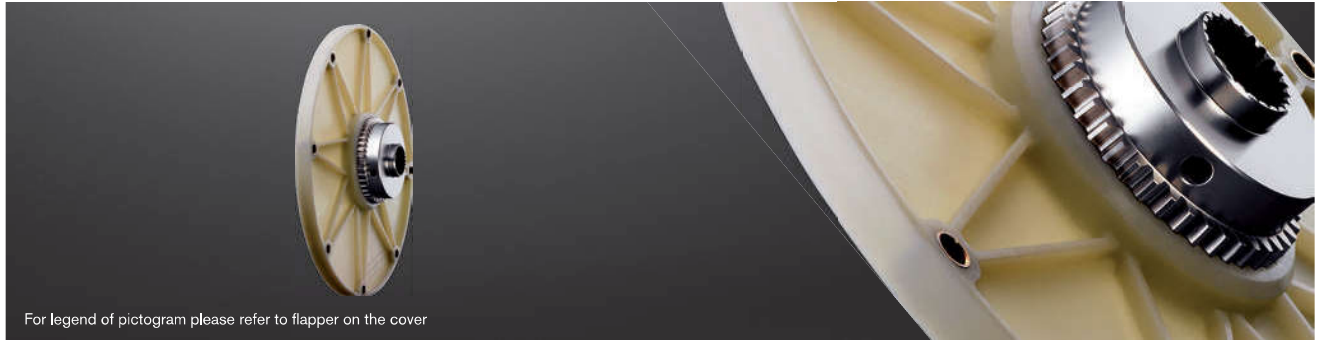


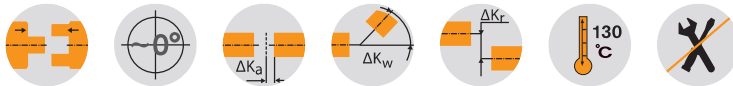
# BoWex® FLE-PA

## Torsionally rigid flange couplings

**Axial plug-in, maintenance-free, torsionally rigid**



For legend of pictogram please refer to flapper on the cover

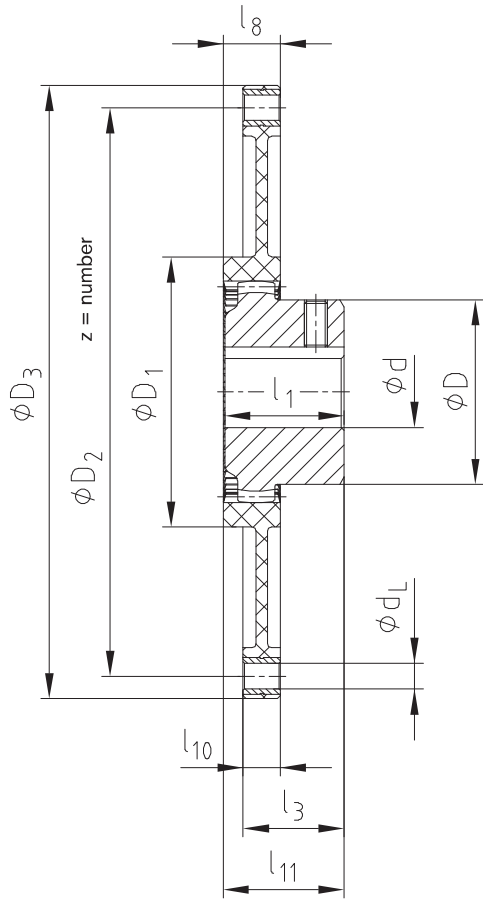


BoWex® FLE-PA – Dimensions/nominal dimension acc. to SAE																			
Size	Pilot bore	Finish bore d		Dimensions [mm]								Special length l <sub>1</sub> max.	Nominal size acc. to SAE (D <sub>3</sub> )						Max. axial displacement [mm]
		Min.	Max.	D	D <sub>1</sub>	l <sub>1</sub>	l <sub>3</sub>	l <sub>7</sub>	l <sub>8</sub>	l <sub>10</sub>	l <sub>11</sub>		6 1/2"	7 1/2"	8"	10"	11 1/2"	14"	
48	-	20	48	68	100	50	41	50	20	13	48	up to 60	●	●	●	●		± 2	
T 48	13	15	48	68	100	50	38	45	20	13	46	-	●	●	●	●		± 1	
T 55	17	20	55	85	115	50	37	48	24	13	48	-	●	●	●	●		± 2	
65 / T 65	21	30	65	96	132	55	45	54	27	21	51	up to 70			●	●	●	± 2	
T 70	26	30	70	100	153	60	48	56	30	21	57	-			●	●		± 2	
80 / T 80	31	35	90	124	170	90	78	87	30	21	87	-			●	●		± 2	
100 / T 100	38	40	100	152	265	110	78	108	35	21	110	-				●	●	± 2	
125 / T 125	45	50	125	192	250	140	113	140	50	28	97	-				●	●	± 2	

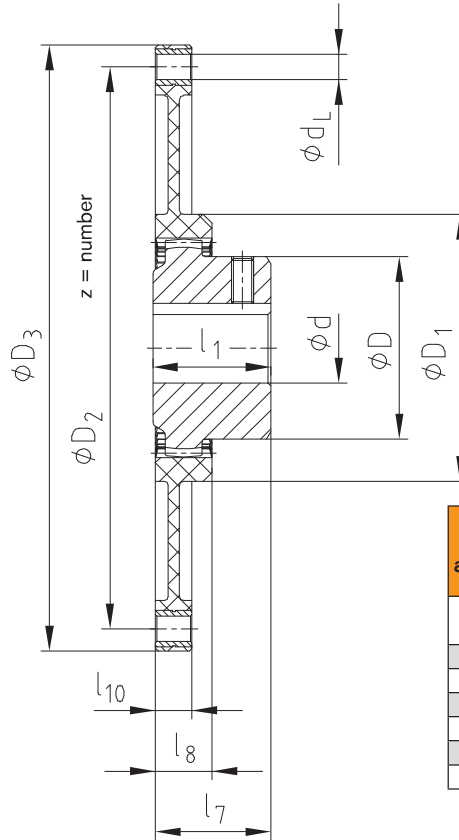
Special flange dimension see page 204 - 207 and on request

