

## Pumpenträger für Zahnradpumpen *Bellhousings for Gear Pumps*

- Motorbundhöhe gemäß VDMA 24 561
- Kombinierbar mit Fußflanschen nach VDMA 24 561
- Motorflanschdurchmesser von 160–400 mm
- Height of motorflange acc. to VDMA 24 561
- Optional combination with footbrackets acc. to VDMA 24 561
- Motorflange-diameter from 160–400 mm

**Typenbezeichnung Model type**

<b>RV 250 /</b>	
Pumpenträger <i>Bellhousing</i>	
Flansch-Ø <i>Flange-Ø</i>	160 200 250 300 350 400

Pumpenträgerlänge <i>Length of bellhousing</i>
Siehe Tabellen <i>See tables</i>

**110 / 441 /**

**B14 / ZFV**

Motorbauform <i>Frame size</i>	
-	IM B 35
B 14	IM B 14

Pumpenanschluss  
*Pump connection*

XXXX	Interner Bearbeitungscode <i>Internal machining code</i>
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Interner Zusatzcode für Optionen <i>Optional internal code</i>	
ZF	Zwischenflansch Pumpenseite <i>Intermediate flange pump side</i>
MZF	Zwischenflansch Motorseite <i>Intermediate flange motor side</i>
ZR	Zentrierung <i>Centerring</i>
MB	Inspektionsöffnung <i>Inspection hole</i>
LB	Leckölbohrung <i>Leakage boring</i>
E	Einpressmutter <i>Press nut</i>

**Typenbezeichnung Model type**

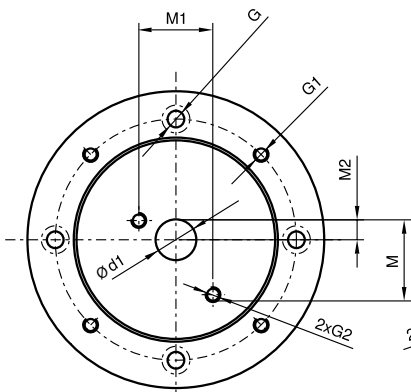


Fig. 1

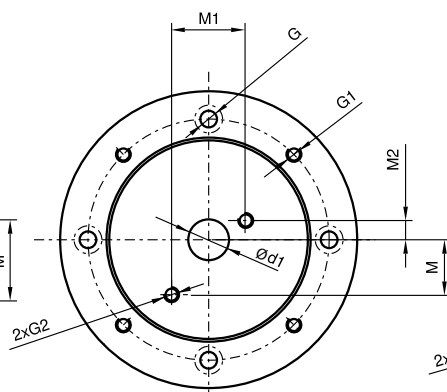


Fig. 2

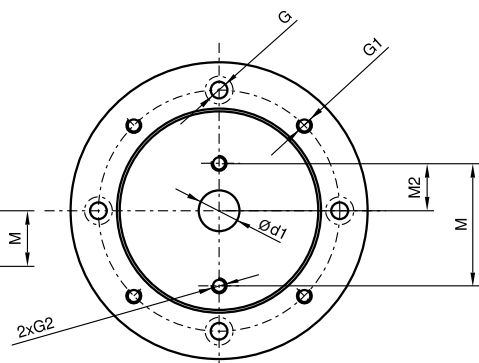


Fig. 3

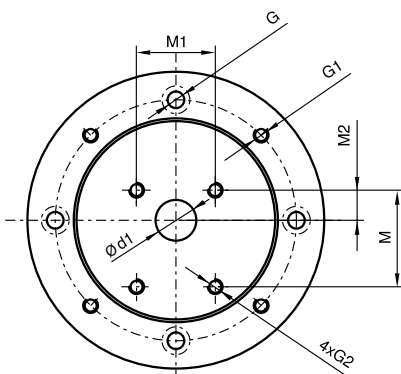
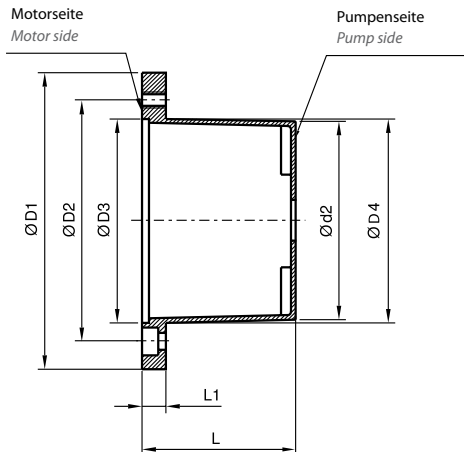


