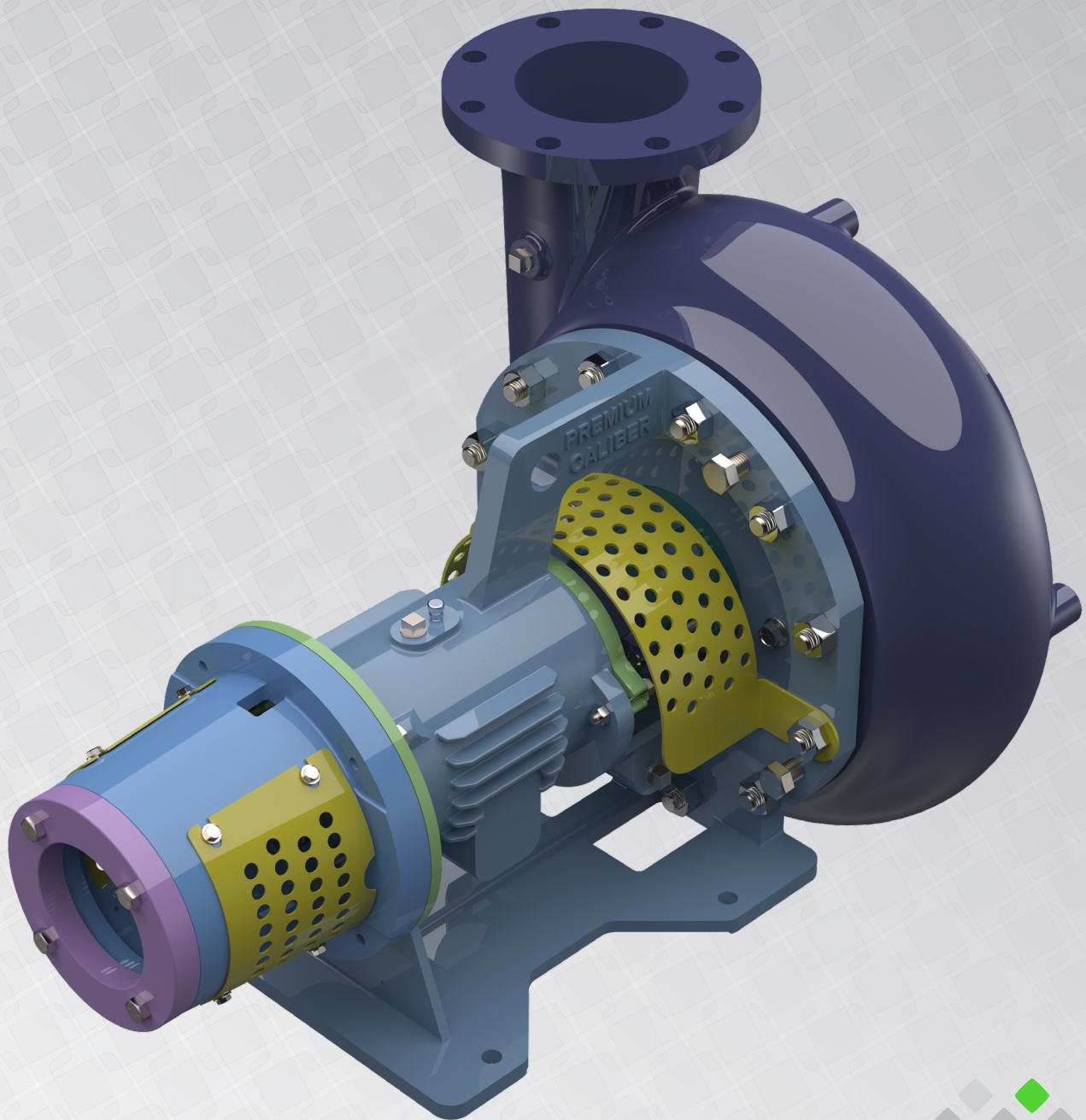
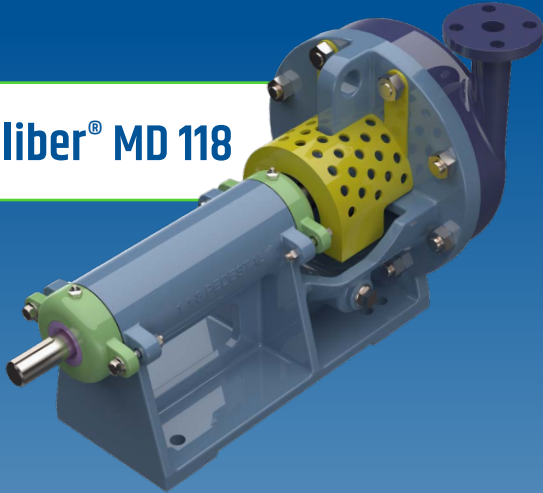


