

# Mud pump ZB10236

National Oilwell Varco provides smooth Triplex performance and high efficiency from the 14-P-220 Mud Pump.

- **Performance:** An advanced fluid end design gives exceptionally smooth Triplex performance. This unique design facilitates fast inspection and easy servicing.
- **Flexibility:** Compact engineering provides higher efficiency in less space. The pump's light weight and flexible design make it easily adaptable to a variety of rig configurations. This provides flexibility as drilling requirements and conditions change.
- **Fluid End Modules:** NOV offers a choice of fluid end modules and valve covers for every P Series pump model to select the fluid end module that exactly matches drilling requirements. All pump models can be equipped with either the standard or premium forged, two-piece interchangeable fluid modules.

Height, floor to center of front inlet suction, inches (mm)	16-1/2" (419)
Height, floor to center of discharge, inches (mm)	45-1/4" (1149)
Overall length over skids, inches (mm)	209" (5309)
Width over frame, inches (mm)	78-5/8" (1997)
Width over pinion shaft, inches (mm)	113-3/4" (2889)
Height, floor to top of gear case, inches (mm)	75" (1905)
Height over fluid cylinders, inches (mm)	62-15/16" (1599)
Max. input, horsepower (kW)	1600 (1193)
Rated pump speed, spm	120
Maximum fluid cylinder line bore*, inches (mm)	7-01/4" (184.2)
Stroke, inches (mm)	12 (304.8)
Hydrostatic test pressure of standard fluid cylinders, psi (kg/cm <sup>2</sup> )	10,000 (703)
Ratio of gears	3.439
Suction connection, ASA-150 lb. R.J. flange, inches	10"

Discharge connection, cross w/API-5000 lb. R.J. flange, inches	6"
Valve pot, API number	MOD.7
Weight-complete, less sheave, lbs. (kg)	54,700 (24,810)

- *\*Above 5000 PSI on 12-P-160 is optional*

ZT15000	ZB-6751	65-725-957
ZB10236	ZB-5620	65-725-936
ZB 28515	ZB-11028	65-725-959
ZB8253	ZB-10236	65-725-960
150TDOC8663DC1953G6	ZB-8662	65-725-000
24052YMW33W45AC3	ZB-7873	65-725-010
N-2504-B	ZB-7081	IB-1331
N-2759-B	ZB-6292	IB-1330
NUP464779Q4/C9YA4	ZB-32000	IB-1334
NUP464775Q4/C9YA4	ZB-28515	IB-1332
NUP464744Q4/C9	ZB-26250	IB-657
NUP464776Q4/C9YA4	ZB-25500	IB-675
NUP464777Q4/C9YA4	ZB-23500	IB-672
4G32828H	ZB-22000	IB-670
4G32836H	ZT-16125	IB-676
4G32840H	ZT-15000	IB-676
4G32844H	ZT-14500	IB-671
4G32848H	ZT-13127	IB-678
32644H	ZT-11812	7602-0201-67
154836	ZT-10003	7602-0201-37
5G254936Q	7602-0210-95/96 )	7602-0201-38
254941QU	7602-0210-95/96	7602-0201-47
254735Q	65-101-775	7602-0200-54
354935Q	65-101-958	7602-0200-53
5G354920Q	65-101-954	7602-0213-06
23160C3/W33	IB-666/491-35	7602-0212-68
24072CA/W33	IB-306/3693B	7602-0212-69
24060CA/W33	ZB-9005	6319-0078-00
24056CA/W33	ZB-8253	7602-0212-89
10929/630U	ZB-7370	6310-0012-00
10029/630U	ZB-7120	7602-0213-07
10129/630U	ZB-6751	7602-0212-67
10929/670U	ZB-5620	7602-0212-88
10929/710U	ZB-11028	7602-0211-09
20929/530	ZB-10236	7602-0210-37
20329/530	ZB-8662	7602-0213-05
20929/500	ZB-7873	6301-0038-00
20329/500	ZB-7081	6397-0267-00

229/723Q	ZB-6292	7602-0212-90
92984Q	ZB-32000	7602-0212-91
929/558.8Q	ZB-28515	65-725-034
928/660.4Q	ZB-26250	65-725-080
929/660.4Q	ZB-25500	65-725-020
928/508Q	ZB-23500	65-725-957
929/840U	ZB-22000	N-2759-B
228/600Q	ZT-16125	M268730-90096
228/666.75Q	7602-0212-98	N-2504-B
30228/630Q	7602-0212-98	N-3483-A
2097164	7602-0210-93/94	M270730-902A9
2097172	7602-0210-95/96	N-3155-C
97860	65-101-775	N-2672-B
97960	65-101-958	O-1559-C
4G32836H5691/600	65-101-954	E-1927-B
5691/500	IB-666/491-35	E-1926-B
5691/630	IB-306/3693B	180RU91 R3
1689/520	ZB-9005	E-1788-B
1689/620	ZB-8253	E-1906-B
1687/560	ZB-7370	200RU91 R3
1687/650	ZB-7120	E-1713-B
1687/810	ZB-6751	C-7424-B
1681/800	ZB-5620	220RU91 R3
5692/800	ZB-11028	E-1713-B
2687/1049	ZB-10236	C-7425-B
38780	ZB-8662	220RU91 R3
5691/750	ZB-7873	O-1357-B
5691/600	ZB-7081	G-3020-B
5691/500	ZB-6292	G-3075-B
569196	ZB-32000	180RU91 R3
569184	ZB-28515	G-2791-B
569164	ZB-26250	G-2792-B
1689/520	ZB-25500	A-5238-WM R6
1689/620	ZB-23500	E-1713-B
1687/560	ZB-22000	G-3147-B
1687/560K1	7602-0210-67 bearing(original)	240RU91 R3
1687/562K2	7602-0210-67	T1120
1687/650	7602-0212-98	T1011
1687/770	7602-0210-93/94	T921
5692/530	7602-0210-95/96	T911
	65-101-775	T911A
	65-101-958	T811
5692/630	65-101-954	T711
5692/670	IB-666/491-35	T691
5692/800	IB-306/3693B	T661

