



Ersatzteile und Servicekits / Spare parts and maintenance kit BSDF90

BERG Öl eingespritzt Schraubenkompressor / Oil injected screw compressor

| Betriebsstunden / When due | Erforderliche Teile / Parts required | Teile-Nr. / Part.no. | Art.-Nr. / Art.no. | Gewicht, per Stück /Weight a piece | Anzahl / Piece Quant. | Preis, per Stück / Price a piece | Netto- Preis / Price net | Gesamt- Preis / Total |
|-------------------------------|--|---|-----------------------|--|-------------------------------------|--|--|--------------------------|
| | | | | kg | | € | € | € |
| 2.000 | Luftfilter / Air filter Ölfilter / Oil filter Filtermatte / Filtering mat | BL 480201 BÖ 480005 BL 483306 | WP1 | 3,0 1,0 1,0 | 1 1 1 | 142,00 104,00 99,00 | 142,00 104,00 99,00 | 345,00 |
| 4.000 | Servicepaket WP1 wie bei 2.000 h / Maintenance kit WP1 as for 2.000 h Kompressoröl - synthetic oil 60 l exchange, (1 pcs.=5 L) Feinabscheiderpatrone / Oil separator | W 68005 BA 480030 | WP2 | 5,0 5,0 4,5 | 12 1 | 48,00 298,00 | 345,00 576,00 298,00 | 1.219,00 |
| 6.000 | Servicepaket WP1 wie bei 2.000 h / Maintenance kit WP1 as for 2.000 h | | WP1 | 5,0 | | | 345,00 | 345,00 |
| 8.000 | Servicepaket WP2 wie bei 4.000 h / Maintenance kit WP2 as for 4.000 h | | WP2 | 69,5 | | | 1.219,00 | 1.219,00 |
| 10.000 | Servicepaket WP1 wie bei 2.000 h / Maintenance kit WP1 as for 2.000 h | | WP1 | 5,0 | | | 345,00 | 345,00 |
| 12.000 | Servicepaket WP2 wie bei 4.000 h / Maintenance kit WP2 as for 4.000 h Drucksensor / Pressure sensor Wartungspaket für Minimaldruckventil / Maintenance kit for minimum pressure valve Reparatursatz für Saugventile / Suction valve repair kit Reparatursatz für Überdruckventile / Relief valve repair kit Thermostatelement / Thermostat element (below 13 bar) Öltemperatursensor / Oil temperature sensor Magnetventil / solenoid valve | BS 480010 BS 482444 BS 484114 BS 484838 BS 480193 BS 480008 BS 480022 | WP3 | 69,5 0,4 0,3 0,3 0,2 0,3 0,3 | 1 1 1 1 1 1 1 | 142,00 255,00 434,00 100,00 246,00 67,00 67,00 | 1.219,00 142,00 255,00 434,00 100,00 246,00 67,00 67,00 | 2.530,00 |
| 14.000 | Servicepaket WP1 wie bei 2.000 h / Maintenance kit WP1 as for 2.000 h | | WP1 | 5,0 | | | 345,00 | 345,00 |
| 16.000 | Servicepaket WP2 wie bei 4.000 h / Maintenance kit WP2 as for 4.000 h | | WP2 | 69,5 | | | 1.219,00 | 1.219,00 |
| 18.000 | Servicepaket WP1 wie bei 2.000 h / Maintenance kit WP1 as for 2.000 h | | WP1 | 5,0 | | | 345,00 | 345,00 |
| 20.000 | Servicepaket WP2 wie bei 4.000 h / Maintenance kit WP2 as for 4.000 h | | WP2 | 69,5 | | | 1.219,00 | 1.219,00 |
| 22.000 | Servicepaket WP1 wie bei 2.000 h / Maintenance kit WP1 as for 2.000 h | | WP1 | 5,0 | | | 345,00 | 345,00 |
| 24.000 | Servicepaket WP3 wie bei 12.000 h / Maintenance kit WP3 as for 12.000 h Luftendichtung verschrauben / Screw air end sealing Thermoelement / Thermocouple Kupplungseinsatz / Coupling insert | BS 485110 BS 484816 BS 480165 | WP4 | 71,6 0,5 0,4 0,5 | 1 1 1 | 819,00 590,00 65,00 | 2.530,00 819,00 590,00 65,00 | 4.004,00 |
| | * - erfordernis weitere Teile ist abhängig vom Serviceplan und Einsatzbedingungen * - further parts are required depending on wear or recommendations in the maintenance schedule | | | | | | | |