# Caliber<sup>®</sup> MD 250 Compact



**Premium Oilfield Technologies** offers a complete line of centrifugal pumps that are manufactured to OEM specifications and interchangeability. Ours are machined to precise engineering tolerances.

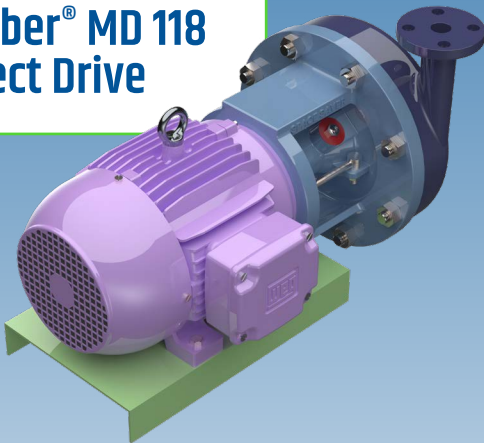
**Caliber® MD 118**



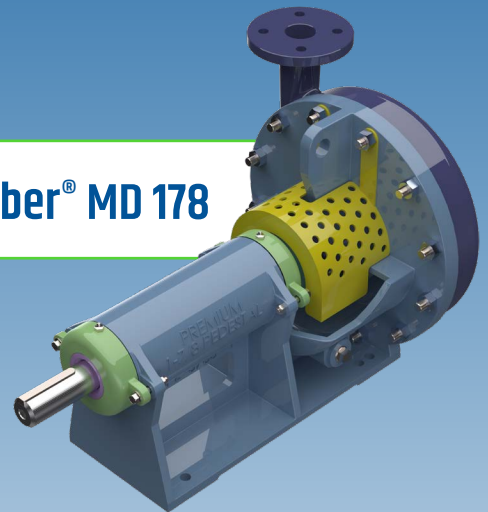