Technical data of BoWex® FLE-PA – Torques/weights/mass moments of inertia/torsion spring stiffness																
Size	Torque T <sub>K</sub> [Nm]			Weight/mass moment of inertia J	Hub with max. bore	FLE-PA flanges according to SAE						Dynamic torsion spring stiffness with +60 °C/ψ = 0.4 [Nm/rad]				
	T <sub>KN</sub>	T <sub>K max</sub>	T <sub>KW</sub>			6 1/2"	7 1/2"	8"	10"	11 1/2"	14"	0.30 T <sub>KN</sub>	0.50 T <sub>KN</sub>	0.75 T <sub>KN</sub>	1.00 T <sub>KN</sub>	
48	240	600	120	[kg]	0.79	0.32	0.43	0.51	0.64			35 x 10 <sup>3</sup>	75 x 10 <sup>3</sup>	105 x 10 <sup>3</sup>	125 x 10 <sup>3</sup>	
				[kgm <sup>2</sup> ]	0.0007	0.0021	0.0035	0.0049	0.0085	-	-					
T 48	300	750	150	[kg]	0.79	0.32	0.43	0.51	0.64			40 x 10 <sup>3</sup>	86 x 10 <sup>3</sup>	120 x 10 <sup>3</sup>	143 x 10 <sup>3</sup>	
				[kgm <sup>2</sup> ]	0.0007	0.0021	0.0035	0.0049	0.0085	-	-					
T 55	450	1125	225	[kg]	1.20	0.34	0.62	0.45	0.646			90 x 10 <sup>3</sup>	140 x 10 <sup>3</sup>	170 x 10 <sup>3</sup>	195 x 10 <sup>3</sup>	
				[kgm <sup>2</sup> ]	0.0016	0.0022	0.0053	0.0044	0.0086	-	-					
65	650	1600	325	[kg]	1.50			0.63	0.64	0.89			110 x 10 <sup>3</sup>	160 x 10 <sup>3</sup>	200 x 10 <sup>3</sup>	230 x 10 <sup>3</sup>
				[kgm <sup>2</sup> ]	0.0027			0.0064	0.0065	0.012						
T 65	800	2000	400	[kg]	1.60			0.63	0.64	0.89			130 x 10 <sup>3</sup>	190 x 10 <sup>3</sup>	240 x 10 <sup>3</sup>	280 x 10 <sup>3</sup>
				[kgm <sup>2</sup> ]	0.0035			0.0064	0.0065	0.012						
T 70	1000	2500	500	[kg]	2.60				0.941				165 x 10 <sup>3</sup>	315 x 10 <sup>3</sup>	345 x 10 <sup>3</sup>	368 x 10 <sup>3</sup>
				[kgm <sup>2</sup> ]	0.0059				0.0132							
80	1200	3000	600	[kg]	5.20				1.05	1.12			200 x 10 <sup>3</sup>	410 x 10 <sup>3</sup>	580 x 10 <sup>3</sup>	700 x 10 <sup>3</sup>
				[kgm <sup>2</sup> ]	0.0151				0.015	0.022						
T 80	1500	3750	750	[kg]	5.20				1.05	1.12			240 x 10 <sup>3</sup>	450 x 10 <sup>3</sup>	638 x 10 <sup>3</sup>	770 x 10 <sup>3</sup>
				[kgm <sup>2</sup> ]	0.0151				0.015	0.022						
100	2050	5150	1025	[kg]	9.37					1.16	8.45		500 x 10 <sup>3</sup>	700 x 10 <sup>3</sup>	856 x 10 <sup>3</sup>	950 x 10 <sup>3</sup>
				[kgm <sup>2</sup> ]	0.0401					0.021	0.234					
T 100	2500	6250	1250	[kg]	9.37					1.16	8.45		600 x 10 <sup>3</sup>	830 x 10 <sup>3</sup>	960 x 10 <sup>3</sup>	1070 x 10 <sup>3</sup>
				[kgm <sup>2</sup> ]	0.0401					0.021	0.234					
125	4250	10700	2125	[kg]	19.73					2.09	9.85		1280 x 10 <sup>3</sup>	1885 x 10 <sup>3</sup>	2280 x 10 <sup>3</sup>	2665 x 10 <sup>3</sup>
				[kgm <sup>2</sup> ]	0.1359					0.043	0.306					
T 125	5300	13250	2650	[kg]	19.73					2.09	9.85		1600 x 10 <sup>3</sup>	2250 x 10 <sup>3</sup>	2700 x 10 <sup>3</sup>	3200 x 10 <sup>3</sup>
				[kgm <sup>2</sup> ]	0.1359					0.043	0.306					

Mounting short version



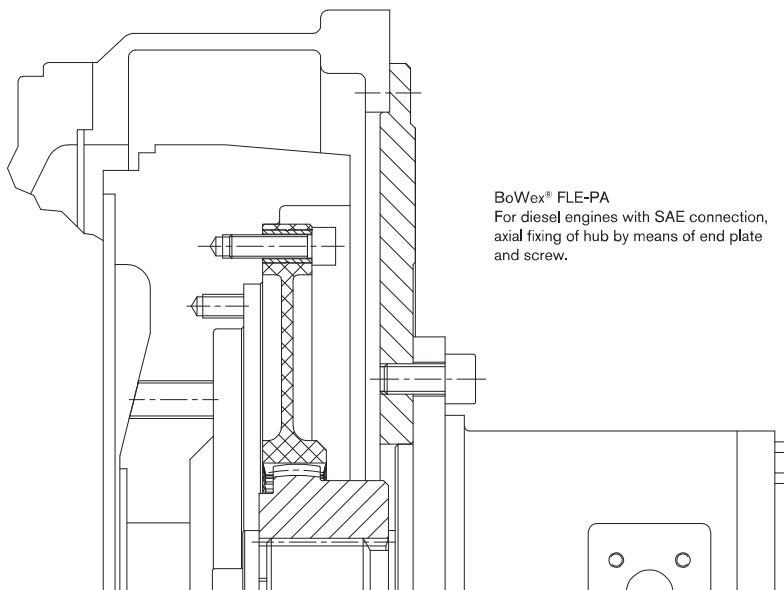
Mounting long version



Flange dimensions according to SAE J620 [mm]

Size	D <sub>3</sub>	D <sub>2</sub>	z	d <sub>L</sub>
6 1/2"	215.9	200.02	6	9
7 1/2"	241.3	222.25	8	9
8"	263.52	244.47	6	11
10"	314.32	295.27	8	11
11 1/2"	352.42	333.37	8	11
14"	466.72	438.15	8	13

Example of installation



# BoWex® FLE-PA / FLE-PAC

## Torsionally rigid flange couplings

### Selection according to SAE standard



#### Determination of coupling

Determination of coupling size

Table 1

Connection dimension of coupling

Table 2

Hub design/mounting length

Table 3

#### SAE pump mounting flange

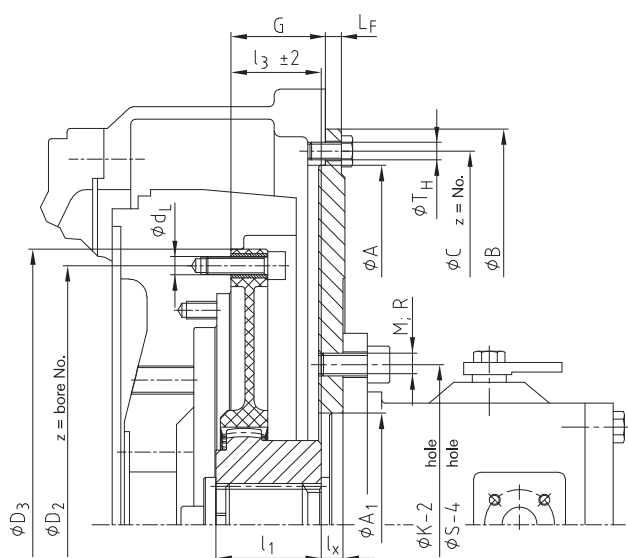
Flange size according to SAE 617

Table 4

Connection flange of hydraulic pump

Table 5

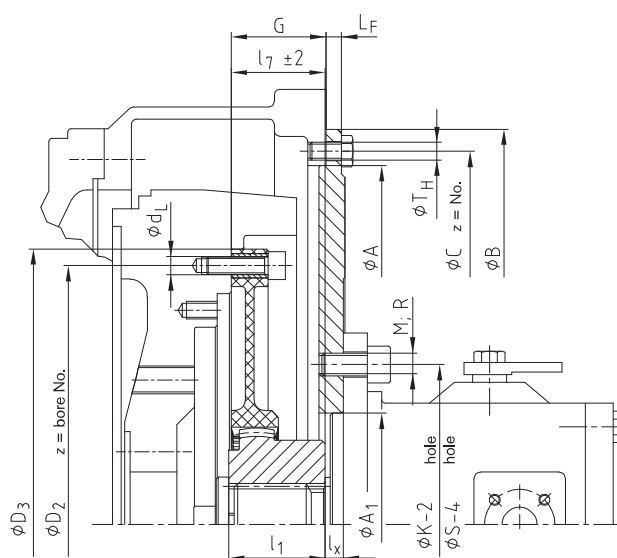
Short mounting version of coupling (l<sub>3</sub>)



