	75
HHLF-1-1/2B-10X36BCT	HHLF-1-1/2B-30G36BCT	Bronze	1 1/2"	140	123	66	30	75
HHLF-1-1/2C-10X36BCT	HHLF-1-1/2C-30G36BCT	Cast Iron	1 1/2"	140	123	66	30	75

AMPCO



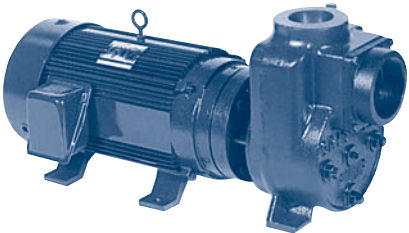
Nickel Aluminum Bronze

NICKEL ALUMINUM BRONZE CENTRIFUGAL, 10 TO 450 GPM, 150 PSI

The AMPCO RC series is suitable for bilge, ballast, fire and washdown. Its nickel aluminum bronze resists erosion, electrolysis and cavitation damage and is superior to stainless steel in saltwater. Models are available in 2" x 2" FPT and 3" x 3" FPT ports. Both sizes mount on standard "JM" frame electric motors. The 3" x 3" FPT version is also available with a mounting flange that will directly mount to a Caterpillar 3500 marine diesel engine.

Model Series	Port Size	Voltage	Hertz	HP	GPM at PSI				Max PSI
					20	40	60	100	
AMP RC2A	2" FPT	1 or 3 phase	50 or 60	3 or 5	175	150	-	-	57
AMP RC2B	2" FPT	1 or 3 phase	50 or 60	5 or 7 1/2	142	63	-	-	50
AMP RC3	3" FPT	3 phase	50 or 60	5 to 40	450	450	450	450	150

HIGH VOLUME SERIES



Cast Iron With Bronze Impeller

HIGH VOLUME CENTRIFUGAL, UP TO 335 GPM, 110 PSI

These self-priming bronze fitted cast iron centrifugal pumps will deliver high flow and pressure at an economical price. They will lift water up to 25 feet vertically and come in a variety of voltages and motor enclosures. Call for pump selection assistance.

Model Series	HP	Port Size	GPM at PSI				Max PSI
			20	40	60	100	
HL-3"	5	3"	150	150	75	0	70
HL-3"	7.5	3"	150	150	125	0	80
HL-4"	7.5	4"	275	200	20	0	65
HL-4"	10	4"	300	250	125	0	75
HL-4"	15	4"	320	320	250	0	95
HL-4"	20	4"	335	330	280	100	110