

### STRAIGHT TYPE

### RADIAL TYPE

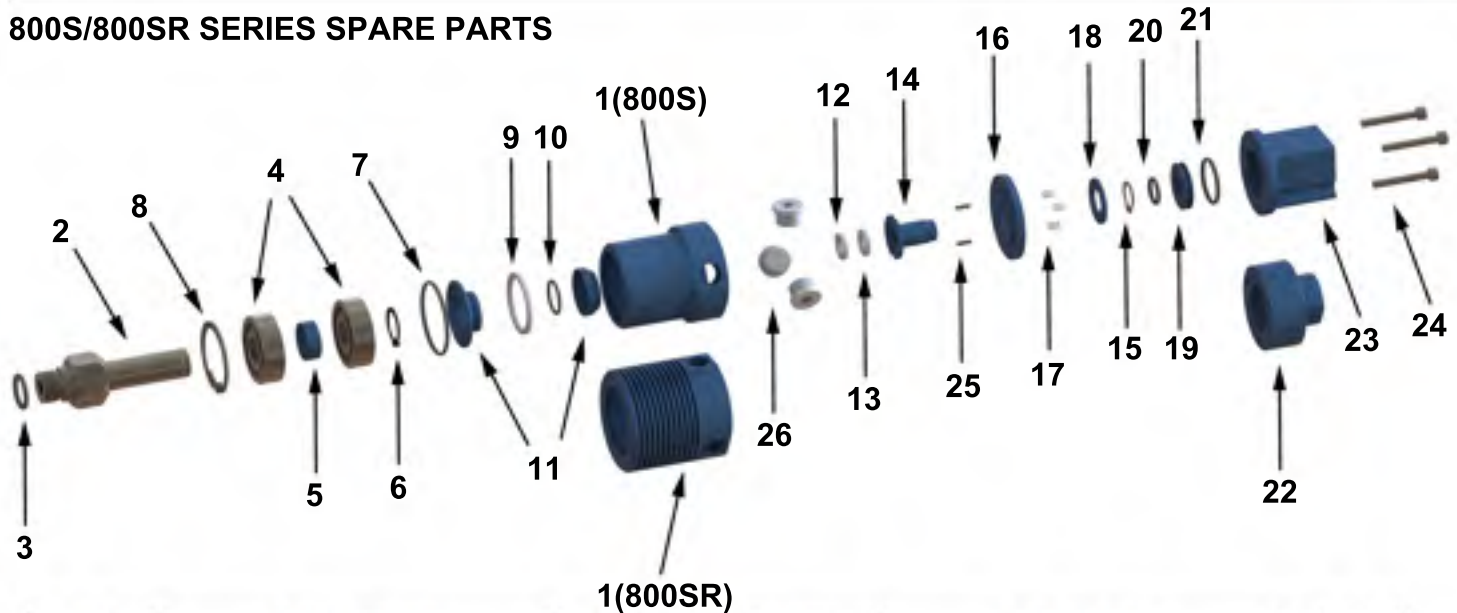


SIZE	MODEL
1/4"	808S
3/8"	810S

### WARNING

Unless specified; ROTOFLUID rotary joints must not be used with Hydrocarbons or Flammable Mediums. Leaking may result explosion or fire.

### 800S/800SR SERIES SPARE PARTS



NO	PART NAME	QTY
1	HOUSING	1
2	SHAFT	1
3	SHAFT O-RING	1
4	BALL BEARING	2
5	WASHER	1
6	EXT. RETAINING RING	1
7	HOUSING O-RING	1
8	INT. RETAINING RING	1
9	WAVE SPRING	4
10	SLINGER O-RING	1
11	SLINGER SET	1
12	SEAL RING	1
13	FLOATING SEAL RING	1

NO	PART NAME	QTY
14	FLOATING SEAL HOLDER	1
15	EXT. RETAINING RING	1
16	HOUSING FLANGE	1
17	SPRING	3
18	SUPPORT WASHER	1
19	SUPPORT	1
20	O-RING	1
21	O-RING	1
22	END CAP - AXIAL	1
23	END CAP - RADIAL	1
24	BOLTS	3
25	PIM	2
26	PIPE PLUG	3

1- Before disassembling the joint from the machine, close inlet valve and wait for all the medium to be drained completely. Be sure that there is no pressure and no residual pressure is applied to the pipe line system of the machine.