Marking on PA flange



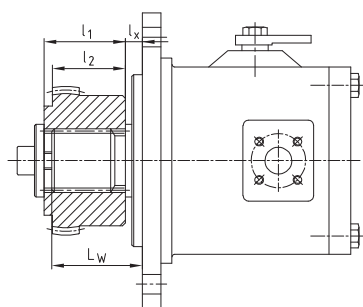
Long mounting version of coupling (l<sub>7</sub>)



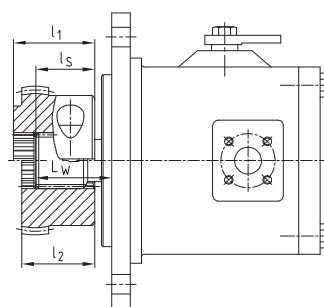
Marking on PA flange



Spline hub



Clamping hub



#### Determination of mounting length l<sub>3</sub> or l<sub>7</sub>

SAE shaft	$l_3 / l_7 = G + LF - LW + l_S$
DIN shaft	$l_3 / l_7 = G + LF - l_X$

If axial fixing of the hub by means of an end plate and a screw is not possible for a pump shaft with involute spline, we would recommend to use a clamping hub.

#### Mounting instructions:

The flange can be fastened to the engine flywheel by means of socket head cap screws according to DIN EN ISO 4762 quality 8.8 or by hexagon head screws quality 8.8. We recommend screws are loctited in position.

#### Screw tightening torque of FLE-PA flange on the flywheel

M8	25 Nm
M10	49 Nm
M12	86 Nm

#### Screw tightening torque of spline clamping hubs DIN EN ISO 4762

42/48	M10	49 Nm
T55/65/T70	M12	86 Nm
80/100/125	M16	210 Nm

# BoWex® FLE-PA / FLE-PAC

## Torsionally rigid flange couplings

### Mounting dimensions according to SAE standard

1. Selection of coupling for diesel engine									
⊗	Diesel engine power		Coupling size	Flywheel to SAE			Pump mounting flange		Driving shaft of pump
	kW	HP		G			LF		
up to 30 kW	up to 40 PS	48 FLE-PA	6 1/2"	30.15	1.19"	For dimensions to SAE see tables 3 and 4	9.5	0.375"	See Table 3 hub design SAE J 498 / DIN 5480
			7 1/2"	30.15	1.19"				
			8"	62	2.44"				
up to 90 kW	up to 120 PS	65 FLE-PA	8"	54	2.12"	For dimensions to SAE see tables 3 and 4	9.5	0.375"	See Table 3 hub design SAE J 498 / DIN 5480
			10"	54	2.12"				
			11 1/2"	39.6	1.56"				
up to 180 kW	up to 240 PS	80 FLE-PA	11 1/2"	39.6	1.56"	For dimensions to SAE see tables 3 and 4	12.7	0.5"	See Table 3 hub design SAE J 498 / DIN 5480

2. Dimensions of coupling flange according to SAE J620 [mm]					
⊗	Nominal size	D <sub>3</sub>	D <sub>2</sub>	z = number	d <sub>L</sub>
	6 1/2"	215.90	200.02	6	9
	7 1/2"	241.30	222.25	8	9
	8"	263.52	244.47	6	11
	10"	314.32	295.27	8	11
	11 1/2"	352.42	333.37	8	11
	14"	466.72	438.15	8	14

4. Housing dimensions according to SAE 617 [mm]							
⊗	SAE size	A	B	C	Z	TH	
	SAE-1	511.18	552	530.2	12	M10	3/8"
	SAE-2	447.68	489	466.7	12	M10	3/8"
	SAE-3	409.58	451	428.6	12	M10	3/8"
	SAE-4	361.95	403	381.0	12	M10	3/8"
	SAE-5	314.33	356	333.4	8	M10	3/8"

5. Mounting flange for hydraulic pump acc. to SAE [mm]											
⊗	SAE size	SAE flange with 2 holes				SAE flange with 4 holes					
		A <sub>1</sub>	K-2	M	Z	A <sub>1</sub>	S-4	R	Z		
	A	82.55	106.4	M10	3/8"	2	82.55	104.6	M10	3/8"	4
	B	101.6	146.0	M12	1/2"	2	101.6	127.0	M12	1/2"	4
	C	127.0	181.0	M16	5/8"	2	127.0	162.0	M12	1/2"	4
	D	152.4	228.6	M16	5/8"	2	152.4	228.6	M16	5/8"	4
	E	-	-	-	-	-	165.1	317.5	M20	3/4"	4

3. Selection of coupling hubs - Determination of mounting length l <sub>3</sub> or l <sub>7</sub>															
BoWex® coupling size	Pump shaft to SAE J 498 and DIN 5480	Splines hub	Splines clamping hub	Mounting length of coupling l <sub>3</sub> or l <sub>7</sub>										Code to order coupling hub Specify coupling size	
				Dimensions of coupling hub [mm]			Flange size 6 1/2" and 7 1/2"		Flange size 8"		Flange size 10"		Flange size 11 1/2"		
				l <sub>1</sub>	l <sub>2</sub>	l <sub>S</sub>	K	L	K	L	K	L	K		L
42	SAE-16/32 DP	x		42	-	33	33	42							P559101
	PI-S 3/4"														
	z = 11														
42	SAE-16/32 DP	x		42	-	-	33	42							P567101
	PB-S 7/8"														
	z = 13														
42	SAE-16/32 DP	x		42	-	27	33	42							P660201
	PB-BS 1"														
	z = 15														
48	SAE-16/32 DP	x		50	-	45	41	50	50	41	50				P663301
65	PA-S 1 3/8"	x		50	-	48			54	45	54	41			P663301
	z = 21														
65	SAE-12/24 DP	x		55	-	44			54	45	54	41			P656201
	PC-S 1 1/4"														
	z = 14														
65	SAE-16/32 DP	x		-	49	45					53	41			P664301
	PD-S 1 1/2"														
	z = 23														
80	SAE-16/32 DP	x		55	-	-						33	44		P565402
	PE-S 1 3/4"														
	z = 27														
42	25 x 1.25 x 18 DIN 5480	x		42	-	-	33	42							P000205
42		x		42	-	-	33	42							P500202
42	30 x 2 x 14 DIN 5480	x		42	-	-	33	42							P500203
48		x		50	-	-	41	50							P000206
48	35 x 2 x 16 DIN 5480	x		50	-	-	41	50	50		50				P500203
48		x		46	-	-	37	46							P000303
65	40 x 2 x 18 DIN 5480	x		55	-	-					54	39			P000303
65		x		60	-	-			50	59	50	59	39		P500301
65	45 x 2 x 21 DIN 5480	x		55	-	-					54	39			P000304
65		x		55	-	-			54	45	54	39			P500302
65	50 x 2 x 24 DIN 5480	x		-	64	-			60	69	60	69	39		P000403
65		x		55	-	-			54	45	54	39			P500401
80	50 x 2 x 24 DIN 5480	x		55	-	-						37	42		P500405
		x													

