

HYDRAULIC POWER PACK

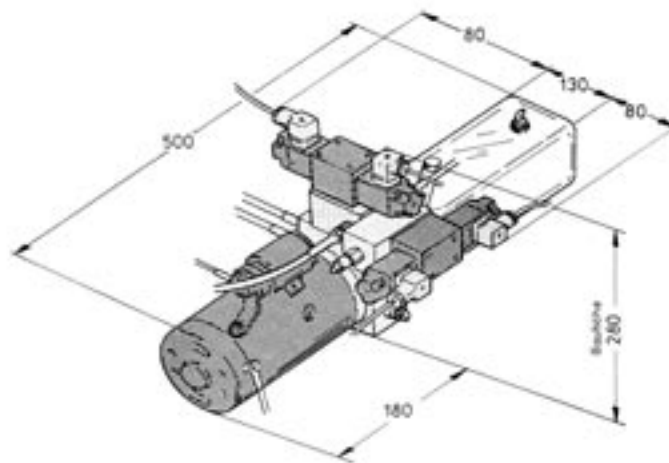


• POWERPACK SIZE 1 / 3KW •



POWERPACK I

The smallest power pack in this series has an impact-resistant plastic reservoir and is designed for use on smaller boats. It can be mounted upright or on its side and is therefore easily almost everywhere installed.



PPI 1,5 AND 2KW



RECKMANN HYDRAULIC

Hydraulic Data	PP I /1,5 and 2KW	PP I/3KW	PP II	PP III	PP IV
Oil reservoir volume in litres	3	6	30	30	60
Operating pressure in bar (set via integral pressure control valve)	140	150	150	150	100 (Pu. 2+3), 150 (Pu. 2+4)
Maximum operating pressure in bar	160	160	160	160	160
Maximum flow rate* in litre/min.	9,8	20-26,5 **	20-26,5 **	47,5	95
Flow rate* at 100 bar in litre/min.	7,2	11,2-14,4 **	11,2-14,4	25,6	51,2
Flow rate* at 140 bar in litre/min.	6,5	9,6–12,2 **	9,6-12,2 **	9,6-12,2 **	23,63
Hydraulic oil	Tellus 32	Tellus 32	Tellus 32	Tellus 32	Tellus 32
Hose connector	R1/4" female thread or Parker fitting 6F42EDMXSS		R3/8" female thread or Parker fitting 6-6F42EDMXSS		
Required hydraulic hoses	SAE 100R7, DIN 24961-2KT,BS 4983 Type 1, ISO 3949-1				

The diameters of the hydraulic hoses are dependent upon connected appliances and their distance to the power pack, Please ask us for advice.

*Flow rate directly at pump pressure side **Depends upon choice of pump

Reckmann Power Packs distinguish themselves by their extremely compact construction, which makes it possible to install these units virtually anywhere below deck. Because each hydraulic function can be adjusted to suit individual pressure and flow rate requirements,

Reckmann Hydraulic Power Packs are an impressive combination of performance and safety. Due to their modular design the Power Packs can be easily extended at a later date to provide control for other hydraulic functions.








INNOVATIVE TECHNOLOGY AND MODERN DESIGN

Electrical Data

	PP I/1,5 and 2KW	PP I/3KW	PP II	PP III	PP IV
Output at 24V in KW	2; 1,5 (12V)	3	3	3	6
Required fuse for electric motor at 24V in A	180; 250 (12V)	180	180	180	180
Required fuse for control circuit in A	6	6	6	6	6
Required cross section of cable is dependent on cable length (Path: Battery – Unit - Battery)					
Up to 5m at 24V in mm2	50; 70 (12V)	50	50	50	50
Up to 10m at 24V in mm2	70; 120 (12V)	70	70	70	70
Up to 12.5m at 24V in mm2	95; 185 (12V)	95	95	95	95

Important! Voltage drop must not be allowed to exceed 1 volt

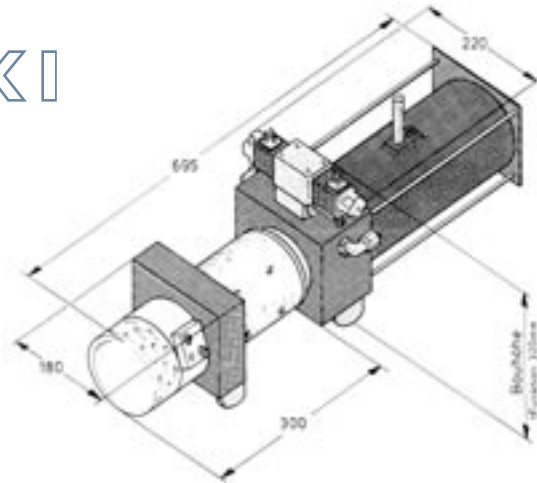
The following functions can be controlled using our Power Packs:

