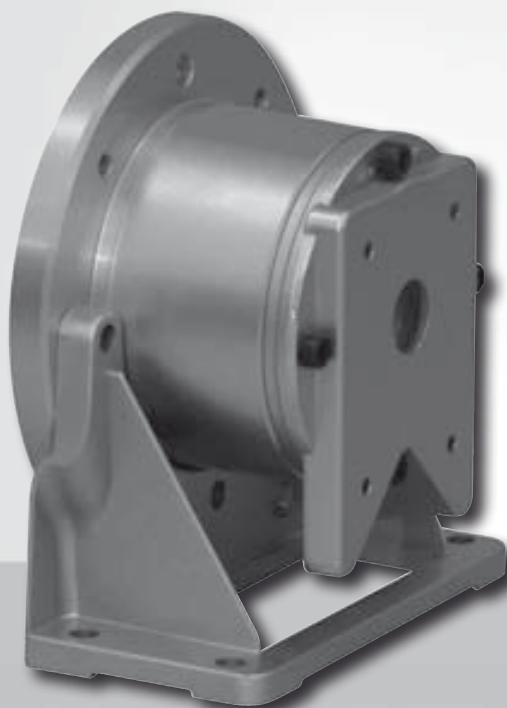




齿轮泵钟罩 *Bell housings for Gear Pumps*



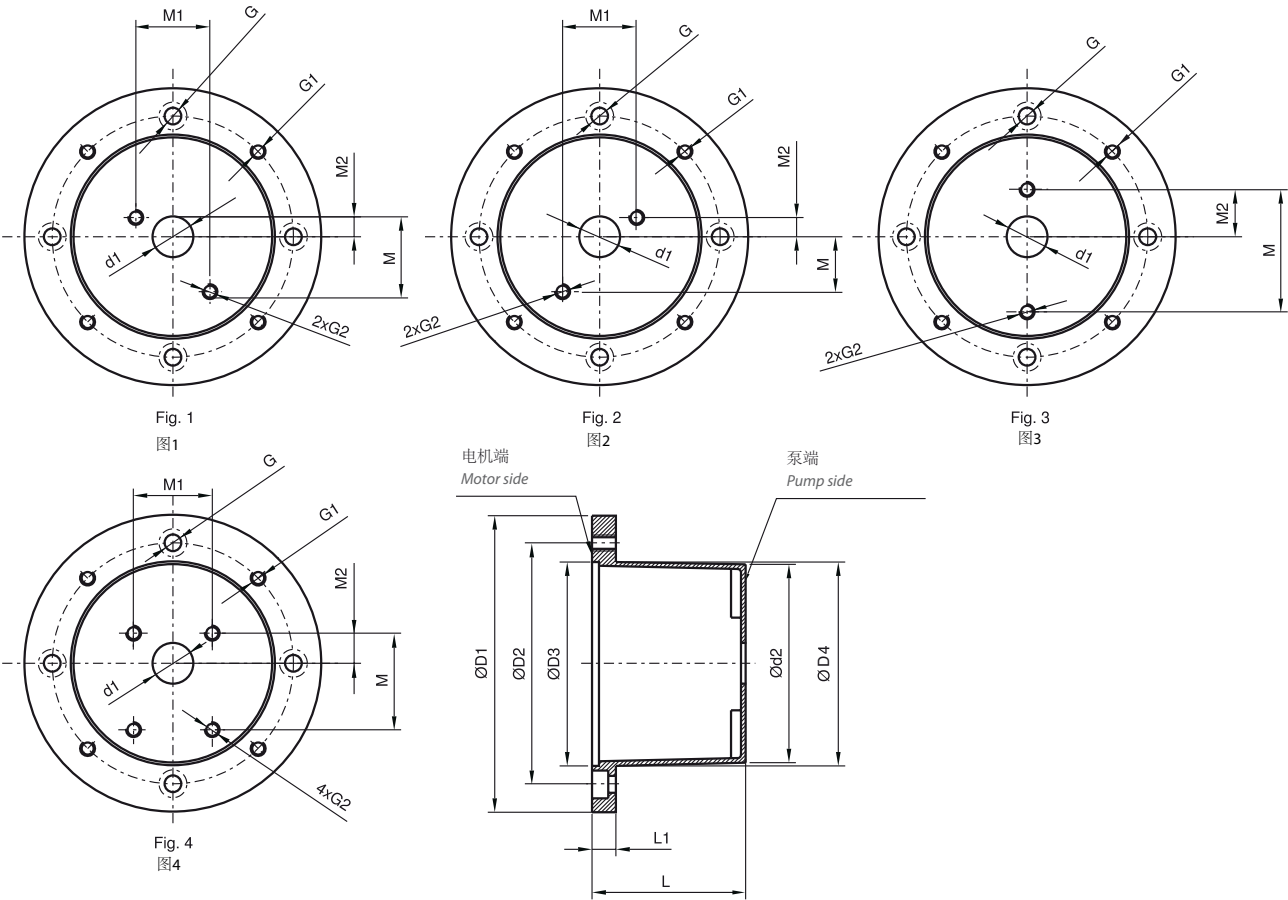
- **VDMA 24 561**标准电机法兰高度
- **VDMA 24 561**标准可选带支架组合
- 电机法兰直径范围**160 - 400mm**