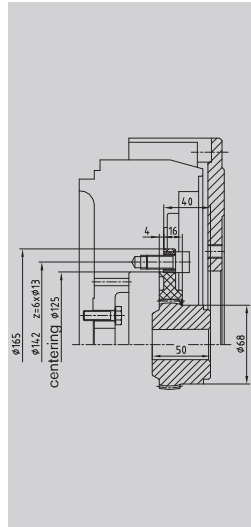
Ordering example: Coupling FLE-PA/FLE-PAC			SAE pump mounting flange	
BoWex® 48 FLE-PA	7 1/2"	P663301	SAE-4	B-2L
Coupling size	SAE connection of coupling	Code of coupling hub	Pump mounting flange for engine housing	Pump flange to SAE 2 holes/4 holes standard metric fastening thread
Table 1	Table 2	Table 3	Table 4	Table 5

# BoWex® FLE-PA

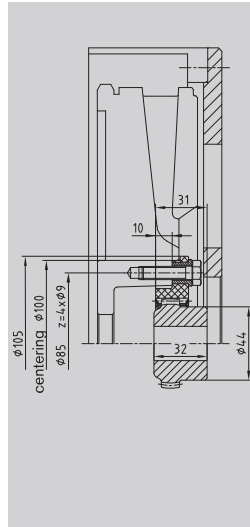
## Torsionally rigid flange couplings

### Special flange programme, deviations from the SAE standard

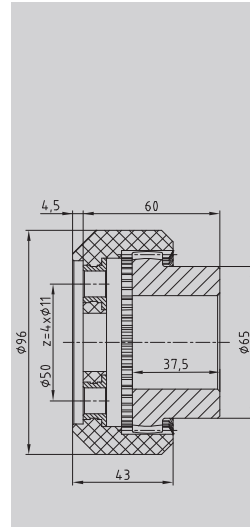
Fitting to  
diesel engines:  
Hatz



BoWex® 48 FLE-PA, Ø165  
Hatz  
2L/3L/4L41C 2M/3M/4M41  
4M42,4L42C



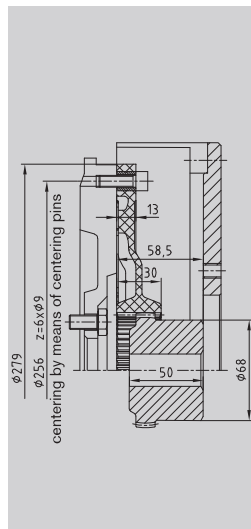
BoWex® 28 FLE-PA, Ø105  
Hatz  
1D81 / 1D90



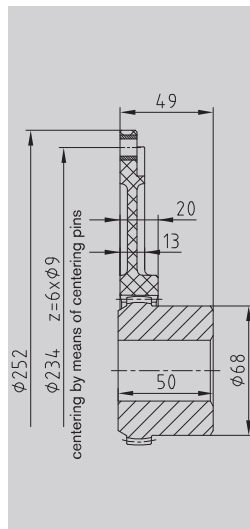
BoWex® 48 FLE-PA, Ø96  
Hatz  
Z788 / Z789 / Z790

Coupling size  
Engine type

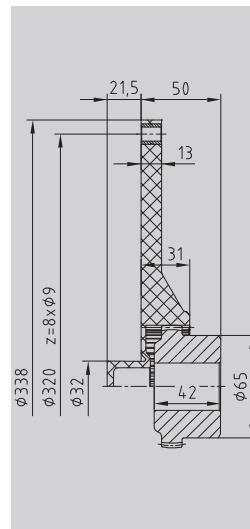
Fitting to  
diesel engines:  
VW  
Mitsubishi



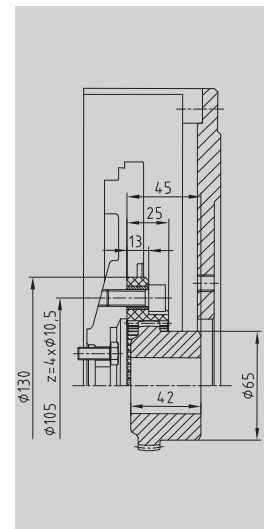
BoWex® 48 FLE-PA, Ø279  
VW  
028.B / M344



BoWex® 48 FLE-PA, Ø252  
VW  
062.2 / 068.5 / 6 / A / D



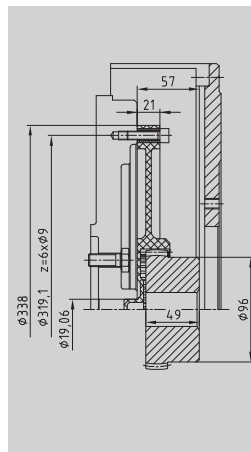
BoWex® 48 FLE-PA  
Mitsubishi  
Ø338-32



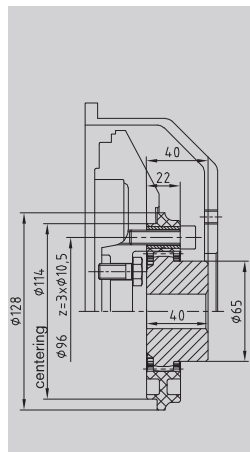
BoWex® 48 FLE-PA, Ø130  
Mitsubishi  
Series L / Series K

Coupling size  
Engine type

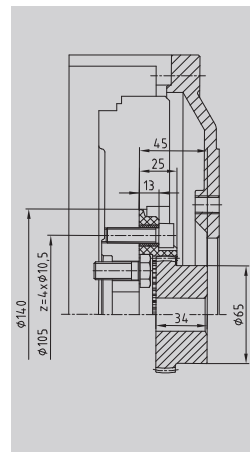
Fitting to  
diesel engines:  
Perkins  
Lombardini



BoWex® 65 FLE-PA, Ø338  
Perkins 1104C-44T  
Flywheel No. D0014



BoWex® 48 FLE-PA, Ø128  
Lombardini  
FOCS series



BoWex® 48 FLE-PA, Ø140  
Lombardini  
LDW

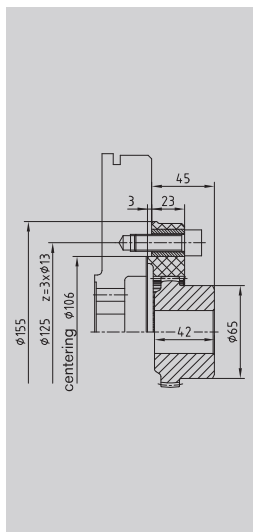
Coupling size  
Engine type

# BoWex® FLE-PA

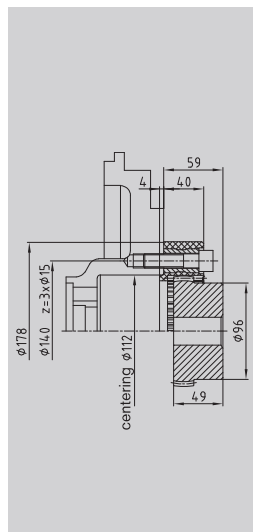
## Torsionally rigid flange couplings

### Special flange programme, deviations from the SAE standard

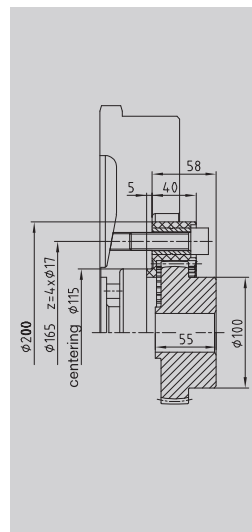
Fitting to diesel engines:  
Perkins  
Isuzu  
Cummins



