



Dynapumps
DYNAMIC PUMP SOLUTIONS











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Pump Engineering Data Book

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Pump Quick Reference Chart

	Model	Max PSI	Max GPM	Max BHP	Cast Iron	Ductile Iron	NiAlBz NiAl	Carbon Steel	Alloy Steel	Stainless Steel	Exotic
BEAN Piston	A04/I04	900	9.0	3.2	x		x				
	E04	1,000	20.6	8.5	x		x				
	L06	1,000	38.8	17.6		x	x				
	L06-HV	1,200	42.6	20.7		x	x			x	
	L09	1,200	28.7	13.8	x						
	L09-HV	1,500	52.3	27.1		x	x			x	
	W11	1,000	53.0	36	x						
	L11	2,500	75.1	52		x	x	x		x	
	L12	2,500	92.6	61		x	x	x		x	
FMC Plunger	L16	2,500	115.5	105		x	x	x		x	
	D04	2,150	4.1	3.2				x	x	x	
	M06	10,000	32.3	21		x	x	x		x	x
	M08	10,000	76.5	45		x	x	x		x	x
	M12	10,000	138	77		x	x	x		x	x
	M14	10,000	213	104		x	x	x	x	x	x
	M16	10,000	351	142		x	x	x	x	x	x
	M18	10,000	372	190		x	x	x	x	x	x
	Q16	10,000	585	240		x	x	x	x	x	x
	Q18	10,000	620	325		x	x	x	x	x	x
	M28	10,000	837	440			x	x	x	x	x
	Q28	10,000	1,395	800			x	x	x	x	x
	Q32	10,000	1,594	1,000			x	x	x	x	x

Piston Pumps

FMC Technologies & Dynapumps Piston Pumps are engineered and designed to meet the market needs & requirements. By working together with their customers, FMC technologies & Dynapumps customise the designs and innovative component technology to optimise pump efficiency in the most extreme working conditions. The lower life cycle cost can be contributed to designing longer lasting parts with innovative wear characteristics into the pumping solution. Increased priming characteristics can be achieved with low clearance volume fluid chambers. The piston pumps are designed to enable service in the field, decrease any unnecessary downtime and increase production profit output.

Shaft configurations provide maximum flexibility. Straight-keyed shaft or splined shafts are available for hydraulic motors and external gear reducers.

Solid Ceramic Piston Liners provide the ultimate in wear and corrosion resistance.

Durable Fluid End designs enhance priming characteristics and component service life.

Removable Cylinder Covers allow for fast, easy maintenance of the packing without removal of the fluid end or piping.

Compact Power Frames (many with built-in gear reduction) simplify installation in mobile or space-constrained applications.

Standard Disc Valves provide quiet, efficient performance in most applications. Abrasion resistant and ball style valves are available to suit high-performance or abrasive applications.

Piston Cups incorporate a unique geometry with composite rubber and fabric construction for reliable, leak-tight performance.

FMC Technologies and Dynapumps Piston Pumps continue to create value that is unsurpassed in the industry. The versatility of a broad range of piston products combined with innovative design, component technology with lower life cycle cost and serviceability allows FMC Technologies & Dynapumps to focus on Tomorrow's Engineered Solution, Today.

The Piston Pump Product line is available in up to 700 horsepower and designed for continuous duty industrial applications. The piston pump product is available in triplex, quintuplex or quadruplex configurations and operate up to 2500 psi with flows up to 944 gpm. Pumps can incorporate ductile iron, aluminium bronze and other materials as required by the application.

Overall, FMC Technologies & Dynapumps broad product offering, serviceability, innovative designs and component technology increases productivity by decreasing downtime. FMC Technologies & Dynapumps Piston Pumps continue to lower overall cost of ownership by providing Tomorrow's Market Solutions, Today.

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