

**URANIUM CORPORATION OF INDIA LIMITED**  
**JADUGUDA MINES**

Annexure-1  
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Ref : Public Tender No.: PUR/3/RC/Pneumatic Diaphragm Pump Spares/1216  
Item : Spares for Pneumatic Diaphragm Pump, Model KDP-250

**M A T E R I A L   D E T A I L S**

Sl.No	<u>Name of the item</u>	No. of items
1	Annual Rate Contract for spares for Pneumatic Diaphragm Pump, Model: KDP-250. List of items as per annexure-1(A) enclosed	131 items

**SPARES LIST FOR PNEUMATIC DOUBLE DIAPHRAGM PUMP, MODEL-KDP-250**

Sl. No.	Description	Part No.
1	Base Screen	DP1
2	Suction Manifold with nipple & socket	DP2
3	D' clamp small size with nut & bolt	DP3A
4	High Tensile Bolt & Nut small size	DPS3B
5	Diaphragm Outer cover	DP4
6	Diaphragm Inner cover threaded	DP5A
7	Diaphragm inner cover hole type	DP5B
8	Valve housing complete	DP6
9	S S Sliding rod with nylock nut & washer	DP7
10	Sliding rod hex nut nylock	DP7A
11	Sliding rod back up washer	DP7B
12	Rubber Ring of valve housing	DPR7C
13	Rubber Ring of Pressure Plate	DPR7D
14	Asbestos packing of valve housing	DPA7E
15	Phosphorous bronze bush	DP8
16	Pressure plate inner hole type	DP9
17	Pressure plate outer threaded type	DP10
18	CSK screw small size	DP11
19	CSK screw big size	DP12
20	Valve box complete	DP13
21	Slide valve	DP13A
22	End Pad	DP13B
23	Circlip	DP13C
24	Rubber ring of end pad	DP13D
25	Allen screw	DP13E
26	Asbestos packing of valve box	DP13F
27	D' Clamp big size with nut & bolt	DP14A
28	High tensile Bolt & nut big size	DPB14B
29	Delivery manifold	DP15
30	Exhaust nipple complete	DP16
31	Rubber ball of exhaust nipple	DP16A
32	Steel adopter of exhaust nipple	DP16B
33	Rubber Diaphragm	DPR17
34	Rubber ball big	DPR18
35	Rubber valve seat	DPR19
36	Rubber cap of value box	DPR20
37	Strainer foot valve	
38	GI Bend with socket 3"	
39	GI Reducer with nipple 3" x 2 1/2"	
40	GI Reducer 3" x 2"	
41	Hose Adopter Connector Set 2"	
42	Hose Clamp 2"	
43	Hose Clamp 3"	
44	Suction Hose Pipe 3" x 3 Meter long PVC	
45	Air Line Lubricator 1 Litre with 2 couplings	
46	Bolt & nut high tension	DPS3B (small)

**SPARES LIST FOR PNEUMATIC DOUBLE DIAPHRAGM PUMP, MODEL-KDP-250**

Sl. No.	Description	Part No.
47	Box valve complete with oil lubricator	DP13
48	Bolt & nut high tension	DPB14B (big)
49	Rubber ball big	DPR18
50	D clamp small size with bolt & nut	DP3A
51	Diaphragm Inner cover threaded	DP5A
52	Diaphragm Inner cover threaded	DP5B
53	Circlip	DP13C
54	D clamp big size with nut & bolt	DP14A(set)
55	Diaphragm rubber	DPR17
56	Exhaust nipple complete	DP16
57	Manifold suction	DP2
58	Delivery manifold	DP15
59	Screw allen	DP13E
60	Packing asbestos	DPA7E
61	Pressure plate inner.	DP9
62	Pressure plate outer	DP10
63	Packing asbestos	DP13F
64	SS Sliding rubber complete	DP7
65	Rubber ring	DPR7C
66	CSK screw small	DP11
67	CSK screw big	DP12
68	Valve rubber seat	DPR19
69	Spanner allen key	Spanner allen key
70	Rubber ball (small)	DP16A
71	Diaphragm Outer cover	DP4
72	Base Screen	DP1
73	Valve housing	DP6
74	Sliding rod hex nuts	DP7A
75	Sliding rod back up washer	DP7B
76	Rubber ring	DPR7D
77	Phosphorous bronze bush	DP8
78	Slide valve	DP13A
79	End Pad	DP13B
80	Rubber ring	DPR13D
81	Lubricator	BLG30
82	Steel adapter	DP168
83	End pad puller	
84	Nose Plier	
85	Diaphragm lever	
86	Rubber ring puller	
87	Diaphargm fitting and opening tools and Alu taper bush	
88	Base Screen	DP1
89	Suction manifold with nipple & socket	DP2
90	D clamps (small size)	DP3A
91	High tensile bolt & nut	DPS3B
92	Diaphragm outer cover	DP4

**SPARES LIST FOR PNEUMATIC DOUBLE DIAPHRAGM PUMP, MODEL-KDP-250**

Sl. No.	Description	Part No.
93	Diaphragm inner cover (threaded)	DP5A
94	Diaphragm inner cover (hole type)	DP5B
95	Valve Housing	DP6
96	SS Sliding rod complete	DP7
97	Sliding hex nut (nyloc)	DP7A
98	Sliding rod back up washer	DP7B
99	Rubber ring of valve housing	DPR7C
100	Asbestos packing of valve housing	DPA7E
101	Phosphorous bronze bush	DP8
102	Pressure plate inner (hole type)	DP9
103	Pressure plate outer (thread type)	DP10
104	CSK Screw (small size)	DP11
105	CSK Screw (big size)	DP12
106	Valve box complete with out oil lubricator	DP13
107	Slide valve	DP13A
108	Rubber ring of end pade	DPR13D
109	Circlip	DP13C
110	Allen screw	DP13E
111	Asbestos packing of valve box	DP13F
112	D clamp (big size) with nut & bolt	DP14A
113	Delivery manifold with socket	DP15
114	Rubber ball (big)	DPR18
115	Rubber valve seat	DPR19
116	Rubber ring of pressure plate	DPR7D
117	End pade with rubber ring	DP13B
118	Rubber Diaphragm	DPR17
119	Rubber Diaphragm	DPR17
120	Pressure plate	DP10
121	CSK Screw	DP11
122	Allen screw	DP13E
123	Base Screen	DP1
124	Dia out cover	DP14
125	Valve box complete	DP13
126	Dia inner cover	DP5A
127	Rubber ball	DPR18
128	Rubber valve seat	DPR19
129	Suction manifold	DP2
130	Rubber ring	DPR7C
131	Rubber ring	DPR7D