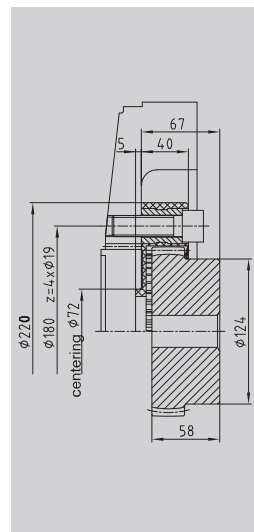
BoWex® 48 FLE-PA,  
Ø155  
3 holes, Ø125



BoWex® 65 FLE-PA,  
Ø178  
3 holes, Ø140



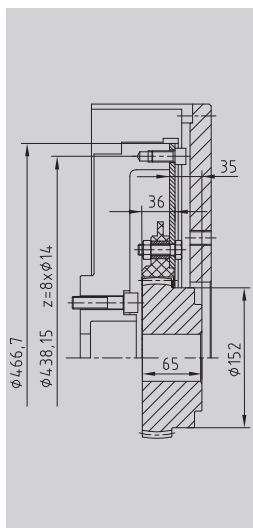
BoWex® 70 FLE-PA,  
Ø200  
4 holes, Ø165



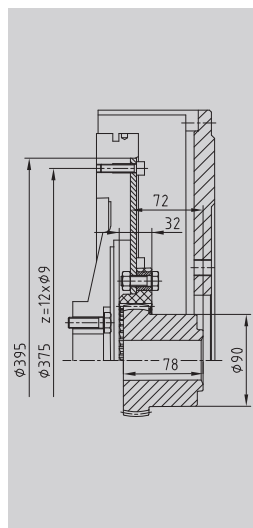
BoWex® 80 FLE-PA,  
Ø220  
4 holes, Ø180

Coupling size  
Engine type

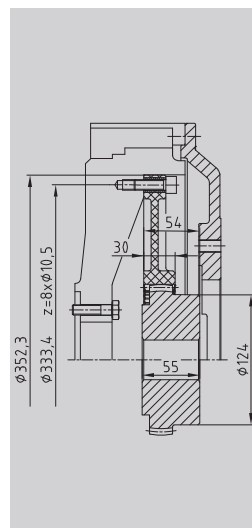
Fitting to diesel engines:  
Caterpillar  
Daimler  
Cummins  
John-Deere



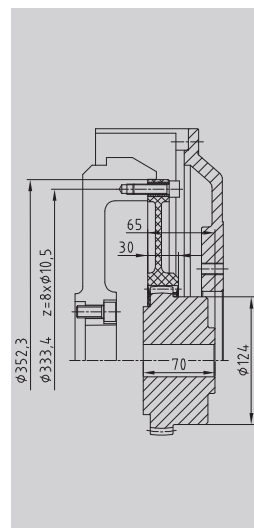
BoWex® T100 FLE-PA, 14"  
Caterpillar  
C 10 / C 12



BoWex® T65 FLE-PA, Ø395  
Daimler  
OM904



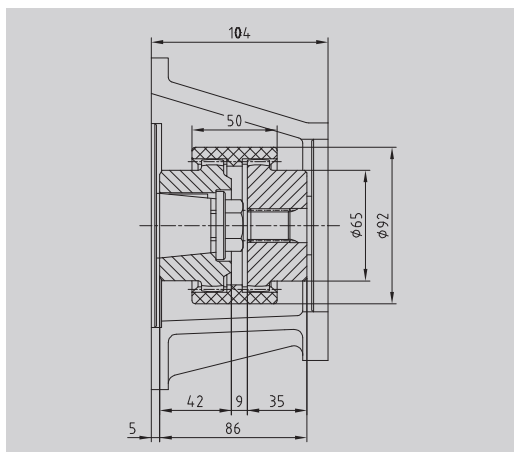
BoWex® 80 FLE-PA, 11 1/2"  
Cummins  
QSX/QSB



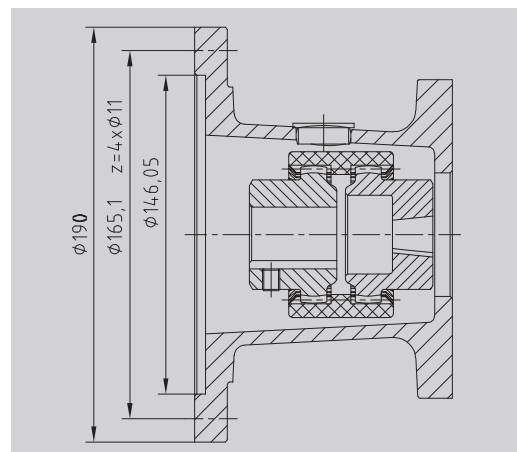
BoWex® 80 FLE-PA 11 1/2"  
John Deere

Coupling size  
Engine type

Fitting to shaft motors:  
Hatz  
Honda  
Briggs-Stratton  
Yanmar  
Kohler  
Robin



BoWex® M42  
Hatz 2G30



BoWex® shaft coupling type M28 and M32  
Housing connection according to SAE J609A

