

DESANDER ASSEMBLY & SPARES

DESILTER ASSEMBLY & SPARES

MUD-PUMP SPARES

Liners, Piston Assemblies, Piston Rubber Assemblies, Valve Assemblies, Valve Cover, Liner Gasket etc

PLUNGER PUMP SPARES

Plungers, Plunger Packings, Valve Assemblies etc



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DESANDER ASSEMBLY & SPARES

















Revata Engineering's Desanders are effectively designed to remove fine drilled solids, sands upto the size of 50 microns employing centrifugal forces, from the drilling mud system by using specially designed hydrocyclones, made out of very high quality polyurethane materials. The fluid entry angle is designed in such a way that the drilled solids are separated more efficiently, ensuring reduction in the loss of costlier drilling fluids. High quality polyurethane cones ensure very long life to reduce shutdowns. They are available in three different models of capacity 500, 1000 and 1500 GPM, employing 12" cones attached to 8" or 10" manifold with a 4" inlet and 6" outlet.

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|  <p>CONE ASSEMBLY</p> |  <p>CONE BODY</p> |  <p>CONE APEX</p> |  <p>TOP FLANGE & VERTEX FINDER</p> |  <p>CONE NUT</p> |
|  <p>TWO-BOLT CLAMP</p> |  <p>VICTAULIC ELBOW</p> |  <p>APEX BUSHING</p> |  <p>VICTAULIC CLAMP & GASKET</p> |  <p>FEED GAUGE</p> |

DESILTER ASSEMBLY & SPARES



Revata Engineering's Desilters are very efficient equipment employing principle of separation by centrifugal forces in removing even finer drilled solids, sand and silt particle size up to 20 microns. They are of balanced cone designed, which are manufactured in different models with minimum feed rates from 240 to 1440 GPM at 75 feet of head. Cones for the Desilter are made out of very high quality durable polyurethane materials. Feed entry angle is adopted in such a way to ensure effective removable of drilled solids, sand and silts from the drilling fluid. High performing cones made out of durable polyurethane material and other consumable spares ensures consistent productivity. 4" cones are used & they are attached to 6" or 8" manifold with 2" inlet & 2" outlet.

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| CONE ASSEMBLIES | | | CONE BODY | |
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| TOP FLANGE / VERTEX FINDER | OVERFLOW ELBOW | | CONE NUT | |
|  |  |  | |  |
| FEED GAUGE | APEX BUSHING | VICTAULIC CLAMP & GASKET | | TWO-BOLT CLAMP |

MUD PUMP SPARES



Revata Engineering's offers a wide range of mud pump spares; i.e.: Liner, Piston Assembly & Spares, Valve Assembly & Spares, Piston Rod, Lantern Ring, Liner Wear Plate, Valve Cover Gasket, Liner Gasket, Wiper Rod, Oil Seals, Valve Guide Bushing, Liner Wear Plate Gaskets, Pulsation Dampeners, Stabilizer Sleeves etc. For different models of pumps of Oil Well, National, Gardner Denver, Omega, Ellis Williams, Bournedrill and other mud pumps.

LINERS



Revata Engineering's offers very high quality and precision machined sleeved bi-metallic liners finished to relevant API dimensions. They are available for various pumps, manufactured by Oil Well, National, Gardner Denver, Omega, Ellis Williams, Bournedrill and others. They are available in different sizes ranging from 5" to 7 1/2" diameters. Accurate mirror finish at inside diameter of the liner ensures very high lives for the Pistons.

PISTON ASSEMBLIES









Revata Engineering's Piston Assemblies are available both in single and double acting type. They are available for different models of pumps manufactured by Oil Well, National, Gardner Denver, Omega, Ellis Williams, Bournedrill and others. Piston rubbers of piston assemblies are manufactured by using very high strength polymer with very tough fabric backing. Special care is taken for accurate dimensions of Piston body to ensure very long life. Our Piston Assemblies give very long life even under extreme working conditions.

PISTON RUBBER ASSEMBLIES




Revata Engineering's Piston Rubber Assemblies are available as a kit comprising Piston Rubber, End Plate & Snap Ring for field replacement.


