

MAGNATEX[®] MPL Series Specifications

Maximum Flow	340 GPM
Maximum Head	400 FT
Liquid Temperature	-100° F to +660° F
Maximum Power	30 HP
Maximum Working Pressure	170 or 225 psig
Connections	150# RF Flanges
Bearings	SiC/SiC-X Optional
Impeller	Enclosed
Speeds	Up to 3550 rpm
Magnets	Samarium Cobalt or Neodymium
Motor	NEMA or IEC Frame Mounted

Magnetic Drive Pumps

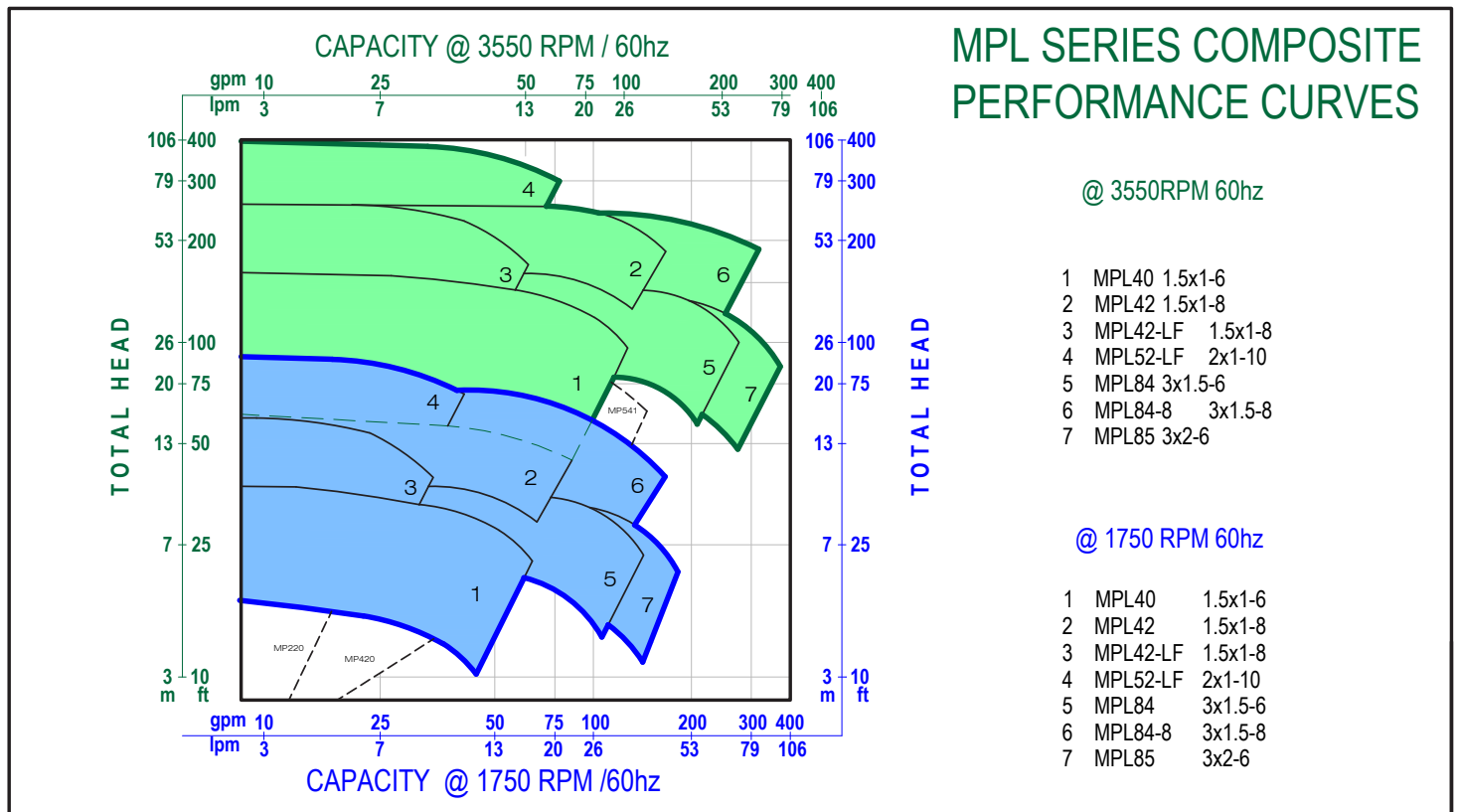
MAGNATEX[®] MPL Series

