



CS Drill

CSDRILL MUD PUMP



Electric motor



Diesel engine



Hydraulic motor



Wheels for your option

ChangSha DTH Drill Construction Machinery Co.,Ltd.



BW150 Horizontal three cylinder reciprocating single acting piston pump

Cylinder diameter (mm)	70							
Stroke (mm)	80							
Pump speed (times/min)	57	86	130	222	47	71	107	183
Flow (L/min)	38	58	90	150	32	47	72	125
Pressure (MPa)	7	4.8	3.2	1.8	7	6	4	2.3
Power(kw)	7.5							
Size (mm)	1925*795*1150 (Diesel power) 1840*795*995 (Electric power)							
Weight(kg)	630 (Diesel power) 560 (Electric power)							



BW160/10 Horizontal three cylinder reciprocating single acting piston pump

Cylinder diameter (mm)	70			
Stroke (mm)	70			
Pump speed (times/min)	200	132	83	55
Flow (L/min)	160	107	67	44
Pressure (MPa)	2.5	4	6.5	10
Power(kw)	11			
Size (mm)	1450*745*970			
Weight (kg)	430			



BW160H horizontal single cylinder reciprocating double acting piston pump

Cylinder diameter (mm)	95
Stroke (mm)	90
Pump speed (times/min)	147
Flow (L/min)	160
Pressure (MPa)	1.3
Power(kw)	5.5
Size (mm)	850*600*450
Weight (kg)	130



BW200/4 horizontal double cylinder reciprocating double acting piston pump

Cylinder diameter (mm)	80	65
Stroke (mm)	85	
Pump speed (times/min)	145	
Flow (L/min)	200	125
Pressure (MPa)	4.0	6.0
Power(kw)	15	
Size (mm)	1050*630*820	
Weight (kg)	300	



BW240/10 horizontal three cylinder reciprocating single acting piston pump

Cylinder diameter (mm)	85			
Stroke (mm)	70			
Pump speed (times/min)	200	132	83	55
Flow (L/min)	240	158	100	66
Pressure (MPa)	2.5	4.0	6.5	10
Power(kw)	15			
Size (mm)	1450*745*970			
Weight (kg)	430			



BW250 horizontal three cylinder reciprocating single acting piston pump

Cylinder diameter (mm)	80			
Stroke (mm)	100			
Pump speed (times/min)	200	116	72	42
Flow (L/min)	250	145	90	52
Pressure (MPa)	2.5	4.5	6.0	6.0
Power(kw)	15			
Size (mm)	1560*995*650			
Weight (kg)	650			

BW320 horizontal three cylinder reciprocating single acting piston pump



Cylinder diameter (mm)	80			
Stroke (mm)	110			
Pump speed (times/min)	214	153	109	78
Flow (L/min)	320	230	165	118
Pressure (MPa)	2.2	3.6	6.2	10
Power(kw)	30			
Size (mm)	1905*1100*1200			
Weight (kg)	720			

BW450 horizontal three cylinder reciprocating double action piston pump



Cylinder diameter (mm)	100	
Stroke (mm)	85	
Pump speed (times/min)	170	115
Flow (L/min)	450	350
Pressure (MPa)	1.2	2.0
Power(kw)	18.5	
Size (mm)	1350*820*1040	
Weight (kg)	540	

BW450/5 horizontal three cylinder reciprocating single acting piston pump



Cylinder diameter (mm)	95			
Stroke (mm)	100			
Pump speed (times/min)	223	168	112	86
Flow (L/min)	450	340	240	172
Pressure (MPa)	2.0	3.0	4.0	5.0
Power(kw)	22			
Size (mm)	1000*995*650			
Weight (kg)	520			

BW600/10 horizontal three cylinder reciprocating single acting piston pump



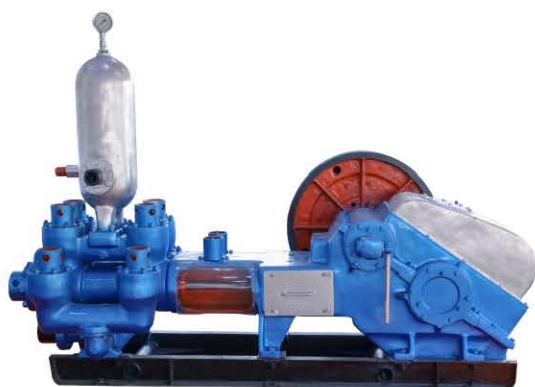
Cylinder diameter (mm)	100			
Stroke (mm)	110			
Pump speed (times/min)	232	162	109	76
Flow (L/min)	600	415	280	195
Pressure (MPa)	3.5	5.0	7.5	10
Power(kw)	55			
Size (mm)	1500*890*1230			
Weight (kg)	1400			