- *Height of motor flange acc. to VDMA 24 561*
- *Optional combination with footbrackets acc. to VDMA 24 561*
- *Motor flange-diameter from 160 - 400 mm*

型号 Model type

RV 250 /		110 /	441 /	B14 /	ZFV
钟罩 Bellhousing					可选内部代码 Optional internal code
法兰-Ø Flange-Ø	160				ZFV 泵端法兰 Intermediate flange pump side
	200				MZF 电机端法兰 Intermediate flange motor side
	250				ZR 定心 Centerring
	300				MB 观察孔 Inspection hole
	350				LB 泄油孔 Leakage boring
	400				E 拧螺母 Press nut
钟罩长度 Length of bellhousing				机座规格 Frame size	
见表 See tables				- IM B 35	
				B 14 IM B 14	
		泵连接 Pump connection			
		XXXX 内部加工代码 Internal machining code			

型号 Model type



电机法兰 – Ø 160 mm *Motorflange – Ø 160 mm*

尺寸 *Dimensions* [mm]

型号 Type	泵连接 Pump con.	D1	D2	D3	D4	d1	d2	L	L1	F	G	G1	G2	M	M1	M2
RV160/70/401	图1 Fig. 1	160	130	110	110	32	107	70	13	4	9	M8	2 x M8	40	40	10.35
RV160/70/468	图3 Fig. 3					22							2 x M6	66	25.5	33
RV160/80/401	图1 Fig. 1					32	107	80					2 x M8	40	40	10.35
RV160/80/401/B14						32						M9				
RV160/80/448/ZFV*	图4 Fig. 4					25.4	—					M8	4 x M6	72	52.4	26.2
RV160/80/448/B14/ZFV*						25.4						M9				
RV160/80/453/B14/ZFV*						30								73	56	24.5
RV160/90/401	图1 Fig. 1					32	107	90				M8	2 x M8	40	40	10.35
RV160/90/401/B14						32						M9				
RV160/90/448/ZFV*	图4 Fig. 4					25.4	—					M8	4 x M6	72	52.4	26.2
RV160/90/448/B14/ZFV*						25.4						M9				24.5
RV160/90/453/B14/ZFV*						30								73	56	
RV160/95/441/B14/ZFV*						80	—	95					4 x M8	100	72	34.5
RV160/95/446/B14/ZFV*						36.5								96.2	71.5	32.7
						80	—	105						100	72	34.5
RV160/105/446/B14/ZFV*						36.5								96.2	71.5	32.7
						25.4								72	52.4	26.2
RV160/110/441/B14/ZFV*						80								100	72	34.5
RV160/110/446/B14/ZFV*						36.5								96.2	71.5	2.7

电机法兰 – Ø 200 mm Motorflange – Ø 200 mm

尺寸 *Dimensions* [mm]

[illegible]

*不适用于要求无漏油的安装 * Don't use for leakage free assembly

电机法兰 - Ø 250 mm *Motorflange - Ø 250 mm*

尺寸 *Dimensions* [mm]

型号 Type	泵连接 Pump con.	D1	D2	D3	D4	d1	d2	L	L1	F	G	G1	G2	M	M1	M2			
RV250/110/401	图1 Fig. 1	250	215	180	190	32	179	110	19	5	14	M12	2 x M8	40	40	10.35			
RV250/110/402						50										72	72	28.6	
RV250/110/439	图4 Fig. 4					80							2 x M10	60	60	14.5			
RV250/110/441						4 x M8							100	72	34.5				
RV250/110/446													96.2	71.5	32.7				
RV250/110/448						4 x M6							72	52.4	26.2				
RV250/110/453													73	56	24.5				
RV250/110/459													96.2	71.5	32.7				
RV250/110/462						4 x M8													
RV250/110/493						4 x M6							72	52.4	26.2				
RV250/110/828	图1 Fig. 1					77		116					4 x M8	96.2	71.5	32.7			
RV250/116/401						32							40	40	10.35				
RV250/116/402						50										72	72	28.6	
RV250/116/439																2 x M10	60	60	14.5
RV250/116/441						80							4 x M8	100	72	34.5			
RV250/116/446						36.5								96.2	71.5	32.7			
RV250/116/448						25.4							4 x M6	72	52.4	26.2			
RV250/116/453						30								73	56	24.5			
RV250/116/459	图4 Fig. 4					36.5								96.2	71.5	32.7			
RV250/116/462						4 x M8													
RV250/116/493						33							4 x M6	72	52.4	26.2			
RV250/116/828						77							4 x M8	96.2	71.5	32.7			
RV250/120/404						52							2 x M8	62	62	23.3			
RV250/120/405						63													
RV250/124/404						52													
RV250/124/405						63													