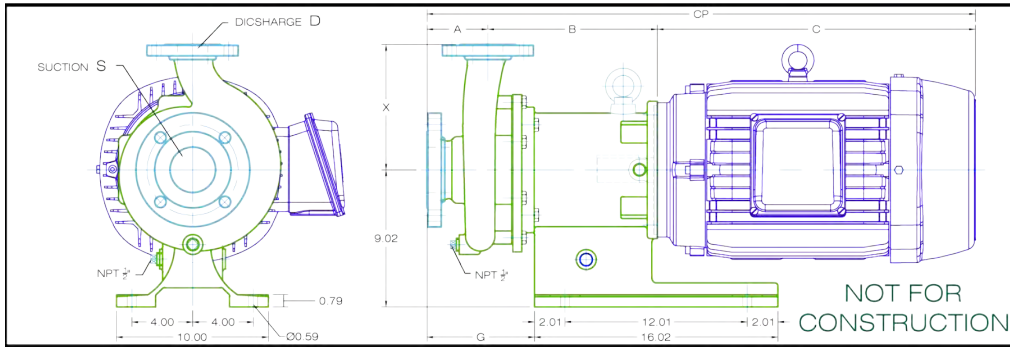
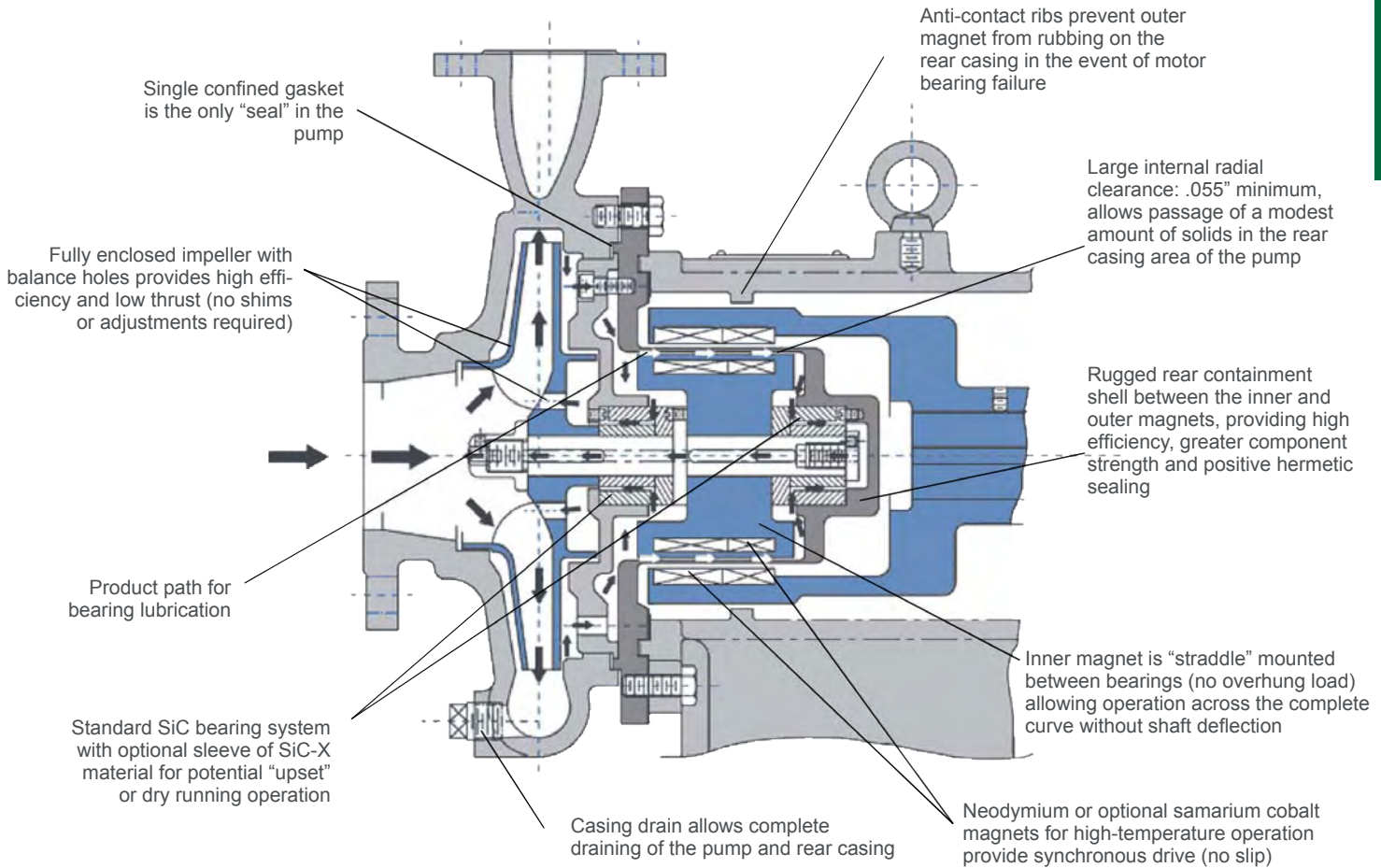
Close coupled, compact, MPL Series pumps are the efficient and dependable choice for medium to high head applications. The process side of the MPL pump conforms to ANSI B73.3 dimensions. Affordable, high performance Magnetex[®] pumps give you higher efficiency with lower first cost, lower horsepower and a lower total cost of ownership.