BERG Kompressoren GmbH



Schedule of technical inspections of BERG oil injected screw compressors

Update: 12.2021

| Required steps | 2000 | 4000 | 6000 | 8000 | 10000 | 12000 | 14000 | 16000 | 18000 | 20000 | 22000 | 24000 | 26000 | 28000 | 30000 | 32000 | 34000 | 36000 | 38000 | 40000 |
|--|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Replace the air filter cartridge | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Replace the oil filter | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Oil change | | X | | X | | X | | X | | X | | X | | X | | X | | X | | X |
| Oil separator replacement | | X | | X | | X | | X | | X | | X | | X | | X | | X | | X |
| Check electrical connections and cables | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Checking the plugs and connections of the control unit | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Safety valve operation check | | | | | | X | | | | | | X | | | | | | | X | |
| Checking the screw stage bearings | | | | | | X | | | | | | X | | | | | | | X | |
| Checking the engine cushions and screw air end | | | | | | X | | | | | | X | | | | | | | X | |
| Motor bearing check | | | X | | | X | | | X | | | X | | | X | | | X | | |
| Control of the steering system | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Relief System Check if present | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Checking the minimum pressure valve | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Checking the oil suction system | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Control of thermistor settings and operation | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Check the indications of the wear monitor of the frequency converter components and replace if necessary | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Switch cabinet filter replacement | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Contactors control | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Contactors replacement | | | | | | | | | | | | X | | | | | | | | |
| Lubricate the motor bearings | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Filter mat replacement | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Thermostat cartridge replacement | | | X | | | X | | | X | | | X | | | X | | | X | | |
| Pressure valve repair kit replacement min. | | | | X | | | | X | | | | X | | | | X | | | | X |
| Replace the VMC suction valve repair kit | | | | X | | | | X | | | | X | | | | X | | | | X |
| Replace the suction valve repair kit | | | | | | X | | | | | | X | | | | | | X | | |
| Relief valve repair kit replacement if present | | | X | | | X | | | X | | | X | | | X | | | X | | |
| Replacement of solenoids | | | | | | X | | | | | | X | | | | | | X | | |
| Pressure sensor replacement | | | | | | | | X | | | | | | | | X | | | | |
| Replacing V-belt if present | | | X | | | X | | | X | | | X | | | X | | | X | | |
| Clutch liner replacement if present | | | | | | X | | | | | | X | | | | | | X | | |
| Hose replacement | | | | | | | | | | | | X | | | | | | | | |
| Replacing the motor bearings (non-lubricated) | | | | | | X | | | | | | X | | | | | | X | | |
| Replacing the motor bearings (lubricated) | | | | | | | | | | | | X | | | | | | | | |
| Oil temperature sensor replacement | | | | | | | | X | | | | | | | | X | | | | |
| Replace the shaft seal ring | | | | X | | | | X | | | | X | | | | X | | | | X |
| Screw air end overhaul/replacement | | | | | | | | | | | | X | | | | | | | | |

Warranty inspections should be performed according to the schedule, every 2000 hours of compressor operation or annually (if the compressor has not worked 2000 hours in 12 months).

If it is necessary to replace additional elements not covered by the warranty, the costs of the replaced parts will be added to the prices indicated.

The cost of the service inspection is determined by the price list of the manufacture or a local distributor according to the date of ordering the service.