**Caliber® MD 250 Compact**



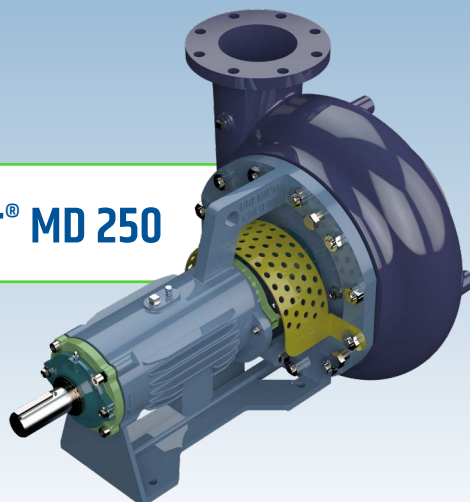
**Caliber® MD 118 Direct Drive**



**Caliber® MD 178**



**Caliber® MD 250**



# Caliber® MD 250 Compact

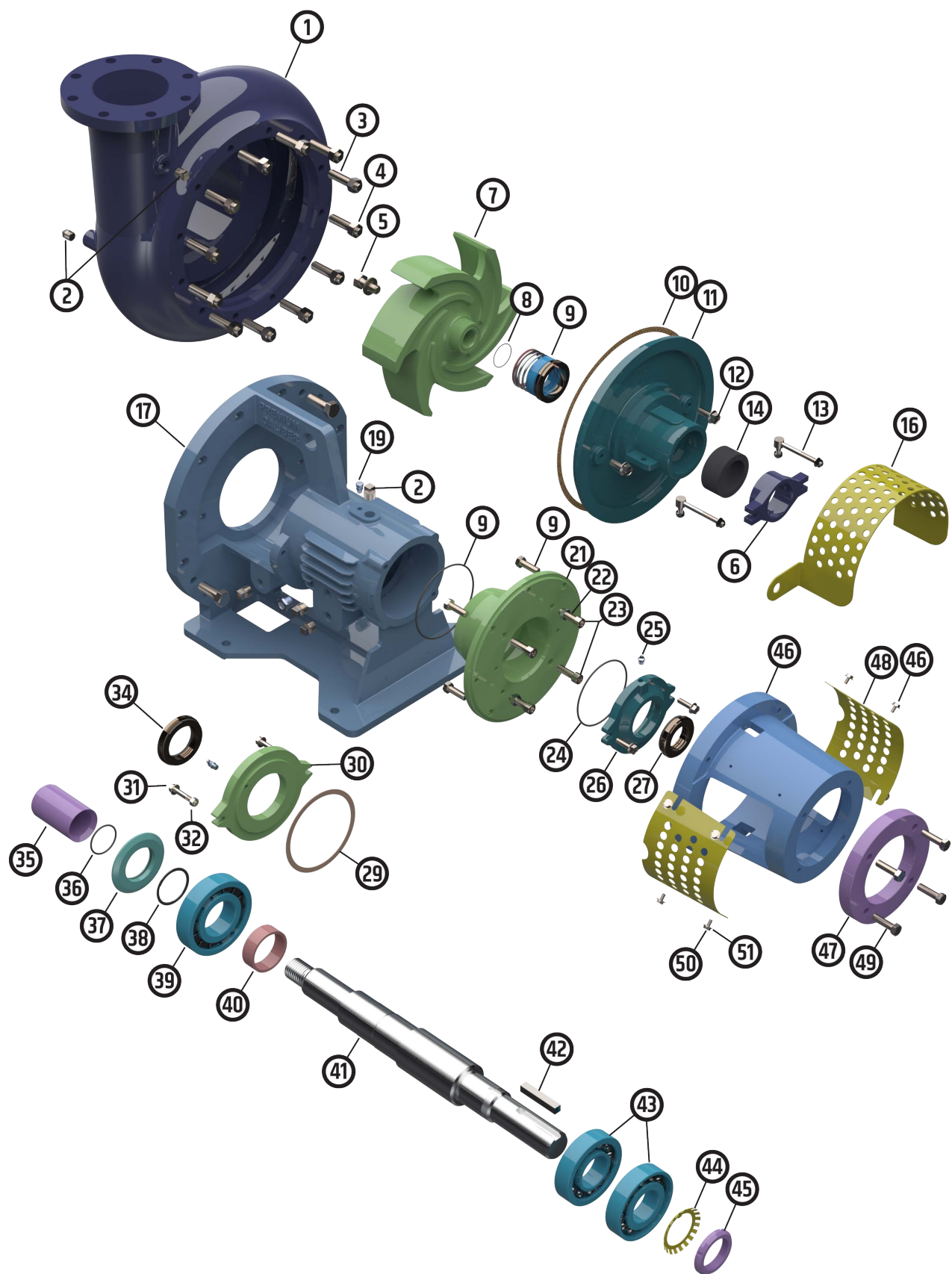
Premium Oilfield Technologies Caliber® centrifugal pumps incorporate field proven designs and updated technology to extend service life and reduce downtime during drilling operations.

