

RHB (Mercury) Precision Rod Pump

Pump Assemblies

Item	Description	No. Req'd	Bore Size			
			2-3/8" x 1-1/4"(1)	2-7/8" x 1-1/2"(2)	2-7/8" x 1-3/4" (3)	
<b>Barrel Assembly</b>						
A	Guide, Mercury, Pin End	1	GT13	GT25	GT26	
B	Coupling, Extension	1				
	0 Ext.	1	EN211	EN311	EN411	
	6" Ext.	1	EN212	EN312	EN412	
C	Barrel, Heavy Wall RH	1				
	Steel, Plain 4'		BT0404	BT0704	BT0804	
	Steel, CPID 4'		BT0404C	BT0704C	BT0804C	
D	Bushing, Barrel	1	BB2	BB3	BB4	
E	Barrel, Ext. (Jacket)	1				
	Steel, Plain 16'		BT0516	BT1216	BT1216	
F	Cage, Closed Barrel	1	CF42	CF62	CF62	
G	Valve, Ball and Seat	1	<b>Ball</b>	<b>Seat</b>	<b>Ball</b>	<b>Seat</b>
	Alloy		B072	S042	B092	S062
	Titanium		B073	S043	B093	S063
	Nickel Carbide		B075	S045	B095	S065

<b>Plunger Assembly</b>						
H	Cage, Top Open	1				
	3/4" Pin		CF44-1	CF64-1		
	7/8" Pin			CF64-2	CF64-2	
I	Valve, Ball and Seat	1	<b>Ball</b>	<b>Seat</b>	<b>Ball</b>	<b>Seat</b>
	Alloy		B072	S042	B092	S062
	Titanium		B073	S043	B093	S063
	Nickel Carbide		B075	S045	B095	S065
J	Bushing, Cage- Plgr.	1	BC3	BC6	BC7	
K	Plunger	1				
	Mercury 20'		P2620	P3620	P4620	
L	Cage, Closed Plunger	1	CF21	CF31	CF41	
M	Valve, Ball and Seat	1	<b>Ball</b>	<b>Seat</b>	<b>Ball</b>	<b>Seat</b>
	Alloy		B032	S022	B052	S032
	Titanium		B033	S023	B053	S033
	Nickel Carbide		B035	S025	B055	S035
N	Plug, Seat (External)	1	PS21	PS31	PS41	

<b>Hold-Down Assembly</b>						
O	Mandrel, Seating Cup	1	HM41	HM51		
P	Cup, Seating	3	SC064-HR	SC087-HR		
Q	Ring, Seating Cup	2	HS41	HS51		
R	Nut, Seating Cup	1	HL41	HL51		
S	Coupling, Seating Cup	1	HB41-3	HB51-4		

The Mercury pump is a traveling-plunger-type pump arranged to prevent sand or foreign material from settling on top or around the plunger and sticking it in the barrel. The Mercury pump has a long smooth plunger that extends through a relatively short stroke through barrel. Due to the length of the plunger, the ends do not enter the barrel section at either the top or bottom of the stroke. The plunger is wiped clean on each stroke, and foreign material (trapped sand, etc.) is not carried into the barrel. When the pump is shut down, the traveling valve on top of the pump closes and prevents sand in the tubing string from settling inside the pump. A (Don-Nan) pump technician will size the correct "Mercury" pump for you.