BW850/2 horizontal double cylinder reciprocating double acting piston pump



Cylinder diameter (mm)	150	
Stroke (mm)	180	
Pump speed (times/min)	82	58
Flow (L/min)	850	600
Pressure (MPa)	2.0	3.0
Power(kw)	37	
Size (mm)	2000*1030*1400	
Weight (kg)	1500	

BW850/5 horizontal double cylinder reciprocating double acting piston pump



Cylinder diameter (mm)	140	130	95
Stroke (mm)	260		
Pump speed (times/min)	66		
Flow (L/min)	850	600	350
Pressure (MPa)	5.0	6.0	8.0
Power(kw)	90		
Size (mm)	3018*1120*2050		
Weight (kg)	3100		

BW80/3 horizontal three cylinder reciprocating single acting piston pump



Cylinder diameter (mm)	60		
Stroke (mm)	50		
Pump speed (times/min)	204	144	107
Flow (L/min)	80	57	42
Pressure (MPa)	1.0	2.0	3.0
Power(kw)	5.5		
Size (mm)	1220*590*550		
Weight (kg)	205		

BW90/3 horizontal three cylinder reciprocating single acting piston pump



Cylinder diameter (mm)	65		
Stroke (mm)	50		
Pump speed (times/min)	220	156	115
Flow (L/min)	90	65	50
Pressure (MPa)	1.0	2.0	3.0
Power(kw)	5.5		
Size (mm)	1220*590*550		
Weight (kg)	205		

BW100/5 horizontal single cylinder reciprocating single acting plunger pump



Plunger diameter (mm)	110
Stroke (mm)	75
Pump speed (times/min)	108
Flow (L/min)	100
Pressure (MPa)	5.0
Power(kw)	18.5
Size (mm)	2250*780*1700
Weight (kg)	700

BW120/3 horizontal double cylinder reciprocating single acting piston pump



Cylinder diameter (mm)	70	
Stroke (mm)	80	
Pump speed (times/min)	207	145
Flow (L/min)	120	105
Pressure (MPa)	1.0	3.0
Power(kw)	5.5	
Size (mm)	675*540*620	
Weight (kg)	120 (without power)	

BW150/1.5 horizontal double cylinder reciprocating single acting piston pump



Cylinder diameter (mm)	80	
Stroke (mm)	80	
Pump speed (times/min)	207	145
Flow (L/min)	150	105
Pressure (MPa)	1.0	1.5
Power(kw)	5.5	
Size (mm)	675*540*620	
Weight (kg)	150 (without power)	

BW350/13 horizontal three cylinder reciprocating single acting piston pump



Cylinder diameter (mm)	80			
Stroke (mm)	110			
Pump speed (times/min)	235	157	126	90
Flow (L/min)	350	235	188	134
Pressure (MPa)	7.0	9.0	11	13
Power(kw)	45			
Size (mm)	1850*1050*1230			
Weight (kg)	760			



BW400/10 horizontal three cylinder reciprocating single acting piston pump

Cylinder diameter (mm)	90			
Stroke (mm)	100			
Pump speed (times/min)	220	136	79	49
Flow (L/min)	400	245	138	85
Pressure (MPa)	2.2	3.6	6.2	10
Power(kw)	45			
Size (mm)	1905*1100*1200			
Weight (kg)	720			



BW500/10 horizontal three cylinder reciprocating single acting piston pump

Cylinder diameter (mm)	95			
Stroke (mm)	110			
Pump speed (times/min)	232	162	109	76
Flow (L/min)	500	345	235	160
Pressure (MPa)	3.0	6.0	8.0	10
Power(kw)	45			
Size (mm)	1455*890*1230			
Weight (kg)	1200			



BW750 horizontal three cylinder reciprocating single acting piston pump

Cylinder diameter (mm)	110			
Stroke (mm)	110			
Pump speed (times/min)	240	166	112	78
Flow (L/min)	750	505	345	235
Pressure (MPa)	3.0	4.0	5.0	6.0
Power(kw)	45			
Size (mm)	1500*890*1230			
Weight (kg)	1400			

BW120/2 horizontal three cylinder reciprocating double acting piston pump



Cylinder diameter (mm)	80
Stroke (mm)	60
Pump speed (times/min)	95
Flow (L/min)	120
Pressure (MPa)	2.0
Power(kw)	5.5
Size (mm)	1056*620*530
Weight (kg)	290