## Features and Benefits Include:

- Cooling fins added to frame help disperse heat and extend bearing and packing life
- Optional retaining ring to secure inboard bearing
- Open impeller design to maximize flow
- Concentric casing design minimizes turbulence
- Replaceable shaft sleeve to absorb wear and extend shaft life
- Long life mechanical seals
- Oil bath option available

Assem. No.	Impeller		Casing	
	Size	Part No.	Size	Part No.
536-0010	3" X 2" X 13"	530-0012-130	3" x 2" x 13"	530-0011
536-0110	3" X 2" X 11"	530-0012-110		
536-0210	3" X 2" X 12"	530-0012-120		
536-0020	4" X 3" X 13"	530-0022-130	4" X 3" X 13"	530-0021
536-0120	4" X 3" X 12"	530-0022-120		
536-0220	4" X 3" X 11"	530-0022-110		
536-0030	5" X 4" X 14"	530-0032-140	5" X 4" X 14"	530-0031
536-0130	5" X 4" X 11"	530-0032-110		
536-0230	5" X 4" X 12"	530-0032-120		
536-0330	5" X 4" X 13"	530-0032-130		
536-0040	6" X 5" X 11"	530-0052-110	6" X 5" X 11"	530-0041
536-0140	6" X 5" X 9"	530-0052-090		
536-0240	6" X 5" X 10"	530-0052-100		
536-0050	6" X 5" X 14"	530-0052-140	6" X 5" X 14"	530-0051
536-0150	6" X 5" X 11"	530-0052-110		
536-0250	6" X 5" X 12"	530-0052-120		
536-0350	6" X 5" X 13"	530-0052-130		
536-0060	8" X 6" X 11"	530-0062-110	8" X 6" X 11"	530-0061
536-0160	8" X 6" X 9"	530-0062-090		
536-0260	8" X 6" X 10"	530-0062-100		
536-0070	8" X 6" X 14"	530-0072-140	8" X 6" X 14"	530-0071
536-0170	8" X 6" X 11"	530-0072-110		
536-0270	8" X 6" X 12"	530-0072-120		
536-0370	8" X 6" X 13"	530-0072-130		
536-0080	10" X 8" X 14"	530-0082-140	10" X 8" X 14"	530-0081
536-0180	10" X 8" X 11"	530-0082-110		
536-0280	10" X 8" X 12"	530-0082-120		
536-0380	10" X 8" X 13"	530-0082-130		

\*Please add "-L" to end of assembly number for Oil Bath option.



# Centrifugal Pump Parts

Item	P/N	Description	Qty	Item	P/N	Description	Qty
1	SEE TABLE	Casing (See Table)	1	27	530-0262	Outboard Labyrinth Seal	1
2	601-0195	Plug 1/2" - 14 NPT, Square Drive	6	28	601-0198	FLG Hex Head CS, 3/8" - 16UNC x 1-1/4"	2
3	201-860	Stud, 3/4" - 10 x 3-3/8"	12	29	530-0320	Mud Guard	1
4	210-009	Heavy Hex Nut, 3/4" - 10	12	30	530-0243	Inboard Labyrinth Seal	1
5	601-0190	Hex Head Capscrew, 3/4" - 10 x 1-3/4", LH	1	31	601-0193	Grease Fitting, 1/8" 90 PTF SAE SPL Short	1
6	207-007	Flat Washer, 3/4"	1	32	601-0196	FLG Hex Head CS, 3/8" - 16UNC x 1-1/2"	2
7	See Chart	Impeller	1	33	530-0241	Inboard Bearing Cover	1
8	3H9-2032	O-Ring, 2-032 HNBR 90 Duro	1	34	309-005	Hex Nut, 3/8" - 16UNC	2
9	530-0271	Mechanical Seal JC Type 1	1	35	530-0242	Inboard Bearing Cover Gasket	1
10	530-0111	Casing Gasket	1	36	530-0228	Shaft Sleeve (SS)	1
11	530-0271	Stuffing Box (Mechanical Seal)	1	37	3H9-2225	O-Ring 2-225 HNBR 90 DURO	1
12	601-0199	FLG Hex Head CS, 1/2" - 13UNC x 1-1/4"	2	38	601-0271	Retainer Ring	1
13	530-0275	L-Shape Bolt Assembly	2	39	530-0226	Bearing, Inboard	1
14	530-0277	Packing, Graphite/Teflon	1	40	530-0227	Spacer, Inboard	1
15	530-0274	Gland Assembly Set	1	41	536-0221	Shaft	1
16	530-0300	Safety Guard	1	42	530-0222	Coupling Key	1
17	536-0211	Frame	1	43	530-0223	Bearing, Outboard	2
18	203-1479	Jack-Up Bolts, 3/4" - 10UNC x 2"	3	44	530-0224	Lockwasher, Outboard	1
19	601-0191	Breather 1/8 PTF SAE Short	1	45	530-0225	Locknut, Outboard	1
20	3N7-2254	O-Ring, 2-254 NBR 70 DURO	1	46	536-0231	Cover, Shaft	1
21	536-0251	Outboard Bearing Housing	1	47	536-0232	Top Plate	1
22	209-007	Jam Nut, 1/2" - 13UNC	2	48	536-0233	Cover Shield	2
23	205-845	Socket Head CS, 1/2" - 13UNC x 1-1/2"	4	49	203-847	Heavy Hex Head CS, 1/2" - 13UNC x 1-3/4"	4
24	3N7-2248	O-Ring 2-248 NBR 70 DURO	1	50	207-001	Washer, 1/4" Standard	8
25	601-0192	Grease Fitting, 1/8" 90 PTF SAE SPL Short	1	51	203-0008	Heavy Hex Head CS, 1/2" - 13UNC x 1/2"	8
26	530-0261	Outboard Bearing Cover	1	52	203-845	Heavy Hex Head CS, 1/2" - 13UNC x 1-1/2"	4

