

## Bell Housing Set



### 7. BELL HOUSING SET

#### 7.1 DESCRIPTION

HYDAC Accessories offers a full range of bell housing sets to suit HYDAC pumps to ensure simple and efficient connection to drive motors.

Depending on the requirements, the sets include the appropriate bell housings and couplings. As an option, bell housing foot brackets and damping rails are also available.

#### 7.2 BELL HOUSINGS - DESIGNS

Bell housings are connecting elements between drive motors and hydraulic pumps.

They are made from an aluminium alloy, in dimensions according to VDMA 24561. Both connecting flanges are supplied ready for installation.

Using a HYDAC bell housing eliminates costly alignment work.

Available designs:

- Rigid bell housing (PTS)
- Flexible bell housing (PT)
- Flexible bell housing with oil-air cooler (PTK)

#### Select the correct nominal size:

Motor size	Bell housing size	Motor power at 1500 rpm kW *	Bell housing version		
			PTS rigid	PT flexible	PTK flexible with oil-air cooler
71	160	0.25-0.37	x	not available	
80	2001	0.55-0.75	x	x	x
90S	200	1.1	x	x	x
90L	200	1.5	x	x	x
100L	250	2.2-3	x	x	x
112M	250	4	x	x	x
132S	300	5.5	x	x	x
132M	300	7.5	x	x	x
160M	350	11	x	x	x
160L	350	15	x	x	x
180M	3501	18.5	x	x	x
180L	3501	22	x	x	x
200L	400	30	x	x	Not available
225S	450	37	x	x	
225M	450	45	x	x	
250M	550	55	x	x	
280S	5501	75	x	x	
280M	5501	90	x	x	
315S	660	110	x	x	
315M	660	132	x	x	
315L	6601	160-200	x	x	

\* For other motor speeds or sizes please contact HYDAC.

Not available

## 7.3 ORDERING CODE

**PTK – 2001 / 2.0 / PPV100 / 016 / S F00 - 00**

### Bell housing design

PTS = rigid bell housing

PT = flexible bell housing

PTK = flexible bell housing with oil-air cooler

### Size of set

Size of set	Motor size	Power at 1500 rpm *
160	71	0.25 - 0.37 kW
2001	80	0.55 - 0.75 kW
200	90S-90L	1.1 - 1.5 kW
250	100L-112M	2.2 - 4 kW
300	132S-132M	5.5 - 7.5 kW
350	160M-160L	11 - 15 kW
3501	180M-180L	18.5 - 22 kW
400	200L	30 kW
450	225S-225M	37 - 45 kW
550	250M	55 kW
5501	280S-280M	75 - 90 kW
660	315S-315M	110 - 132 kW
6601	315L	160 - 200 kW

\* For other motor speeds or sizes please contact HYDAC.

### Version

2.0 = Standard

5.3 = to CNOMO standard (drain and mounting bore with grille)

### Pump series

PPV100S	Axial piston pump, medium heavy duty series
PPV100	Axial piston pump, medium heavy duty series
PPV101	Axial piston pump, medium heavy duty series
PPV102	Axial piston pump, heavy duty series
PPV103	Axial piston pump, light duty series
PVF100	Vane pump, fixed displacement
PVF101	Vane pump, fixed displacement, double pump
PVV100	Vane pump, variable displacement, hydraulic compensation
PVV103	Vane pump, variable displacement, hydraulic compensation
PVV101	Vane pump, variable displacement, mechanical compensation
PVV102	Vane pump, variable displacement, mechanical compensation
PGE100	External gear pump, size 0
PGE101	External gear pump, size 1
PGE102	External gear pump, size 2
PGE103	External gear pump, size 3
PGE104	External gear pump, multiple pumps
PGI100	Internal gear pump, medium heavy duty series, size 2
PGI101	Internal gear pump, medium heavy duty series, size 3
PGI102	Internal gear pump, heavy duty series, size 2/3/6
PGI103	Internal gear pump, medium heavy duty series, size 5/6

### Set designation

HYDAC issues the designation of the set.

Please use our software selection tool software. The program can be downloaded free of charge from our website: [www.hydac.com](http://www.hydac.com) under >> Service >> Downloads >> Software >> Accessories >> Bell housing sets.

## 7.4 ACCESSORIES

In addition to the bell housing sets, HYDAC Accessories also offers foot brackets and damping rails.

Detailed information is given in our brochure "Bell Housing Accessories" (E 5.616), which can be downloaded from our web site [www.hydac.com](http://www.hydac.com).

### Foot brackets

HYDAC foot brackets for simple installation of the motor pump unit to the power unit.

- Foot brackets to VDMA 24561
- The lightweight and heavy series are available from stock
- Reduction of the motor bearing bracket to IMB5/V1
- Simple replacement of the electric motor
- Hydraulic pump and pipework setup without an electric motor also possible
- Available sizes:  
Light duty series: PF-160/3 to PF-300/3  
Heavy duty series: PF-250/4 to PF-660/4

### Damping rails

HYDAC damping rails decouple vibrations and reduce noise emissions

- For foot brackets to VDMA 24561 in the light and heavy duty designs
- Resistant to mineral oil due to NBR rubber compound
- Designed for load-bearing when installed horizontally
- Noise-reduction and vibration-damping
- Available from stock
- Special lengths and/or special designs available on request
- Available sizes:  
FDS.../3 for foot brackets for the light duty series  
FDS.../4 for foot brackets for the heavy duty series



### HYDAC Accessories GmbH

Hirschbachstr. 2

**D-66280 Sulzbach/Saar**

Tel.: 0049 (0)68 97 / 509 - 1001

Fax: 0049 (0)68 97 / 509 - 1009

Internet: [www.hydac.com](http://www.hydac.com)

Email: [info@hydac.com](mailto:info@hydac.com)