BW150/3.5 horizontal double cylinder variable double liquid grouting pump



Cylinder diameter (mm)	70	
Stroke (mm)	80	
Pump speed (times/min)	82	58
Flow (L/min)	150	90
Pressure (MPa)	2.5	3.5
Power(kw)	5.5	
Size (mm)	675*540*620	
Weight (kg)	150	

BW160/10 horizontal double cylinder variable double liquid grouting pump



Cylinder diameter (mm)	80			
Stroke (mm)	70			
Pump speed (times/min)	200	132	83	55
Flow (L/min)	160	107	67	44
Pressure (MPa)	2.5	4.0	6.5	10
Power(kw)	11			
Size (mm)	1450*780*980			
Weight (kg)	305			

NBB260/7 horizontal three cylinder reciprocating single acting piston pump



Cylinder diameter (mm)	85				
Stroke (mm)	100				
Pump speed (times/min)	187	121	76	43	25
Flow (L/min)	260	167	106	60	35
Pressure (MPa)	7	10			
Power(kw)	45				
Size (mm)	2910*1318*981				
Weight (kg)	2177				

NBB280/8 horizontal three cylinder reciprocating single acting piston pump



Cylinder diameter (mm)	85				
Stroke (mm)	100				
Pump speed (times/min)	207	141	96	63	45
Flow (L/min)	280	187	126	80	55
Pressure (MPa)	8				
Power(kw)	45				
Size (mm)	2150*1260*1000				
Weight (kg)	1548 (without power)				

NBB360/10 horizontal three cylinder reciprocating single acting piston pump



Cylinder diameter (mm)	100				
Stroke (mm)	100				
Pump speed (times/min)	187	121	76	43	25
Flow (L/min)	360	232	146	82	48
Pressure (MPa)	4.5	7.0	10	10	10
Power(kw)	45				
Size (mm)	2910*1318*981				
Weight (kg)	2268				



NBB390/8 horizontal three cylinder reciprocating single acting piston pump

Cylinder diameter (mm)	110				
Stroke (mm)	100				
Pump speed (times/min)	160	103	65	36	21
Flow (L/min)	390	250	160	90	52
Pressure (MPa)	8	11			
Power(kw)	55				
Size (mm)	2910*1318*1260				
Weight (kg)	2467				



ZTCM150 horizontal three cylinder reciprocating single acting piston pump

Cylinder diameter (mm)	57.15				
Stroke (mm)	60				
Pump speed (times/min)	350	690	800	900	1275
Flow (L/min)	45	88	102	115	162
Pressure (MPa)	7				
Power(kw)	18.5				
Size (mm)	620*425*320				
Weight (kg)	120				



ZTCM300/7 horizontal three cylinder reciprocating single acting piston pump

Cylinder diameter (mm)	70				
Stroke (mm)	70				
Pump speed (times/min)	690	800	900	1275	1350
Flow (L/min)	154	179	201	285	300
Pressure (MPa)	7				
Power(kw)	30				
Size (mm)	800*600*450				
Weight (kg)	208				

BW850/8 horizontal four cylinder reciprocation single acting piston pump



Cylinder diameter (mm)	105			
Stroke (mm)	125			
Pump speed (times/min)	200	175	150	135
Flow (L/min)	850	730	640	560
Pressure (MPa)	5.0	6.0	7.0	8.0
Power(kw)	90			
Size (mm)	1600*1100*1200			
Weight (kg)	1400			

BW1200/7 horizontal double cylinder reciprocating double action piston pump



Cylinder diameter (mm)	160	150
Stroke (mm)	270	
Pump speed (times/min)	70	
Flow (L/min)	1200	1000
Pressure (MPa)	7.0	8.0
Power(kw)	185	
Size (mm)	3045*1440*2420	
Weight (kg)	7200	

BW1200/10 horizontal four cylinder reciprocation single acting piston pump



Cylinder diameter (mm)	120			
Stroke (mm)	140			
Pump speed (times/min)	215	174	152	84
Flow (L/min)	1200	970	846	467
Pressure (MPa)	5.5	6.0	7.5	10
Power(kw)	132			
Size (mm)	1650*1150*1200			
Weight (kg)	1400			

BW1300/15 horizontal four cylinder reciprocation
single acting piston pump



Cylinder diameter (mm)	130	90
Stroke (mm)	136	
Pump speed (times/min)	153	
Flow (L/min)	1300	650
Pressure (MPa)	15	25
Power(kw)	185	
Size (mm)	1685*1650*1450	
Weight (kg)	2560	