电机法兰 – Ø 300 mm Motorflange – Ø 300 mm

尺寸 Dimensions [mm]

型号 Type	泵连接 Pump con.	D1	D2	D3	D4	d1	d2	L	L1	F	G	G1	G2	M	M1	M2
RV300/130/405	图1 Fig. 1	300	265	230	234	63	223	130	20	5	14	M12	2 x M8	62	62	23.3
RV300/130/439						50							2 x M10	60	60	14.5
RV300/130/441	图4 Fig. 4					80							4 x M8	100	72	34.5
RV300/130/446						36.5								96.2	71.5	32.7
RV300/130/459													4 x M6			
RV300/130/499	图2 Fig. 2					50							2 x M10	60	60	14.5
RV300/144/425	图4 Fig. 4					65		144					4 x M8	110	110	32.5
RV300/144/444						50.8							4 x M10	137	98.4	45
RV300/144/447													4 x M8	128		42.9
RV300/144/465													4 x M10			
RV300/162/403/ZFV*						125	–	162						206	136	103
RV300/162/419/ZFV*						60							4 x M12	154	127	48
RV300/162/423/ZFV*						85							4 x M10	164	124	50
RV300/162/426/ZFV*						80							4 x M12	150	150	43.2
RV300/162/427/ZFV*						63.5								188	143	64.3
RV300/162/442/ZFV*						105							4 x M10	145	102	48
RV300/162/443/ZFV*						60							4 x M12	148	127	
RV300/162/444/ZFV*						50.8							4 x M10	137	98.4	45
RV300/162/449/ZFV*						60.3								149.4	114.3	49.3
RV300/162/451/ZFV*						63.5							4 x M12	196	142.8	65.1
RV300/162/475/ZFV*						160							4 x M16	200	160	70.7

*不适用于要求无漏油的安装 * Don't use for leakage free assembly

电机法兰 – Ø 350 mm Motorflange – Ø 350 mm

尺寸 Dimensions [mm]

型号 Type	泵连接 Pump con.	D1	D2	D3	D4	d1	d2	L	L1	F	G	G1	G2	M	M1	M2
RV350/173/404	图1 Fig. 1	350	300	250	260	52	238	173	26	6	18	M16	2 x M8	62	62	23.3
RV350/173/405						63										
RV350/173/417	图4 Fig. 4					80							4 x M10	130	100	41
RV350/173/439	图1 Fig. 1					50							2 x M10	60	60	14.5
RV350/173/441	图4 Fig. 4					80							4 x M8	100	72	34.5
RV350/173/442						105							4 x M10	145	102	48
RV350/173/444						50.8								137	98.4	45
RV350/173/446						36.5							4 x M8	96.2	71.5	32.7
RV350/173/447						50.8								128	98.4	42.9
RV350/173/459						36.5							4 x M6	96.2	71.5	32.7
RV350/173/499	图2 Fig. 2					50							2 x M10	60	60	14.5
RV350/205/403/ZFV*	图4 Fig. 4					125	–	205					4 x M10	206	136	103
RV350/205/419/ZFV*						60							4 x M12	154	127	48
RV350/205/423/ZFV*						85							4 x M10	164	124	50
RV350/205/426/ZFV*						80							4 x M12	150	150	43.2
RV350/205/427/ZFV*						63.5								188	143	64.3
RV350/205/442/ZFV*						105							4 x M10	145	102	48
RV350/205/443/ZFV*						60							4 x M12	148	127	
RV350/205/444/ZFV*						50.8							4 x M10	137	98.4	45
RV350/205/449/ZFV*						60.3								149.4	114.3	49.3

*不适用于要求无漏油的安装 * Don't use for leakage free assembly

电机法兰 – Ø 400 mm Motorflange – Ø 400 mm

尺寸 Dimensions [mm]