Fig. 4





**Motorflansch – Ø 300 mm Motorflange – Ø 300 mm**

 Abmessungen *Dimensions* [mm]

Typ Type	Bohrbild Pump con.	D1	D2	D3	D4	d1	d2	L	L1	F	G	G1	G2	M	M1	M2
RV300/130/405	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	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	Fig. 2					50							2 x M10	60	60	14.5
RV300/144/425	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

\* Nicht für öldichten Einbau geeignet \* Don't use for leakage free assembly

**Motorflansch – Ø 350 mm Motorflange – Ø 350 mm**

 Abmessungen *Dimensions* [mm]

Typ Type	Bohrbild Pump con.	D1	D2	D3	D4	d1	d2	L	L1	F	G	G1	G2	M	M1	M2
RV350/173/404	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	Fig. 4					80							4 x M10	130	100	41
RV350/173/439	Fig. 1					50							2 x M10	60	60	14.5
RV350/173/441	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	Fig. 2					50							2 x M10	60	60	14.5
RV350/205/403/ZFV*	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

\* Nicht für öldichten Einbau geeignet \* Don't use for leakage free assembly

**Motorflansch – Ø 400 mm Motorflange – Ø 400 mm**

 Abmessungen *Dimensions* [mm]

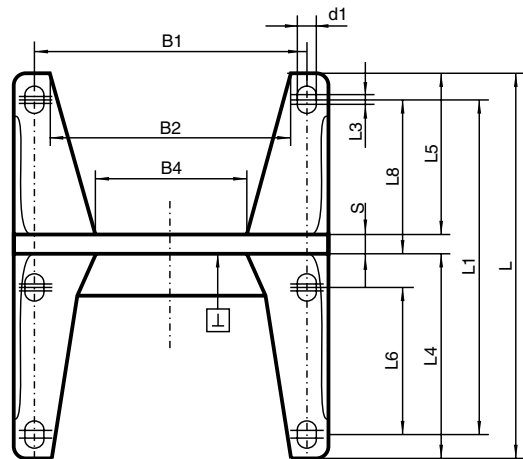
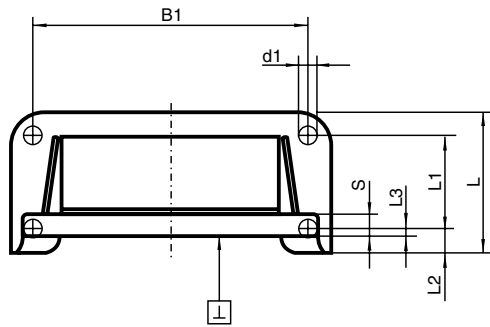
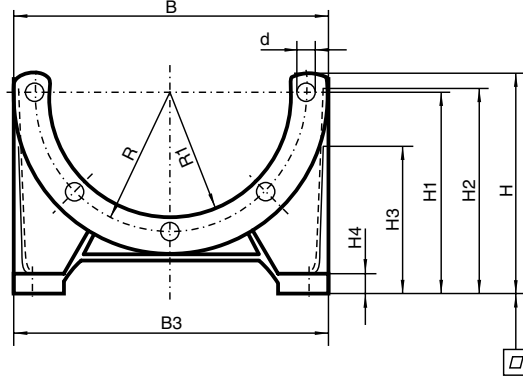
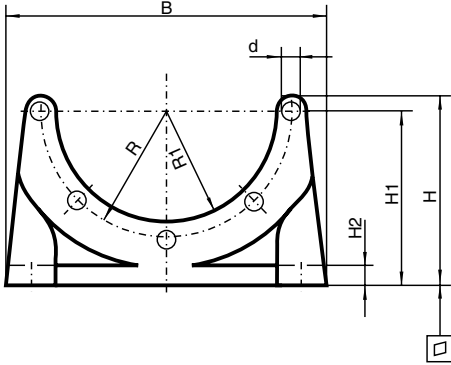
Typ Type	Bohrbild Pump con.	D1	D2	D3	D4	d1	d2	L	L1	F	G	G1	G2	M	M1	M2
RV400/168/441	Fig. 4	400	350	300	300	80	284	168	26	6	18	M16	4 x M8	100	72	34.5
RV400/168/447						50.8								128	98.4	42.9
RV400/168/481						100							4 x M10	132	88.4	44.2
RV400/196/441						80	281	196					4 x M8	100	72	34
RV400/196/442						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