Coupling size  
Engine type

BoWex® FLE-PA/-PAC

MONOLASTIC®  
Flange couplings

BoWex-ELASTIC®

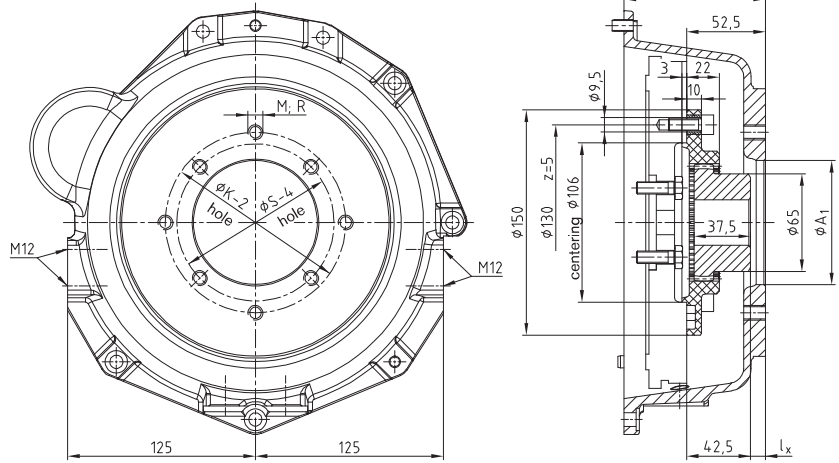
# BoWex® FLE-PA

## Torsionally rigid flange couplings

### Flange couplings and pump connection housings for KUBOTA engines

KUBOTA  
Super MINI series

Z-400  
Z-442-B  
Z-482-B  
D-600  
D-662-B  
D-902-B  
V-800

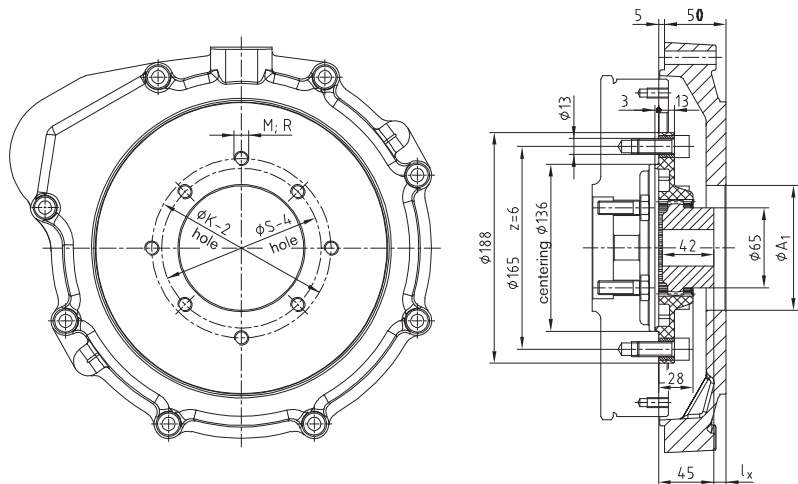


BoWex® 48 FLE-PA Ø 150 / pump connection housings

KUBOTA  
Super 3 series

D 1403/1703  
Flywheel  
No. 190027991  
  
V 1903/2203  
Flywheel  
No. 190002369

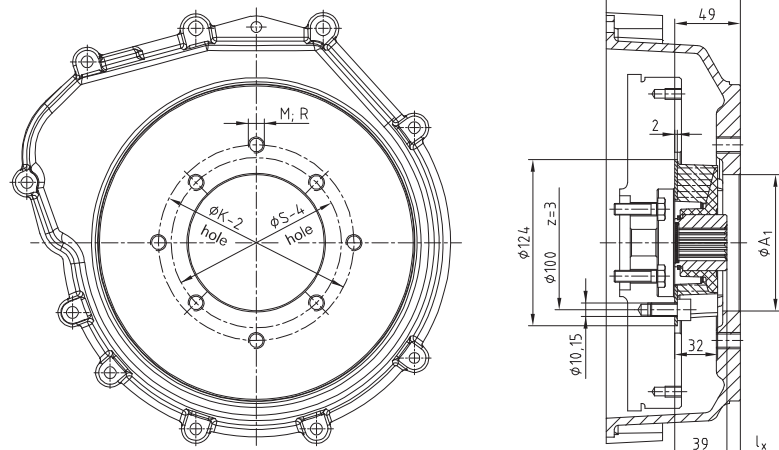
V 2003-T



BoWex® 48 FLE-PA Ø 188 / pump connection housings

KUBOTA  
Super 5 series

D 905  
D 1005  
D 1105  
D 1105-T  
V 1205  
V 1305  
V 1505

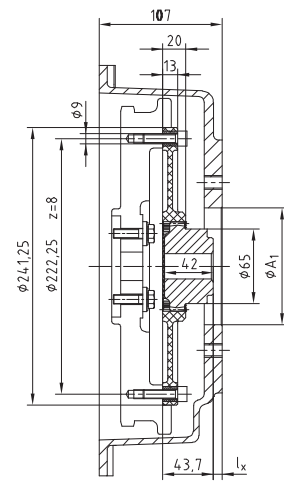
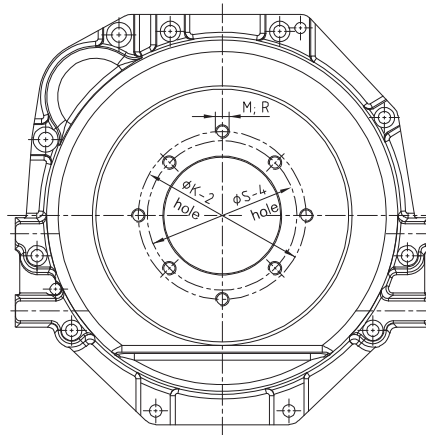
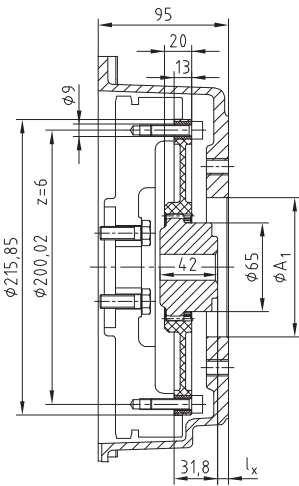


MONOLASTIC® 28 Ø 124 / pump connection housings

# BoWex® FLE-PA Torsionally rigid flange couplings

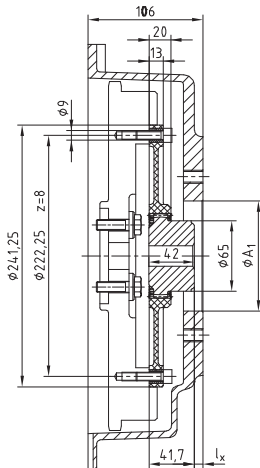
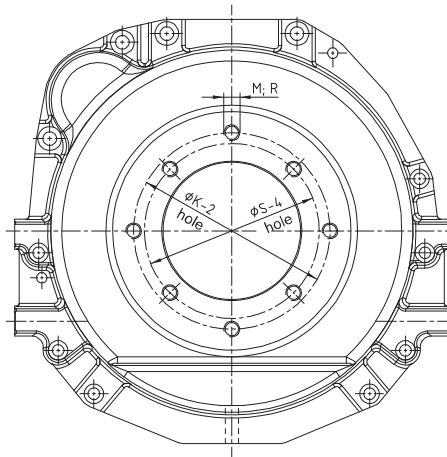
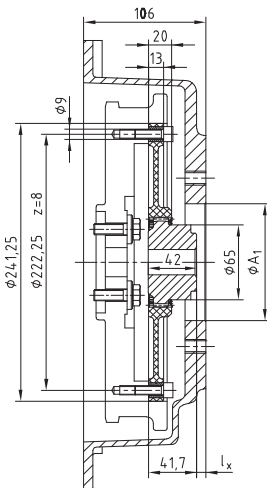
## Flange couplings and pump connection housings for Perkins engines

BoWex® FLE-PA/-PAC



Perkins 403D - 10/11

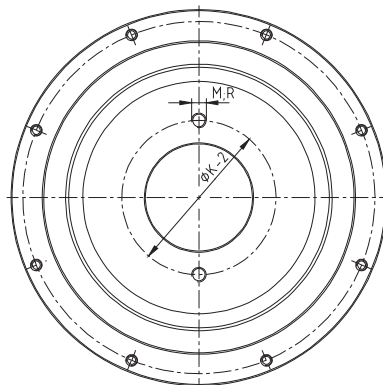
Perkins 403D - 13/15



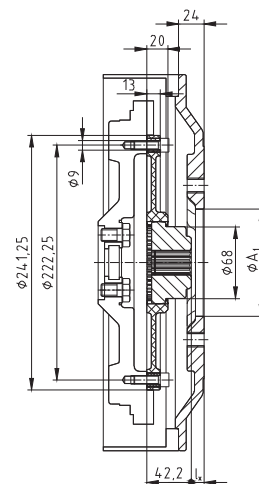
Perkins 404D - 20

Perkins 404D - 22

Other selections on request for Yanmar Mitsubishi etc.