VALVE ASSEMBLIES

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|  | <p>Revata Engineering's make Valve Assemblies consisting of Valve Seats, Valve Body, Valve Spring & Valve Insert/Disc are available for different models of pumps manufactured by Oil Well, National, Gardner Denver, Omega, Ellis Williams, Bournedrill & others. Special care is taken for the dimensional matching of valve seat & valve body working angles for ensuring very high life even under extreme working conditions. Inserts are made out of high quality polyurethane material.</p> | | | | |
| |  VALVE DISC |  VALVE SEAT |  VALVE BODY |  SPRING |  VALVE NUT |
| <p>Valve Seat, Valve Body and Valve Nut are manufactured by using forged carbon steel / stainless steel as per the requirement of the users, suitably hardened grounded finished and hard-coated, wherever required. Special care is taken for dimensional matching between Valve Seat and Valve Body working angles to ensure long-life under severest of working conditions. Inserts are available in polyurethane and other polymers to suit customers' requirement.</p> | | | | | |

VALVE COVER AND LINER GASKET

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|  | <p>Revata Engineering's Gaskets & Packings are made out of appropriately selected grade of synthetic rubber suitably compounded for the required application. Rubber compound for gaskets & packings have been developed after years of research in our laboratory. Packings, require skill-full manufacturing technique have also been developed after several years of application research and now they are rated as one of the best in the market.</p> |
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PULSATION DAMPENER & STABILIZER SLEEVES

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|  | <p>Revata Engineering's Pulsation Dampeners and Stabilizer Sleeves are manufactured by using blend of Hydrogenated Nitrile Rubber most suitable for such application, strongly bonded with metal wherever required. They are available for Oil Well / National and other Mud Pumps suitable for model K-10-5000 and K-20-5000 of Hydril, dampeners.</p> |
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Other items like Piston Rods, Lantern Rings, Liner Wear Plates, Liner Gaskets, Wiper Rods, Oil Seals, Valve Guide Bushings, Liner Wear Plate Gaskets, are also available for different models of pumps of Oil Well, National, Gardner Denver, Omega, Ellis Williams, Bournedrill and others.

PLUNGER PUMP SPARES

PLUNGERS



Revata Engineering's make stainless steel / alloy steel Plungers with or without hard-coating and ceramic-coating are available in different sizes for different models of plunger pumps manufactured by BJ, Halliburton, Oil Well, OPI, Gardner Denver and others. Selection of metallurgy for different applications for plunger and plunger packings are essentially the most important factor for longer working life. Trained and experienced engineers at our end are equipped well to suggest most appropriate metallurgy for a particular application. Plunger Packings are made out of very strong fabric, built up in a very special pattern to ensure high quality long performing packings. Plungers and Packing are available in almost all sizes starting from 1.3/8" to 6 1/2".

PLUNGER PACKINGS



Revata Engineering's Plunger Packings are designed to give positive high-pressure sealing, low wear, and long service life. It utilizes a series of seal rings molded from rubber impregnated fabric. The interlocking design provides dependable sealing on the stuffing box configurations. Spacer Rings, and Backup Rings are included as required.

VALVE ASSEMBLIES



Revata Engineering's make Valve Assemblies consisting of Valve Seats, Valve Body, Valve Spring & Valve Insert, Valve Guide are available for different models of pumps manufactured by BJ, Halliburton, Oil Well, OPI, Gardner Denver and others. Special care is taken for dimensional matching between Valve Seat and Valve Body working angles to ensure very high life under very severe working conditions. Inserts are made out of high quality polyurethane materials.



VALVE DISC



VALVE SEAT



VALVE BODY



VALVE SPRING

Valve Seat, Valve Body and Valve Nut are manufactured by using forged carbon steel / stainless steel as per the requirement of the users, suitably hardened grounded finished and hard-coated, wherever required. Special care is taken for dimensional matching between Valve Seat and Valve Body working angles to ensure long-life under severe working conditions. Inserts are available in polyurethane and other polymers to suit customer's requirement.

PLUNGER PACKINGS



Revata Engineering's Gaskets & Packings are made out of appropriately selected grade of synthetic rubber suitably compounded for the required application. Rubber compound for Gaskets & Packings have been developed after years of research in our laboratory. Packings require skill-full manufacturing technique have also been developed after several years of application research and now they are rated as one of the best in the market.



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