- Optional SiC-X bearing system for enhanced dry running capability
- Straddle-mounted, double bearing design reduces shaft load and bearing wear when compared to our competitors' typical cantilevered, overhung designs
- Slip-fit construction allows easy maintenance and on-site repairs with no special tools required
- Close-coupled configuration eliminates coupling and motor alignment issues
- No expensive mechanical seals; eliminates costly shutdowns and pump repair, which helps eliminate "Reportable Release" issues
- Handles toxic, noxious and corrosive liquids for leak-free pumping with increased safety to plant personnel and the environment
- Optional high temperature construction to handle up to 660°F
- Optional baffled rear casing design for enhanced solids handling
- Large internal flow path handles solids: 1% at 500µ; 8% at 100µ

Materials of Construction:

- 316SS
- Alloy 20
- 304SS
- Alloy B&C





CONDUIT BOX SHOWN FOR ILLUSTRATION ONLY
REQUIRED LOCATION MUST BE SPECIFIED

MAGNATEX[®]
Pumps, Inc.

DIMENSIONAL DRAWING
MPL SERIES ANSI PUMP

DRAWN BY: B. VALENTIN DATE: 06/29/10 SCALE: NTS PAGE: 1 OF 1

DD-MPL SERIES

ALL DIMENSIONS IN INCHES ± 0.12"

MODEL	DIMENSIONS																
	S	D	A	B	X	G	PUMP LBS	MOTOR FRAME	C	CP	MTR LBS	Total lbs	MOTOR FRAME	C	CP	MTR LBS	Total lbs
MPL40	1.5	1.0	4.0	11.0	6.5	6.9	187	182TC	12.02	22.98	99	286	184TC	13.01	27.99	108	295
								213TC	14.59	25.55	165	352	215TC	16.09	31.07	153	340
								254TC	19.21	30.17	238	425	256TC	20.96	35.94	259	446
MPL42	1.5	1.0	4.0	11.0	6.5	6.9	187	182TC	12.02	22.98	99	286	184TC	13.01	27.99	108	295
								213TC	14.59	25.55	165	352	215TC	16.09	31.07	153	340
								254TC	19.21	30.17	238	425	256TC	20.96	35.94	259	446
MPL42LF	1.5	1.0	4.0	11.0	6.5	6.9	187	182TC	12.02	22.98	99	286	184TC	13.01	27.99	108	295
								213TC	14.59	25.55	165	352	215TC	16.09	31.07	153	340
								254TC	19.21	30.17	238	425	256TC	20.96	35.94	259	446
MPL52LF	2.0	1.0	4.0	11.2	8.5	7.1	187	182TC	12.02	23.18	99	286	184TC	13.01	28.19	108	295
								213TC	14.59	25.75	165	352	215TC	16.09	31.27	153	340
								254TC	19.21	30.37	238	425	256TC	20.96	36.14	259	446
MPL84	3.0	1.5	4.0	11.0	6.5	6.9	187	182TC	12.02	22.98	99	286	184TC	13.01	27.99	108	295
								213TC	14.59	25.55	165	352	215TC	16.09	31.07	153	340
								254TC	19.21	30.17	238	425	256TC	20.96	35.94	259	446
MPL84-8	3.0	1.5	4.0	11.2	8.5	7.1	187	182TC	12.02	23.18	99	286	184TC	13.01	28.19	108	295
								213TC	14.59	25.75	165	352	215TC	16.09	31.27	153	340
								254TC	19.21	30.37	238	425	256TC	20.96	36.14	259	446
MPL85	3.0	2.0	4.0	11.2	8.3	7.1	187	182TC	12.02	23.18	99	286	184TC	13.01	28.19	108	295
								213TC	14.59	25.75	165	352	215TC	16.09	31.27	153	340
								254TC	19.21	30.37	238	425	256TC	20.96	36.14	259	446