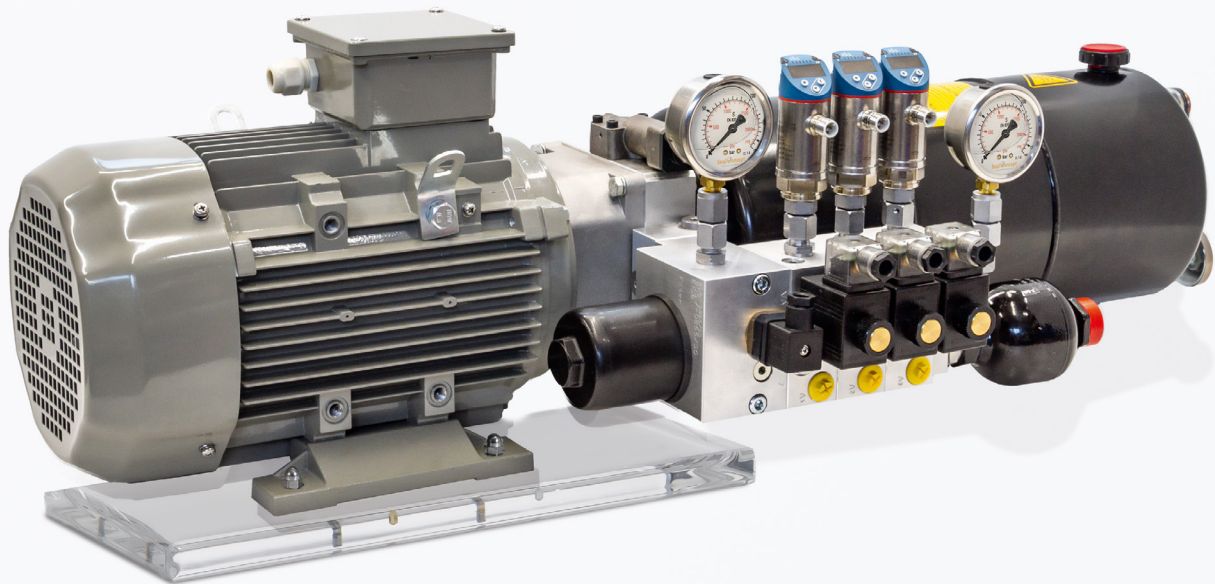




Compact Power Modules



T O G E T H E R F O R T H E B E S T O F A L L S O L U T I O N S



Compact Hydraulic Power Modules by Seal Concept GmbH

„Power benefits those who can control it.“

Hydraulic power modules for generating hydraulic pressure and oil flow.

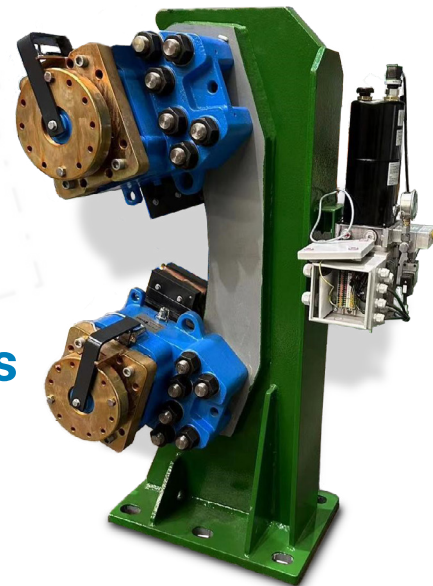
Everyone benefits daily from technology that works reliably.

Our compact hydraulic power modules are used in forklifts, home lifts, lifting platforms of all kinds, hydraulic presses, machine tools, bulk material machines, brakes, olding cranes and many other applications.

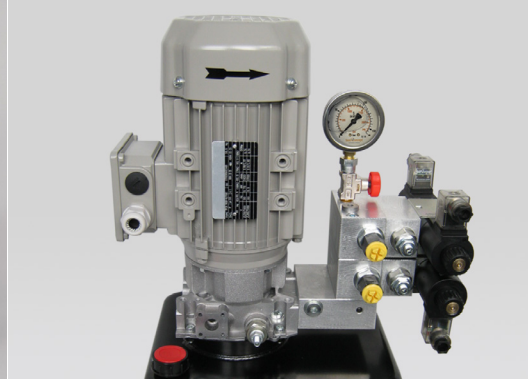
Ordering Compact Hydraulic Power Modules from Seal Concept GmbH is very simple:

You provide us with your hydraulic requirements.

We clarify the technical details with you, plan the project, and deliver ready-to-install compact hydraulic power modules.