2687/1049	ZB-9005	T511
2327/1049YA	ZB-8253	T441
37941K	ZB-7370	N-3559-A
37951K	ZB-7120	546633
39761K	ZB-6751	547591
2097938K	ZB-5620	513052A
2097948K	ZB-11028	512133A
2097952K	ZB-10236	546631
9549436K	ZB-8662	514560
T661T611	ZB-7873	547667
T691	ZB-7081	535741A
T911	ZB-6292	546632
T911A	ZB-32000	547420
9836	ZB-28515	548086
9840	ZB-26250	10-6487
98/500	ZB-25500	10-6419
7549436Q	ZB-23500	537433
99434Q4	ZB-22000	549350
99436Q4	IB-411 bearing(original)	10-6418
99456Q4	IB-411	547099
91754	4600170/649366	549351
19954EQ	4600169/649472	10-6260
549832K	ZA-6870	547424
3-939	7602-0210-67	10-6041
549744	7602-0212-98	544002
549822	7602-0210-93/94	543435
811/500M	7602-0210-95/96	10-6093
811/530M	65-101-775	544759
811/560M	65-101-958	510616A
817/600M	65-101-954	10-6040
75492/670	IB-666/491-35	544979
75491/900	IB-306/3693B	546293
4G32836H	ZB-9005	10-6040
602-0220-62	ZB-8253	544000
7602-0220-61	ZB-7370	546293
7602-0202-01	ZB-7120	10-6209
22-030-007	ZB-6751	10-6061
IB-666	ZB-5620	539187
IB-429	ZB-11028	543435
IB-411	ZB-10236	10-6062
4600170/649366	ZB-8662	543431
4600169/649472	ZB-7873	549128
ZA-6870	IB-666 bearing(original)	10-6040
7602-0210-67	IB-666	543432
7602-0212-98	IB-429	543433
7602-0210-93/94	IB-411	AD4746D

AD51

7602-0210-95/96	4600170/649366	ADD42605	
65-101-775	4600169/649472	AD4845D	4
65-101-958	ZA-6870	ADD42805	4
65-101-954	7602-0210-67	AD4746D	
IB-666/491-35	7602-0212-98	AD4644D	AD481
IB-306/3693B	7602-0210-93/94	AD4730D	
ZB-9005	7602-0210-95/96	ADA42207	
ZB-8253	65-101-775	AD5140	
ZB-7370	65-101-958	AD4814D	
ZB-7120	65-101-954	ADA426334	
ZB-6751	IB-666/491-35	AD5144	
ZB-5620	IB-306/3693B	AD4814D	
ZB-11028	ZB-9005	ADA42603	
ZB-10236	ZB-8253	AD5144	
ZB-8662	ZB-7370	AD4812DO	
ZB-7873	ZB-7120	AD4540D	
ZB-7081	ZB-6751	ADA42002	
ZB-6292	ZB-5620	AD4633D	
ZB-32000	ZB-11028	ADA42201	
ZB-28515	ZB-10236	AD5238X	
ZB-26250	ZB-8662	AD4814D	
ZB-25500	ZB-7873	AD5148	
ZB-23500	ZB-7081	MUC5136	
ZB-22000	ZB-6292	E-5140-UMR	
ZT-16125	ZB-32000	MUC5144	
ZT-15000	ZB-28515	MUC5144	AD523
ZT-14500	ZB-26250	W-4482	
ZT-13127	ZB-25500	MUC5136	
ZT-11812	ZB-23500	X39042	
ZT-10003	ZB-22000	E5238U	
7602-0201-67	ZT-16125	MUC5148	
7602-0201-37	ZT-15000	ZT-7872	
7602-0201-38	ZT-14500	ZT-8004	
7602-0201-47	ZT-13127	ZT-7006	
7602-0200-54	ZT-11812	7602-0220-62	
7602-0200-53	7602-0202-01	7602-0220-61	
	bearing(original)		
7602-0213-06	7602-0202-01	7602-0202-01	
7602-0212-68	22-030-007	22-030-007	
7602-0212-69	IB-666	IB-666	4
6319-0078-00	IB-429	IB-429	4
7602-0212-89	IB-411	IB-411	AD463
6310-0012-00	4600170/649366	6397-0267-00	
7602-0213-07	4600169/649472	7602-0212-90	
7602-0212-67	ZA-6870	7602-0212-91	
7602-0212-88	7602-0210-67	65-725-034	

7602-0211-09  
7602-0210-37  
7602-0213-05  
6301-0038-00

7602-0212-98  
7602-0210-93/94  
7602-0210-95/96  
65-101-775

65-725-080  
65-725-020