-  Roller Reefing Systems
-  Mast Furling Systems
-  Foot Outhauls
-  Ramps
-  Doors
-  Platforms
-  Hydraulic Winches

PPI 3KW

► POWERPACK I

The more powerful version of the PP1 with an anodised aluminium reservoir is designed for 2 functions. The extremely compact construction makes it particularly easy to access and hence easy to service.



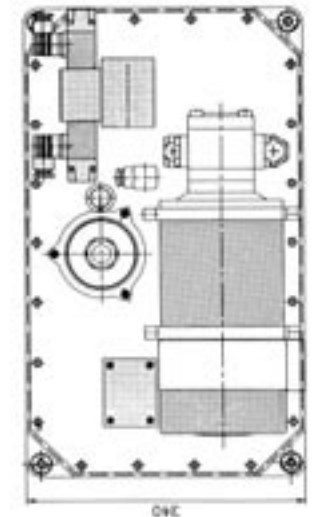
POWER PACKS

PP II



► POWERPACK II

Power Pack Size 2 provides control for up to five applications. The use of anodised aluminium makes the system extremely resistant to corrosion and very light in proportion to its performance.

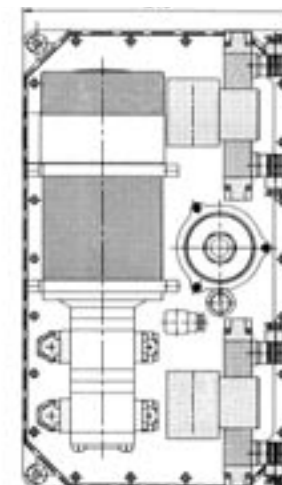


PP III



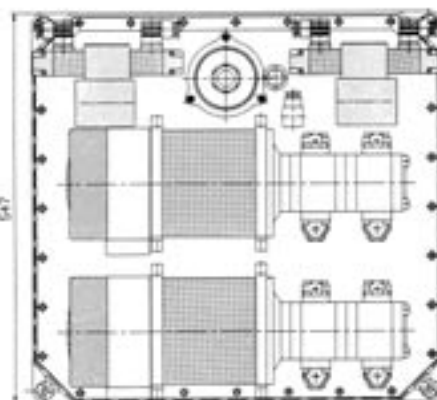
POWERPACK III

The particularly powerful Power Pack Size 3 offers a twin pump system which can supply twice the volume flow within the 100 bar pressure range. The anodised aluminium power pack provides control for up to 10 functions.



POWERPACK IV

This powerful hydraulic system, with its two direct current (DC) tandem pump units, has ample spare capacity at its disposal, so it can maintain sufficient system pressure even with a reduced oil flow should one of the pumps.



PP IV





Reckmann Hydraulic Applications

- RF90 Roller Reefing Systems
- “Real Time” RF90 Forestay Length Adjuster
- RF90 Below Deck Furler
- In Mast & In Boom Furling
- Hydraulic Outhaul & Main Sheet Systems
- Hydraulic Winches
- Hydraulic Boom Vang & Backstay
- Hydraulic Transom Hatch
- Anchor Winches
- Special Functions

Naturally we also develop and produce specific customised solutions. Our engineers will gladly work with you with complete confidence to realise your projects.

Why not give us a call?

System solutions for all applications

Roller Reefing Systems from Reckmann are the first choice for sailing vessels of all sizes; they are the preferred system for 30-foot boats as well as for megayachts. In addition to series boats and semi-custom projects from Nautor (Swan), Baltic, Oyster, X-Yachts and Contest we also equip

individual yachts from international boatyards. There are three main reasons why we have gained this excellent reputation: firstly, our products offer ease of handling, work under all conditions, are extremely reliable and essentially maintenance free. Secondly, they represent current state-of-the-

art technology and the materials used are uncompromising as far as quality requirements are concerned. In this constant endeavour to develop the best possible products we see our challenge and our future.