## CORPORATE

### Premium Oilfield Technologies - USA

10600 W. Sam Houston Pkwy. North  
Houston, TX 77064  
T: +1 281.670.5200

## MANUFACTURING & REPAIR

### Premium Drilling Equipment and Support

9841 Windmill Park Ln.  
Houston, TX 77064  
T: +1 281.670.5200

### Patriot and Urethane

10600 W. Sam Houston Pkwy. N.  
Houston, TX 77064  
T: +1 281.670.5228

### West Texas Operations All Divisions

10207 West Industrial Ave.  
Midland, TX 79706  
T: +1 432.563.2328

### Patriot Screens

4602 S. MacArthur Blvd.  
Oklahoma City, OK 73179  
T: +1 405.470.6553

### Canada Operations All Divisions

107-6704-41 Street  
Leduc, Alberta  
Canada T9E 0Z4  
T: +1 877.593.0034

## FIELD SALES, SERVICES AND REPAIR OFFICES

California / Colorado / Louisiana / New Mexico / North Dakota / Oklahoma / Pennsylvania / Texas / Utah / Wyoming

## INTERNATIONAL

### KUWAIT

**Premium Oilfield Technologies**  
P.O. Box 721  
Yarmouk, Kuwait 72658  
T: +965 99679126  
T: +965 66022296

### UAE

**Premium Oilfield Technologies Trading LLC**  
P.O. Box 89561  
Dubai, UAE  
T: +971 55 889 7210  
T: +971 56 986 3834

### INDIA

**PMR Mud Riggers India Private Limited**  
S-Block-232, MIDC  
Bhosari, Pune MH 411026  
India

### UAE

**Premium Oilfield Technologies FZE Top Drive Solutions**  
S700, PLOT S30229  
Jebel Ali Free Zone (South)  
P.O. Box 262263  
Dubai, UAE  
T: +971 4 889 4897  
T: +971 506587570

### SAUDI ARABIA

**Premium Mud Pumps Trading Est.**  
P.O. Box 956  
Dammam, KSA  
Postal Code: 31951  
T: +966 50 0157516

### UAE

**Premium Oilfield Technologies FZE Mud Pump Solutions**  
S700, PLOT S30229  
Jebel Ali Free Zone (South)  
P.O. Box 262263  
Dubai, UAE  
T: +971 4 889 4897  
T: +971 558897210



Premium Oilfield Technologies  
Q1-3977  
ISO 9001:2015  
Certificate Number: 5028



[sales@premiumoilfield.com](mailto:sales@premiumoilfield.com)  
[premiumoilfield.com](http://premiumoilfield.com)

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