**OUTSIDE COVER** 

PSI

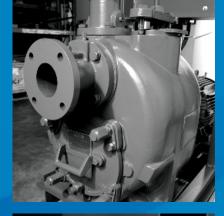


# You've used the rest. End the quest.



**Centrifugal Pumps** 

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Superior performance and durability at competitive prices







#### The global leader in fluid handling equipment!

Get your fluids in motion with the most reliable pump in the market, the PSI MAKDADDY Centrifugal Pump Line is engineered and designed for the options you need from a company with over 50 years of industry experience. From skids to seals, MAKDADDY has the options.

The MAKDADDY Centrifugal Pump System delivers improved performance, better longevity, and cost savings compared to other centrifugal pumps.

#### **Key Benefits**

Fresh Water - Sea Water - Drilling Mud

Delivers improved performance, better longevity, and cost savings compared to other centrifugal pumps.

Parts are completely interchangeable with other pumps currently on the market.

Open vane impellers designed to reduce turbulence, eliminate recirculation, lower

radial and thrust load while providing a smoother flow of fluid throughout the pump.

Guaranteed performance from a global company.

### Responses to most inquiries within 24 hours. Same-day shipping for parts in stock.





# **MAKDADDY Centrifugal Pumps**

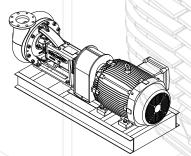
#### **Features**

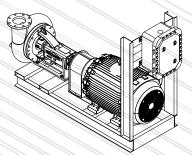
Ductile iron replaceable casing wear pad Fully open impeller Grease lubricated premium bearings Stainless steel or ceramic coated shaft sleeves Single or double mechanical seal options Labyrinth bearing seals Casing jack bolts for easy removal Thicker, stronger concentric casing Replaceable stuffing box cover

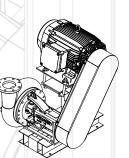
## **Sizes and Options**

Pump series: 118 & 250Pump sizes:  $3 \times 2 \times 13$  to  $8 \times 6 \times 14$ Electric, diesel, and hydraulic motor options Optional Pedestal safety guards Horizontal, space saver, and vertical skid options Shorten pedestal option for space saving Closed coupled pumps

## **Skid Options:**







Standard Inline

#### **MAKDADDY Double Mechanical Seal**



**Centrifugal Pumps** 



With the MAKDADDY, strict attention to design details, computerized modeling, quality materials and the use of state of the art manufacturing methods give our pumps and their replacement parts superior durability and performance.



MAKDADDY

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The MAKDADDY Double Mechanical Seal has been designed for high-performance sealing solutions for the toughest edge manufacturing techniques by PSI, this combination of quality represents the best solution available in the market.

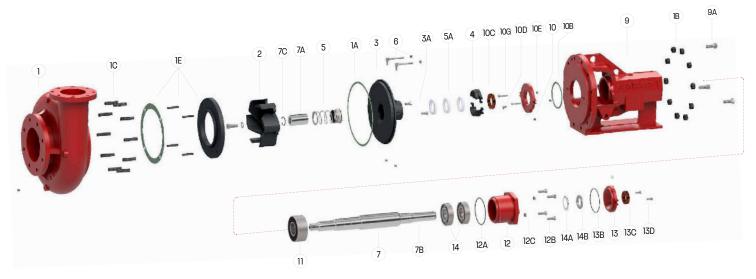
MAKDADDY

MAKDADDY'S ANSI / API Plan 52/53 mechanical seal pot systems for industrial, gas, and oil applications. Provides a protective buffer between the product and the atmosphere, and isolate products being pumped from the atmosphere. As a safety measure, seal pots perform a vital duty protecting the environment and humans from the dangers of hazardous materials.



# **PARTS - MAKDADDY Centrifugal Pumps**

Same-day shipping for parts in stock.