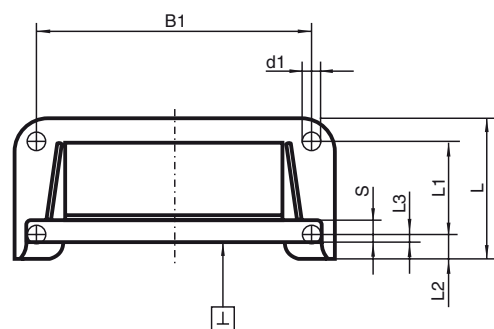
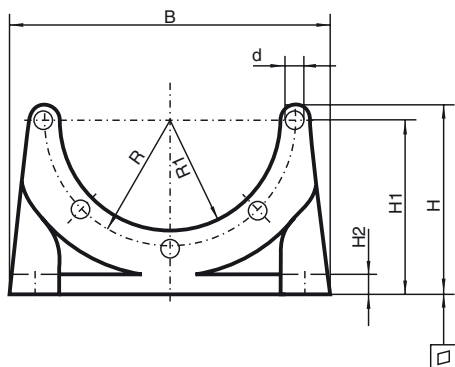
型号 Type	泵连接 Pump con.	D1	D2	D3	D4	d1	d2	L	L1	F	G	G1	G2	M	M1	M2
RV400/168/441	图4 Fig. 4	400	350	300	300	80	284	168	26	6	18	M16	4 x M8	100	72	34.5
RV400/168/447						50.8								128	98.4	42.9
RV400/168/481						100							4 x M10	132	88.4	44.2
RV400/196/441						80	281	196					4 x M8	100	72	34
RV400/196/442						105							4 x M10	145	102	48
RV400/196/443						60							4 x M12	148	127	
RV400/196/444						50.8							4 x M10	137	98.4	45
RV400/196/447													4 x M8	128		42.9
RV400/196/449						60.3							4 x M10	149.4	114.3	49.3
RV400/196/465						50.8								128	98.4	42.9

PTFL / PTFS 系列支架

按照 VDMA 24 561 标准，用于钟罩，IM B5 型电机

PTFL 轻型

PTFL Light version

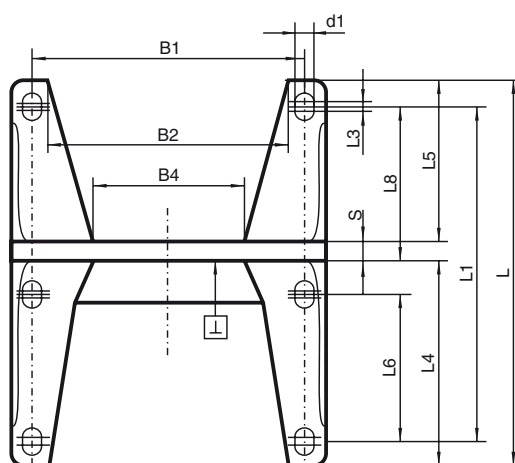
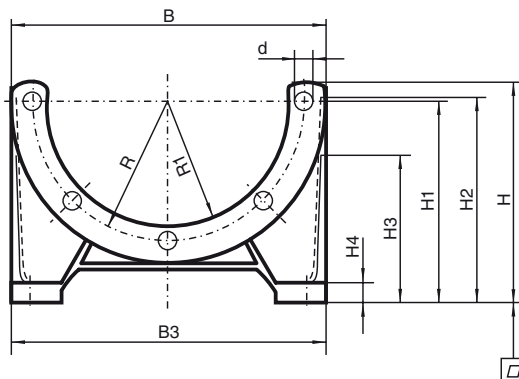