Mitsubishi SL series



Yanmar TNV series

MONOLASTIC®

Flange couplings

BoWex-ELASTIC®

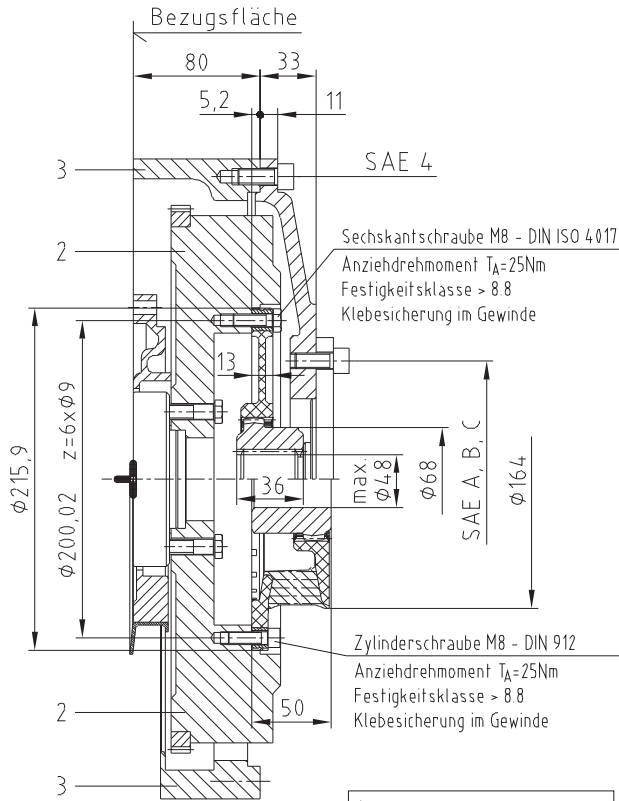


# BoWex® FLE-PA Torsionally rigid flange couplings

Selection of DEUTZ engines FL/M 1011 and FL/M 2011, TCD/TD/D 2.9 L4, TDC/T 3.6 L

Anbaukombination A

Antrieb: Hydraulikpumpen  
BoWex® 48 FLE-PA 6 1/2"  
SAE-4.0/33 Pumpenanbauflansch

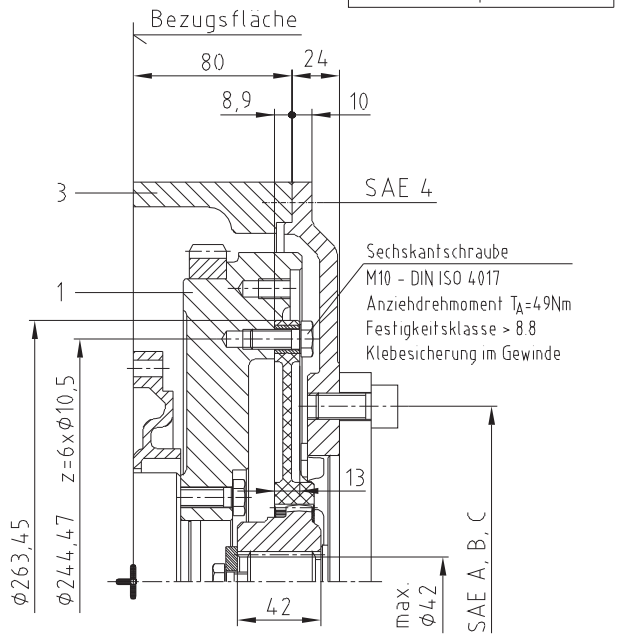


Antrieb: Kompressoren,  
Wasserpumpen usw.  
BoWex-Elastic® HE 6 1/2"

Anbaukombination B

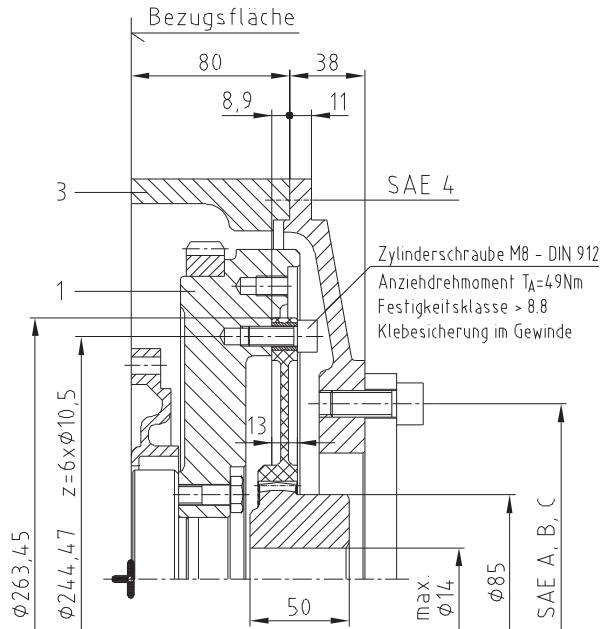
Anbaukombination C

Antrieb: Hydraulikpumpen  
BoWex® 48 FLE-PA 8"  
SAE-4.3/24 Pumpenanbauflansch



Anbaukombination D

Antrieb: Hydraulikpumpen  
BoWex® T55 FLE-PA 8"  
SAE-4.0/38 Pumpenanbauflansch



ACHTUNG: Entsprechend der Motorleistung ist die Kupplungsanordnung durch den Anwender zu prüfen. Nach erfolgtem Kupplungsanbau Kurbelwellenlängsspiel prüfen. Sollmaß für Lagerluft  $\phi,1 \dots \phi,3 \text{ mm}$ . DEUTZ übernimmt keine Haftung für außerhalb des DEUTZ Lieferumfanges liegende Maßgaben und/oder Teile.

Bei techn. Rückfragen hinsichtlich der Kupplungsausführung wenden Sie sich bitte an:  
KTR-Kupplungstechnik GmbH  
Postfach 1763 D-48407 Rheine  
Telefon +49 - 05971 / 798-0

1	1	1	3	Zwischengehäuse (SAE-4)	04.27 0980 KZ 0138-52 04.17 104.0 UA 0138-52	15	0553
-	-	1	2	Schwungrad (SAE 6 1/2") J= 0,499 kgm <sup>2</sup>	04.28 0586 KZ 0138-05 04.17 1301 UA 0138-05	30,3	3174
1	1	-	1	Schwungrad (SAE 8 u 10") J= 0,405 kgm <sup>2</sup>	04.27 2426 KZ 0138-05 04.17 1301 UA 0138-05	25,3	2461
D	C	B	A	Pos.	Benennung	Nummer	G[kg] Baus.-Nr.

Anbaukombination

DIMENSIONS ARE IN MILLIMETERS		UNLESS OTHERWISE SPECIFIED		SURFACE FINISH		MATERIAL		PROTECTION	
CORNERS PER DIN 474		GEOMETRIC TOLERANCES PER ISO 1101		TEXTURE PER ISO 1312		PER ISO 1312		METHOD	
Werkstoffangaben nach DIN 474		Form- und Lagertoleranzen nach DIN 7181		Oberflächenbeschaffenheit nach ISO 1312		Nichtabstreifen		ISO 1312	
Bezeichnung	FL/M1011 FL/M2011	Form- und Lagertoleranzen	Angaben nach DIN 7181	ISO 1312	ISO 1312	ISO 1312	ISO 1312	ISO 1312	ISO 1312
Datum	17.12.83	Angaben nach	Angaben nach	Angaben nach	Angaben nach	Angaben nach	Angaben nach	Angaben nach	Angaben nach
Beauf.	17.12.83	Angaben nach	Angaben nach	Angaben nach	Angaben nach	Angaben nach	Angaben nach	Angaben nach	Angaben nach
Gepr.	12.12.83	Angaben nach	Angaben nach	Angaben nach	Angaben nach	Angaben nach	Angaben nach	Angaben nach	Angaben nach
Nachr.		Angaben nach	Angaben nach	Angaben nach	Angaben nach	Angaben nach	Angaben nach	Angaben nach	Angaben nach
DE DPT:		Angaben nach	Angaben nach	Angaben nach	Angaben nach	Angaben nach	Angaben nach	Angaben nach	Angaben nach
DEUTZ AG		Kupplungsanbau		BoWex® FLE-PA / ELASTIC HE		0428 0967 UB		0138-97	
TECHNISCHE ZEICHNUNG		TECHNISCHE ZEICHNUNG		TECHNISCHE ZEICHNUNG		TECHNISCHE ZEICHNUNG		TECHNISCHE ZEICHNUNG	
REV. 1		REV. 1		REV. 1		REV. 1		REV. 1	