Compact Hydraulic Power Module for Brake Systems



Our Service Portfolio and Your Benefits at a Glance

- Compact hydraulic power modules for a wide range of applications
- On-site consultation by our field service team
- Short quotation phase
- Customised solutions with our in-house block construction design
- In-house project planning, assembly and test runs
- Documentation in accordance with the Machinery Directive
- Spare parts service, maintenance and repair of power units
- Minimization of costly downtime
- Fast shipping of components and power units
- Use of Bosch Rexroth Oil Control components
- Over 5.000 different hydraulic components available from stock



Compact Hydraulic Power Unit Test Bench

Overview – Technical Key Specifications

Compact Power Modules Types (ME / K / KE / KS / ZL / IM / MT)

Motors S1 (standard):

Three-phase 230/400 V - 50 Hz; 4-pole, 3-phase

Motor	Pump
0,18 kW - 11,0 kW	0,20 l/min - 47,70 l/min

Single-phase 230 V - 50 Hz; 4-pole

Motor	Pump
0,25 kW - 2,2 kW	0,25 l/min - 13,2 l/min

Motors S1 (high-speed version):

Three-phase 230/400 V - 50 Hz; 2-pole, 3-phase

Motor	Pump
0,75 kW - 4,0 kW	0,55 l/min - 26,4 l/min

Single-phase 230 V - 50 Hz; 2-pole

Motor	Pump
0,75 kW - 2,2 kW	0,5 l/min - 26,3 l/min

Motors S3 (without cooling fan):

Three-phase 230/400 V - 50 Hz; 4-/2-pole, 3-phase

Motor	Pump
0,75 kW - 3,6 kW	2,3 l/min - 26,3 l/min

Motors S2 / S3 (Intermittent Operation):

Direct Current (DC) 12 V DC

Motor
0,15 kw - 1,6 kW

Oil Tanks:

Plastic	1,0 l - 12,7 l
Steel	1,0 l - 120,0 l

Direct Current (DC) 24 V DC

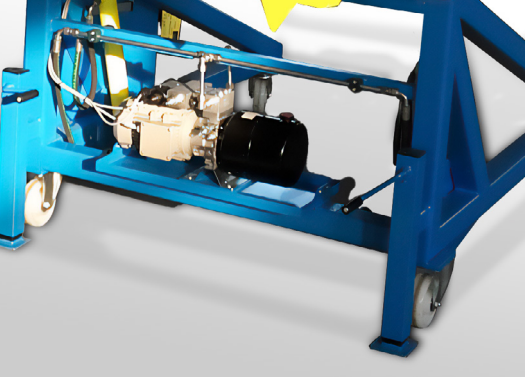
Motor
0,15 kW - 3,0 kW

Note for DC-Motors:

The flow rate (l/min), current consumption (A), and duty cycle (S2 / S3) can only be determined using a motor-pump diagram!



Motors with special voltage for worldwide use, as well as the corresponding certifications, are available upon request.



Project Planning

For our project planning, we have designed a „Technical Customer Inquiry Form“ for you. You can fill it out on our homepage at www.sealconcept.com/de/konfigurator or we can send it to you upon request. We are also happy to clarify your technical requirements over the

Customized Solutions

In collaboration with our in-house block construction, we can offer you many space-saving and compact custom solutions. The blocks are fully equipped and mounted onto the connection hole pattern of our hydraulic units.

- This significantly reduces piping and hose installation work
- Potential leakage points are minimized or eliminated
- The installation space can be kept smaller

Documentation

For each individual unit or series, you will receive documentation in accordance with the EC Machinery Directive 2006/42/EC, Annex II B (available in German or English, in paper form or as a PDF upon request).

The following harmonized standards are applied:

DIN EN ISO 12100:2011-03

DIN EN ISO 4413:2011-04

Furthermore, conformity with the provisions of the following EU directives is declared:

EU Low Voltage Directive: 2014/35/EU

EU EMC Directive: 2014/30/EU

EU Simple Pressure Vessels Directive: 2014/29/E

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Together for the best of all solutions

Seal Concept GmbH

Hans-Sachs-Straße 2
86399 Bobingen
Germany

Hydraulic Sales

Phone: +49 8234 96 71-52, -90, -878, -889

Fax: +49 8234 96 71-23

Hydraulic Engineering:

Phone: +49 8234 96 71-66, -96, -688

Fax: +49 8234 96 71-23

Manifold Engineering:

Phone: +49 8234 96 71-871, -880

Compact Power Modules Engineering (Plant 2):

Phone: +49 8234 96 71-20, -886, -995

Main Office:

Phone: +49 8234 96 71-0, -46

Seal Concept®

DICHTUNGEN & HYDRAULIK

- Seals & Seal Kits
- Hydraulic Components
- Compact Power Modules
- Hydraulic Integrated Circuits
- Custom Solutions



Please visit our website for contact information for specific individual persons.

www.sealconcept.com

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