**Pumpenträgerfüße Baureihe PTFL / PTFS**  
nach VDMA 24 561, für Motorbauform IM B5

**Footbracket Series PTFL / PTFS**  
acc. to VDMA 24 561 for bellhousings, motor type IM B5

**PTFL Leichte Baureihe**  
*PTFL Light version*

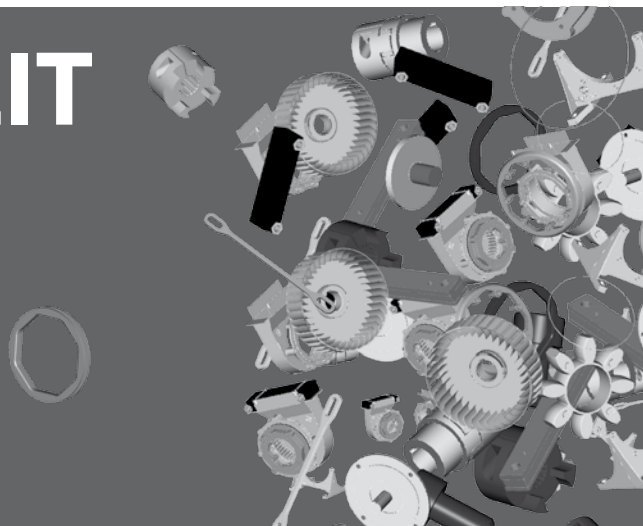
**PTFS Schwere Baureihe**  
*PTFS Heavy duty version*



Typ 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

# VERSCHENKTE ZEIT WASTED TIME

Einzelkomponenten suchen  
*Looking for individual components*

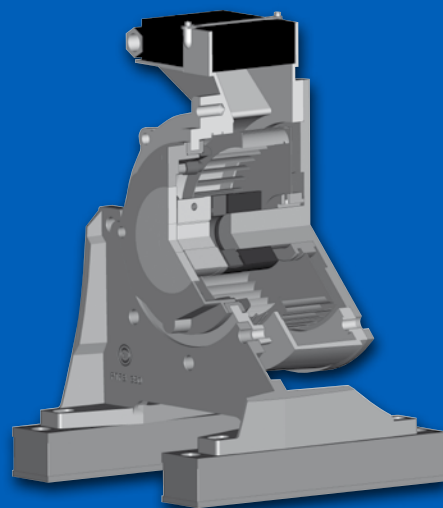


# GESCHENKTE ZEIT THE GIFT OF TIME

3D-Baugruppen online konfigurieren  
*Configure 3D assembly groups online*

FLUIDWARE®3D grenzt sich gegenüber üblichen Konfigurations-Tools dadurch ab, dass es in wenigen sinnvollen Auswahlsschritten den Konstrukteur bei der Suche nach den richtigen Komponenten unterstützt und nur solche Optionen zulässt, die realisierbar sind. FLUIDWARE®3D entlastet den Konstrukteur und hilft ihm täglich wertvolle Zeit einzusparen.

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ACCELERATING YOUR PROGRESS

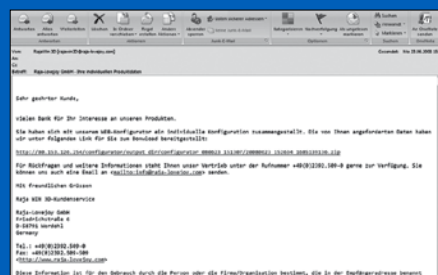
In 3 Schritten zur 3-D-Baugruppe  
*3D Component Groups in three steps*



**Schritt 1: Die Registrierung**  
*Step 1: Registration*



**Schritt 2: Die Konfiguration**  
*Step 2: Configuration*



**Schritt 3: Der Datei-Download**  
*Step 3: File-download*

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