2- Disconnect inlet hose from the supply pipe or valve.

3- Disconect drain hose from the drain line.

4- Disassemble shaft from the machine with appropriate tool.



## 800S SERIES DISASSEMBLY & MAINTENANCE INSTRUCTIONS



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- 5- Hold the housing(1) of the joint with a bench wise and take out the inlet and drain hoses from the housing.
- 6- Be careful not to damage the housing while holding it with the bench wise.
- 7- Place the joint on the table onto the housing and control visually if there is any damage or defects, take out the shaft plot o-ring(3).
- 8- Remove end cap bolts(24) and separate end cap(22-23) with housing flange group from the housing.
- 9- Hold the shaft(2) from the threaded side and press through the housing.
- 10- Take out the internal retaining ring(8) with snap ring pliers; take out the shaft with bearings slowly.
- 11- Take out the bearing spring group(9) and housing o-ring(7).
- 12- Inspect for corrosion and deformation, if necessary replace them with new ones.
- 13- Disassemble the seal ring(12) from the shaft. Be careful not to damage the sealing socket.
- 14- Disassemble the bearing slinger set(11) and take out the slinger o-ring(10) from the shaft.
- 15- Take out the shaft retaining ring(6) with appropriate snap ring pliers.
- 16- Disassemble ball bearings(4) and washer(5) from the shaft. Do not damage seal ring socket.
- 17- Clean shaft and inspect for corrosion and deformation. If necessary change it with new one.
- 18- Separate floating seal group and housing flange(16) from the end cap(22-23).
- 19- Take out the support(19) from the floating seal holder(14).
- 20- Remove retaining ring(15) from the holder and take out support washer(18) and springs(17).
- 21- After separating housing flange and floating seal group, take out the floating seal ring(13) from the holder. Take out inner(20) and outer(21) o-rings of the support.
- 22- Clean all internal surfaces of the housing, check for corrosion and deformation. If sealing surfaces are damaged, change the housing with new one.
- 23- Assemble bearings(4) and washer(5) onto the shaft and fix it with retaining ring(6).
- 24- Place a new slinger o-ring(10) and apply grease slightly.
- 25- Assemble the slinger set(11) onto the shaft.
- 26- Place new seal ring(12) into the socket of the shaft. Be careful not to damage sealing surface.
- 27- Assemble a new housing o-ring(7) into the socket of the housing and apply grease slightly.
- 28- Place a new bearing spring set(9) into the housing.
- 29- Hold the shaft from the threaded side; assemble it into the housing, fix with retaining ring(8).
- 30- Control anti rotation pins(25) on the housing flange, if needed, replace them with new ones.
- 31- Assemble a new floating seal ring(13) into the sealing socket of the floating seal holder(14).
- 32- Place new inner(20) and outer o-ring(21) into the sockets of the support(19) and apply grease.
- 33- Apply grease into the spring sockets of the housing flange(16) and place springs(17) in them.
- 34- Assemble floating seal holder(14) to the housing flange from the surface with pins and pin sockets facing together.
- 35- Place support washer(18) onto the floating seal holder and fix with retaining ring(15).
- 36- Assemble support(19) onto the floating seal holder until it is fully in place.
- 37- Align bolt holes of end cap and housing flange. Assemble floating group together into the end cap.
- 38- Align bolt holes and fix the end cap group and housing together with bolts(24).
- 39- Check rotation of the joint, if any knocking or noise show up, go to step 7 and follow the steps.
- 40- Place a new shaft o-ring(3) and apply grease slightly.
- 41- Hold the housing of the joint with a bench wise and assemble inlet and drain hose to the housing.
- 42- Assemble the joint to the machine roll. Control rotation of the joint; if any eccentricity seems, disassemble it and assemble it again.
- 43- Assemble the inlet and drain hose to the lines; now the joint is ready for work.