Footbracket Series PTFL / PTFS

acc. to VDMA 24 561 for bellhousings, motor type IM B5

PTFS 重型

PTFS Heavy duty version

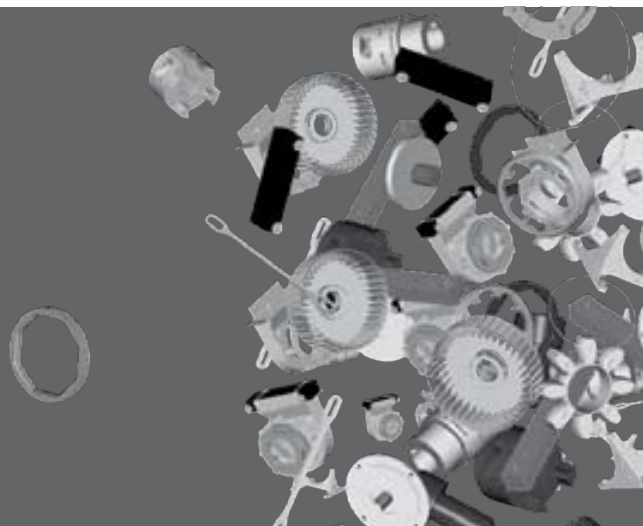


型号 Type	B	B1	B2	B3	B4	L	L1	L2	L3	L4	L5	L6	H	H1	H2	H3	H4	R	R1	S	d	d1	L	L8	[mm]	[mm]
PTFL 160	160	140	—	—	—	80	50	15	7	—	—	—	108	100	10	—	—	65	55	12	9	9	—	—	0.2	0.5
PTFL 200	210	180	—	—	—	90	60	15	4	—	—	—	122	112	12	—	—	82.5	72.5	14	11	11	—	—	0.2	0.5
PTFL 250	250	220	—	—	—	110	60	25	21	—	—	—	145	132	15	—	—	107.5	95	19	14	14	—	—	0.2	0.5
PTFL 300	290	260	—	—	—	120	80	24	20	—	—	—	172	160	20	—	—	132.5	117	18	14	14	—	—	0.2	0.75
PTFS 250	250	215	193	250	162	260	185	—	10	147.5	67.5	110	167	155	155	120	15	107.5	95.15	15	14	14	15	60	0.2	0.5
PTFS 300	300	265	243	300	207	270	225	—	10	172	80	130	197	185	185	145	18	132.5	117.25	18	14	14	20	75	0.2	0.75
PTFS 350	350	300	260	350	210	305	265	—	12	195	92	150	255	235	235	184	18	150	130	18	18	18	25	90	0.3	1.0
PTFS 400	400	350	320	400	260	350	300	—	12	225	105	—	277	260	232	220	20	175	151	20	18	18	—	100	0.3	1.0
PTFS 450	450	400	364	450	317	385	335	—	12	250	113	—	312	295	272	238	20	200	176	22	18	18	—	110	0.4	1.0
PTFS 550	550	500	454	550	401	465	415	—	12	300	140	—	365	350	335	285	25	250	226	25	18	18	—	140	0.4	1.0
PTFS 660	660	600	550	660	486	555	495	—	18	360	165	—	400	380	360	308	30	300	276	30	22	22	—	165	0.4	1.0

浪费时间 WASTED TIME

寻找单独的元件

Looking for individual components



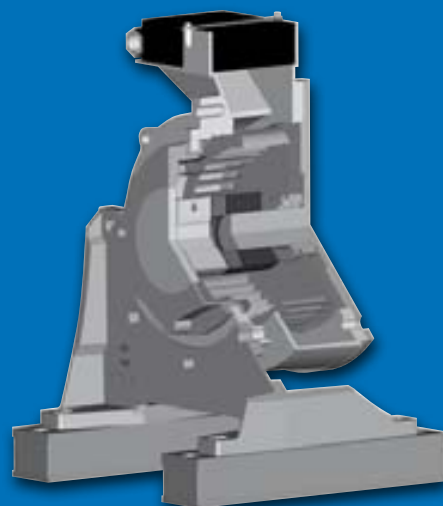
节约时间的礼物 THE GIFT OF TIME

在线3D装配软件

Configure 3D assembly groups online

FLUIDWARE®3D软件能使设计工程师每一天的工作变得非常容易并节省大量时间。该软件有别于普通的配置工具，因为它支持设计工程师，通过少数明显的选择步骤和执行仅有的可行选项，就能找到正确的元件。

FLUIDWARE®3D makes the design engineer's work much easier and thus saves valuable time – each and every day. FLUIDWARE®3D distinguishes itself from ordinary configuration tools because it supports the design engineer in the search for the correct components by requiring only a few sensible selection steps and performing only the feasible options.



www.fluidware3d.com

FLUIDWARE® 3D
ACCELERATING YOUR PROGRESS

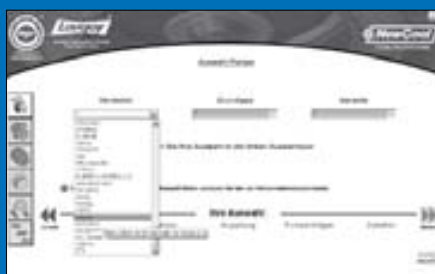
3D元件组三步骤

3D Component Groups in three steps



步骤1: 注册

Step 1: Registration



步骤2: 配置

Step 2: Configuration



步骤3: 下载文件

Step 3: File-download

R+L HYDRAULICS

R+L HYDRAULICS GmbH

Friedrichstraße 6 D-58791 Werdohl

Tel +49 23 92 509-0 Fax +49 23 92 509-509

info@rl-hydraulics.com rl-hydraulics.com

版本4/13