

# Valuable technical information



## SPARE-PART & MAINTENANCE KITS

### Model HV2/200

#### High pressure and low pressure models.

*SPERRE's kits of genuine spare-parts include the wear parts you must change when you overhaul the compressor. For example, if you replace a valve, it is strongly recommended to replace the valve gaskets at the same time. With a spare-part kit available, all necessary parts are at hand together with clear*



#### For model HV2/200 following kits are available:

Description	Part No	Content of kit
Gasket kit	4112	All flat gaskets, O-rings, sealing rings, and valve copper gaskets.
Crankshaft	2012MK	Crankshaft with all bearings, flywheel key and nut.
LP suction valve	3020MK	Valves and necessary copper rings and gaskets for valve covers.
LP delivery valve	3021MK	Valves and necessary copper rings and gaskets for valve covers.
HP suction valve (Working pressure 15-35 bar)	3049MK	Valves and necessary copper rings and gaskets for valve covers.
2. Stage suction valve (Working pressure 0-10 bar)	3232MK	Valves and necessary copper rings and gaskets for valve covers.
HP delivery valve	3012MK	Valves and necessary copper rings and gaskets for valve covers.
Overhaul kit – LP suction valve	3020MK2	Valve springs, plates, fixing pins and gaskets.
Overhaul kit – LP delivery valve	3021MK2	Valve springs, plates, fixing pins and gaskets.
Overhaul kit – HP suction valve (Working pressure 15-35 bar)	3049MK2	Valve springs, plates, fixing pins and gaskets.
Overhaul kit – 2. Stage suction valve (Working pressure 0-10 bar)	3232MK2	Valve springs, plates, fixing pins and gaskets.
Overhaul kit – HP delivery valve	3012MK2	Valve springs, plates, fixing pins and gaskets.
Piston LP	3382MK	Piston, gudgeon pin with Seeger-rings and piston rings.
Piston HP	3398MK	Piston, gudgeon pin with Seeger-rings and piston rings.
Connecting rod LP	1414MK	Connecting rod with small- and big- end bearings.
Connecting rod HP	1415MK	Connecting rod with small- and big- end bearings.
Lubrication oil pump	4441MK	Complete lub. Oil pump, connector, gasket and set screw.
Cylinder head	1255MK	Cylinder head with gaskets, stud bolts/nuts and fittings.
Cylinder block	1101MK	Cylinder block with gaskets, stud bolts/nuts and fittings.
Flex. Coupling disc	4523MK	Coupling disc with bolts and nuts.

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genuine spare parts**

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Overhaul kit Routine D (Working pressure 15-35 bar)	7976	All parts needed for 5000-hours' maintenance: Gasket kit, piston rings, gudgeon pin, gudgeon bearing and valve overhaul kits.
Overhaul kit Routine D (Working pressure 0-10 bar)	8421	All parts needed for 5000-hours' maintenance: Gasket kit, piston rings, gudgeon pin, gudgeon bearing and valve overhaul kits.
Overhaul kit Routine E and F (Working pressure 15-35 bar)	8311	All parts needed for 10 000 hours' maintenance: Same as kit D, plus complete valves, non-return valve insert and all crankshaft bearings
Overhaul kit Routine E and F (Working pressure 0-10 bar)	8432	All parts needed for 10 000 hours' maintenance: Same as kit D, plus complete valves, non-return valve insert and all crankshaft bearings.
Anti Condensation kit, Anticon II	9015	Cooler cover with built-in water separator, with necessary stud bolts/nuts, gaskets and fittings.

**For information:**

The low pressure compressor (0-10 bar) have a 2. stage suction valve with an unloading mechanism similar to the unloading mechanism on the 1. stage suction valve.

The high pressure compressor (15-35 bar) have a 2. stage suction valve without this unloading mechanism.

**Genuine Sperre parts give you peace of mind at sea!**

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