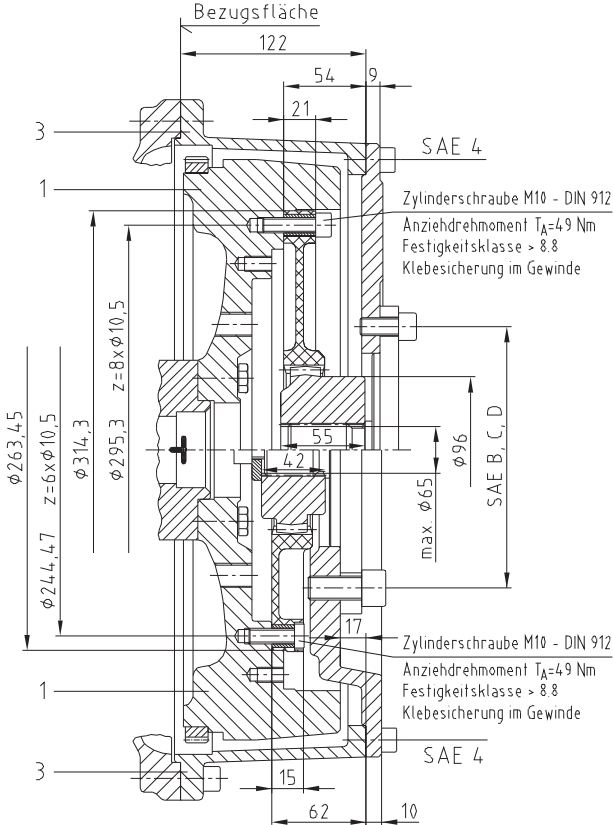
# BoWex® FLE-PA Torsionally rigid flange couplings

## Selection of DEUTZ engines BFM 1012/1013/2012/2013/1015

### Anbaukombination A

Deutz-Motor  
BF4/6M 1012/2012, BF4/6 1013/2013,  
TCD/TD 2012 L04/06 2V/4V, TCD/TD 2013 L04 2V, TCD 4.1 L4

BoWex® 65 FLE-PA 10"  
SAE-4/9 Pumpenanbauflansch



### Anbaukombination B

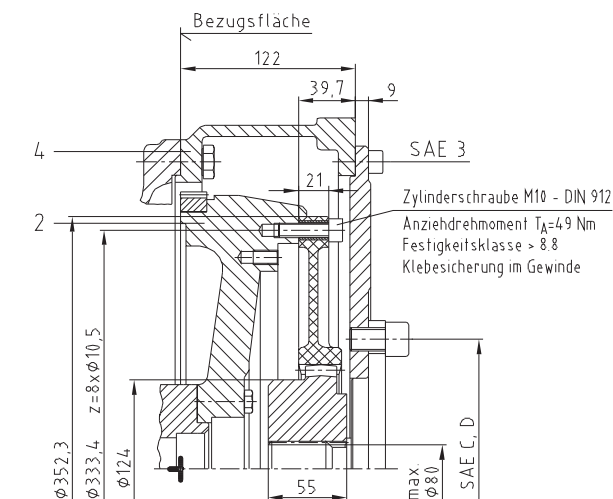
Deutz-Motor  
BF4/6M 1012/2012, BF4/6 1013/2013,  
TCD/TD 2012 L04/06 2V/4V, TCD/TD 2013 L04 2V, TCD 4.1 L4

BoWex® 65 FLE-PA 8"  
SAE-4 2/-17 Pumpenanbauflansch

### Anbaukombination C

Deutz-Motor  
BF4/6M 1012/2012, BF4/6 1013/2013,  
TCD/TD 2012 L04/06 2V/4V, TCD/TD 2013 L04/06 2V, TCD 4.1 L4, TCD 6.1 L6

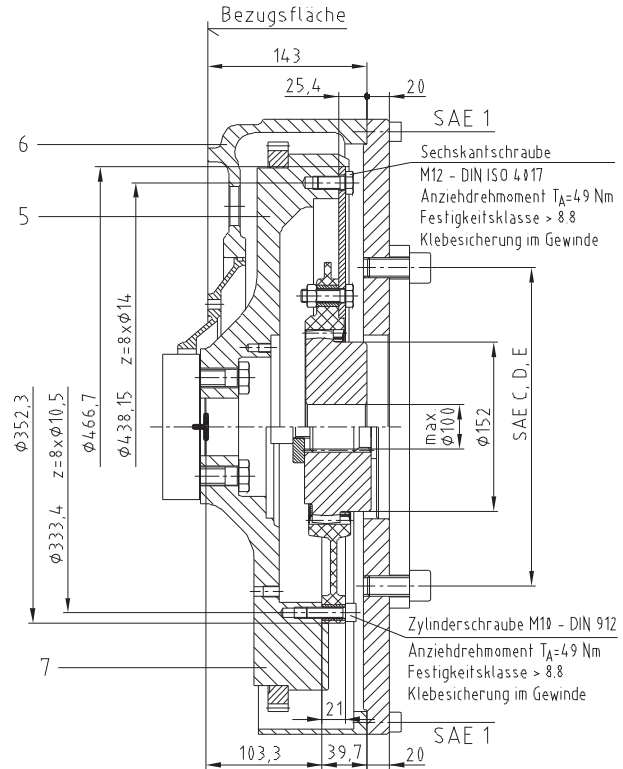
BoWex® 80 FLE-PA 11 1/2"  
SAE-3/9 Pumpenanbauflansch



### Anbaukombination D

Deutz-Motor  
BF6/8M 1015/2015,  
TCD 2015 V06, TCD 12.0 V6

BoWex® 100 FLE-PA 14"  
SAE-1/20 Pumpenanbauflansch



### Anbaukombination E

Deutz-Motor  
BF6/8M 1015/2015,  
TCD 2015 V06, TCD 12.0 V6

BoWex® 100 FLE-PA 11 1/2"  
SAE-1/20 Pumpenanbauflansch

ACHTUNG: Entsprechend der Motorleistung ist die Kupplungsanordnung durch den Anwender zu prüfen. Nach erfolgtem Kupplungsanbau Kurbelwellenlängsspiel prüfen. Sollmaß für Lagerluft: Motor 1012/1013/2012/2013 = 0,1 - 0,28 mm, Motor 1015 = 0,2 - 0,4 mm  
DEUTZ übernimmt keine Haftung für außerhalb des DEUTZ Lieferumfanges liegende Maßgaben und/oder Teile.

Bei techn. Rückfragen hinsichtlich der Kupplungsausführung wenden Sie sich bitte an:  
KTR-Kupplungstechnik GmbH, Postfach 1763, D-48407 Rheine, Tel.: 05971/798-0

1	-	-	-	7	Schwungrad (SAE-11 1/2") J= 2,255 kgm <sup>2</sup>	66,7
1	1	-	-	6	Anschlußgehäuse (SAE-1)	45,6
-	1	-	-	5	Schwungrad (SAE-14") J= 2,264 kgm <sup>2</sup>	61,6
-	-	1	-	4	Anschlußgehäuse (SAE-3)	
-	-	-	1	3	Anschlußgehäuse (SAE-4)	
-	-	1	-	2	Schwungrad (SAE-10 u 11 1/2") J= 0,872 kgm <sup>2</sup>	
-	-	-	1	1	Schwungrad (SAE-8 u 10") J= 1,03 kgm <sup>2</sup>	

E	D	C	B	A	Pos.	Benennung	Nummer	G <sup>kg</sup>	Baus.-Nr.
Anbaukombination									

DEUTZ 1012 / 1013  
siehe 0420 8900 UB 0130-97