ITEM	PART #	NAME	QTY	ITEM	PART #	NAME	QTY
1A-E	B19203-01-30A	3 x 2 x 13 Casing	1	10C	B20619-01	Oil Seal Inboard Brg. Cap	1
1A-E	B19205-01-30A	4 x 3 x 13 Casing	1	10C Alt.	B2564-4	Labyrinth Seal Inboard Brg. Cover	1
1A-E	B19222-01-30A	5 x 4 x 14 Casing	1	10D	B3861-1	Bolt Inboard Brg. Cover	2
1A-E	B19122-01-30A	6 x 5 x 11 Casing	1	10E	3932-2	Nut Inboard Brg. Cover	2
1A-E	B19123-01-30A	6 x 5 x 14 Casing	1	10F	B20620-01	Exclusion Seal Inboard Brg. Cover	1
1A-E	B19117-01-30A	8 x 6 x 14 Casing	1	10G	B58801	Grease Fitting	3
2	B19204-90-30A	3 x 2 x 13 Impeller	1	11	B20615-1	Bearing Inboard	1
2	B19206-01-30A	4 x 3 x 13 Impeller	1	12	B20624-01-01	Bearing Housing	1
2	B19224-A0-30A	5 x 4 x 14 Impeller	1	12A	B7496-253	Seal Bearing Housing	1
2	B19121-70-30A	6 x 5 x 11 Impeller	1	12B	B3861-138	Bolt, Bearing Housing	4
2	B19121-A0-30A	6 x 5 x 14 Impeller	1	12C	B3932-62	Nut, Bearing Housing	2
2	B19116-A0-30A	8 x 6 x 14 Impeller	1	13	B20617	Outboard Brg. Cover	1
1A	B10399-46-1	Casing Gasket	1	13B	B7496-26	Seal, Outboard Brg. Cover	1
1B	B3932-61	Nut, Casing	12	13C	B20619-02	Oil Seal Outboard Brg. Cover	1
1C	B3862-76	Stud, Casing	12	13C Alt.	B2564-3	Labyrinth Seal Outboard Brg. Cove	r 1
2A	B19110-72	Impeller Seal	1	13D	B3861-139	Bolt Outboard Brg. Cover	2
3	B22223-01-30	Stuffing Box MS	1	14	B20616-1	Outboard Bearing	2
3	B20614-01-30	Stuffing Box PA	1	14A	B6124-4	Bearing Lockwasher	1
3A	B3861-117	Bolt, Stuffing Box	2	14B	B6123-4	Bearing Locknut	1
4	B20622A	Gland Assembly	1				
5	B22451-1A	Tungsten Carbide Mechanical Seal	1	WEAR PADS	S		
5B	B25014-04M-B	Graphite Pkg 6 Rings / Lantern Ring	1	1E	B2503-01-30A	6 x 5 x 11 Wear Pad	1
5B	B250147-04M-D	Teflon Pkg 6 Rings w/Lantern Ring	1	1E	B2504-01-30A	6 x 5 x 14 Wear Pad	1
5A	B25014-B-3	Graphite Pkg 3 Rings Back-Up	1	1E	B2505-01-30A	8 x 6 x 11 Wear Pad	1
5A	B2537-24	Teflong Pkg 3 Rings Back-Up	1	1E	B2506-01-30A	8 x 6 x 14 Wear Pad	1
6	B3701A	Gland Bolt Assembly	2				
7	B20612-02-33	Shaft	1	KITS			
2A, 7A, 7C	B20613-21G-7A	Ceramic Shaft Sleeve	1	1A, 2A, 7C	B10399-46-1A	Fluid End Gasket Kit	1
2A, 7A, 7C	B20943-21A	Shaft Sleeve 416SS	1	10B, 12A, 13B		Power End Gasket Kit	1
7B	B4372-5-21	Key Coupling	1	10C, 10F, 13C		Grease Seal Kit	1
7C	B7496-236	Shaft Sleeve Seal	1	14A, 14B	B6123A	Bearing Locknut Kit	1
8	B22210-1A	Water Slinger	1	7, 7B, 11-14B		Shaft Assembly	1
9	B20618-12-1	Frame	1	7,70,1110	DEOOIE A	Share Assembly	
9A	B2538-1	Jack Bolts	3				
9D	B8267-01	Breather	1				
10	B20626	Inboard Brg. Cover	1				
10B	B20625	Gasket Inboard Brg. Cover	1				