BW1500/12 horizontal four cylinder reciprocation
single acting piston pump

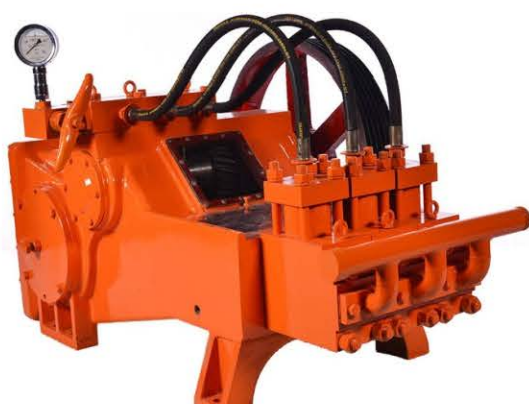


Cylinder diameter (mm)	153	
Stroke (mm)	150	
Pump speed (times/min)	136	98
Flow (L/min)	1500	1080
Pressure (MPa)	8.0	12
Power(kw)	185	
Size (mm)	1800*1400*1500	
Weight (kg)	2450	

XPB-90 Horizontal three cylinder reciprocating
single acting plunger pump



Plunger diameter (mm)	50
Stroke (mm)	120
Flow (L/min)	105
Pressure(MPa)	38
Power(kw)	90
Size (mm)	1500*980*850
Weight (kg)	1750



XPB-90E Horizontal three cylinder reciprocating single acting plunger pump

Plunger diameter (mm)	55
Stroke (mm)	80
Flow (L/min)	100
Pressure(MPa)	44
Power(kw)	90
Size (mm)	1500*980*850
Weight (kg)	1780



W-446 horizontal three cylinder reciprocating single acting piston pump

Stroke (mm)	152.4						
Pump speed (times/min)	260						
Cylinder diameter (mm)	152.4	146.05	139.7	133.35	127	114.3	101.6
Piston size (mm)	6	5¾	5½	5¼	5	4½	4
Flow (l/min)	2180	1998	1834	1653	1514	1211	968
Volume (gpm)	576	528	484.6	436.8	400	320	256
Pressure (MPa)	8.8	9.7	10.5	11.7	12.8	16	20
Pressure (psi)	1276	1407	1523	1697	1856	2320	2900
Power (hp)	498						
Size (mm)	2479*1219*1308						
Weight (kg)	4463						



4NB-500 Horizontal four cylinder reciprocating single acting piston pump

Cylinder diameter (mm)	153	93
Stroke (mm)	180	
Pump speed (times/min)	130	
Flow (L/min)	1720	635
Pressure (MPa)	12	28
Power(HP)	500	
Size (mm)	2400*1350*1800	
Weight (kg)	6200	

5NB-600 horizontal five cylinder reciprocating single acting piston pump



Stroke (mm)	200						
Pump speed (times/min)	110						
Cylinder diameter (mm)	153	140	130	120	110	100	90
Flow (L/min)	33.5	28	24.2	20.6	17.3	14.3	11.5
Pressure (MPa)	12	14.3	16.6	19.5	23.2	28	35
Power(hp)	600						
Size (mm)	2320*1600*1800						
Weight (kg)	7800						

BW150 Horizontal three cylinder reciprocating single acting piston pump



Cylinder diameter (mm)	70							
Stroke (mm)	70							
Pump speed (times/min)	57	86	130	222	47	71	107	183
Flow (L/min)	38	58	90	150	32	47	72	125
Pressure (MPa)	7	4.8	3.2	1.8	7	6	4	2.3
Power(kw)	7.5							
Weight (kg)	1925*795*1150 (Diesel power) 1840*795*995 (Electric power)							
Size (mm)	630 (Diesel power) 560 (Electric power)							

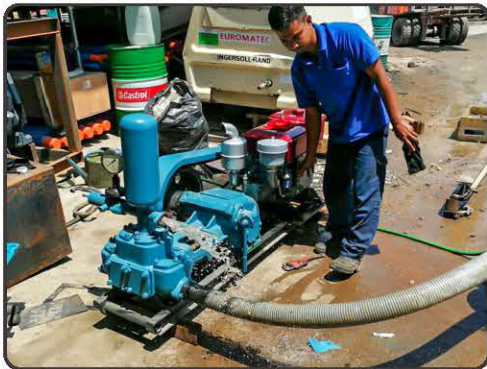
BW250 horizontal three cylinder reciprocating single acting piston pump



Cylinder diameter (mm)	100			
Stroke (mm)	80			
Pump speed (times/min)	200	116	72	42
Flow (L/min)	250	145	90	52
Pressure (MPa)	2.5	4.5	6	6
Power(kw)	15			
Size (mm)	1560*995*650			
Weight (kg)	650			

Application:

Mud pumps play an important role in the construction of railways, coal mines, mines, high-rise buildings, bridges, water conservancy and hydropower, elevated highways, and geological drilling projects.



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