# DEUTZ-FAHR ITALY S.p.A. Made at Ranipet-India MOTORE Tipo MATRICOLA N. DEUTZ-FAHR ITALA S.p.A MOTORE Tipo MATRICOLA N. DEUTZ-FAHR ITALA S.p.A TREVIGLIO ITALY DEUTZ-FAHR ITALA S.p.A TREVIGLIO ITALY

#### DORADO<sup>3</sup> 60 -> 5001

Section: B0 - ENGINE Ref: B0.00.0 (1)

# ENGINE TYPE-APPROVAL DATA PLATE

Fig.	P/n	QTY	Name	
Notes: [DORADO <sup>3</sup>	60 -> ZKDR2602W0TS0	05001]		
1	0.000.0000.1		cannot be supplied	
2	0.000.0000.1		MADE BY TREVIGLIO ITALY cannot be supplied MADE AT RANIPET - INDIA	

Section: B0 - ENGINE

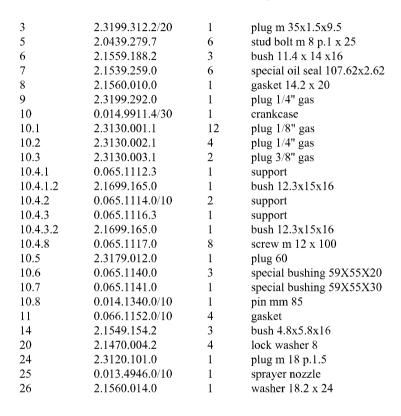
Ref: B0.01.0 (1)

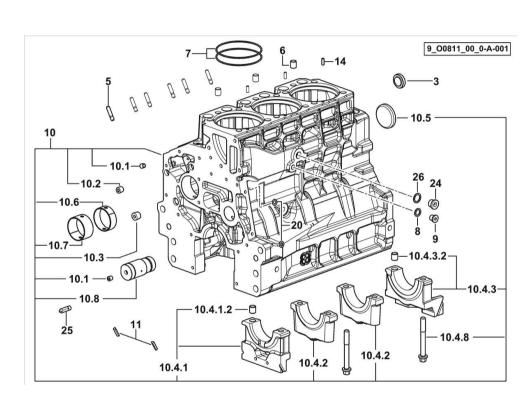
#### **CRANKCASE**

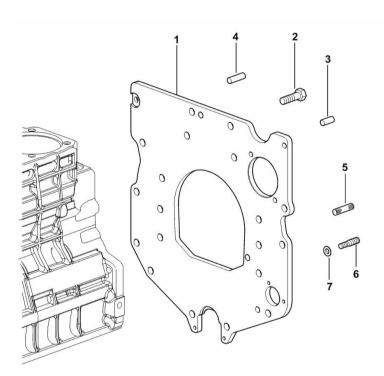
Fig.	P/n	QTY	Name

#### Note

FOR ENGINES PRODUCED IN: TREVIGLIO ITALY [DORADO<sup>3</sup> 60 -> ZKDR2602W0TS05001]







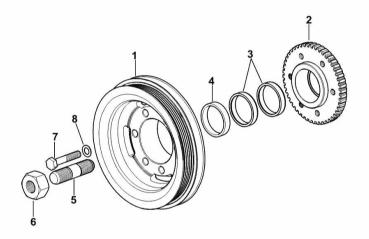
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#### DORADO<sup>3</sup> 60 -> 5001

Section: B0 - ENGINE Ref: B0.01.4 (1)

# MONOBLOC ENGINE-GEARBOX CONNECTING FLANGE

Fig.	P/n	QTY	Name
Notes:			
FOR ENG	FINES PRODUCED IN : TRE	EVIGLIO IT	[ALY [DORADO3 60 -> ZKDR2602W0TS05001]
1	0.007.7752.0/30	1	flange
2	2.0112.511.2	8	screw m 14 p.2 x 30
3	2.1651.912.0	2	cylindrical plug 12x28
4	2.1651.917.0	1	cylindrical plug 12x40
5	2.0432.257.7	1	stud bolt m 12 p.1.75 - 1.25 x 30
6	2.0439.250.7	1	stud bolt m 12 / m 10 x 30
7	0.011.9294.0/10	1	bush



9\_O6312\_03\_0-A-001

Fig.

P/n

#### $DORADO^{3} 60 -> 5001$

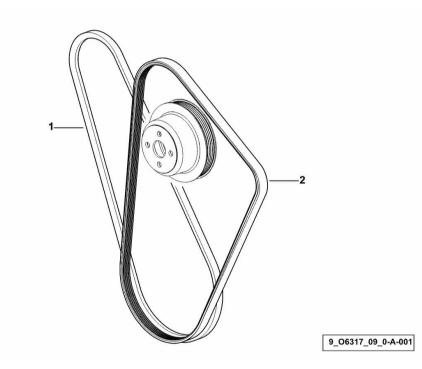
Section: B0 - ENGINE Ref: B0.02.0 (1)

Name

## ENGINE CRANKSHAFT PULLEY WITH RING-FEEDER RINGS

QTY

Notes:	ZINES DRADIICED IN . TRI	WICLIO	ITALY [DORADO³ 60 -> ZKDR2602W0TS05001]
FOR ENC	JINES FRODUCED IN . TRE	VIGLIO	11AL1 [DOKADO 00 -> 2KDK2002W01303001]
1	0.015.6055.0	1	pulley
2	0.011.3515.0/20	1	hub $Z = 48$
3	0.065.1256.0	2	ring 45x52
4	2.1579.865.0	1	spacer 45.2x51.8x10
5	2.0439.195.7	1	stud bolt m 20 p.1.5x80
6	2.1019.094.7	1	nut m 20 p.1.5
7	2.0112.320.2	6	screw m 10 p.1.5 x 55
8	2.1470.006.2	6	lock washer 10

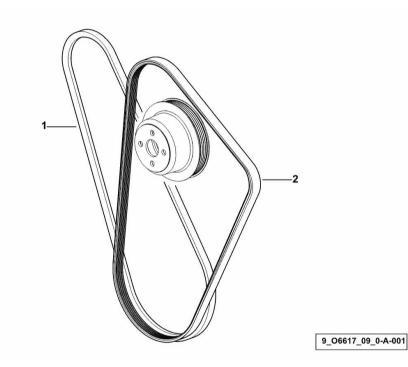


#### DORADO<sup>3</sup> 60 -> 5001

Section: B0 - ENGINE Ref: B0.02.2 (1)

# COOLANT PUMP AND ALTERNATOR DRIVEBELT

Fig.	<u>P/n</u>	QTY	Name
Notes: - FOR MO	ODELS WITH COMPRESS	SOR [DORA	ADO <sup>3</sup> 60 -> ZKDR2602W0TS05001] 5058 <-
1	2.4119.143.0	1	belt AV 12.7x1225 mm
2	2.4119.214.0	1	belt PV-K5 ( mm 17.4x1245 )



#### DORADO<sup>3</sup> 60 -> 5001

Section: B0 - ENGINE Ref: B0.02.3 (1)

# COOLANT PUMP AND ALTERNATOR DRIVEBELT

Fig.	<u>P/n</u>	QTY	Y Name
Notes: - FOR MO	ODELS WITH COMPRESS	SOR [DORA	ADO <sup>3</sup> 60 -> ZKDR2602W0TS05001] -> 5060
1	2.4119.143.0	1	belt AV 12.7x1225 mm
2.	2 4119 206 0	1	helt PV-K5 17 4x1270 mm

Section: B0 - ENGINE

Ref: B0.02.4 (1)

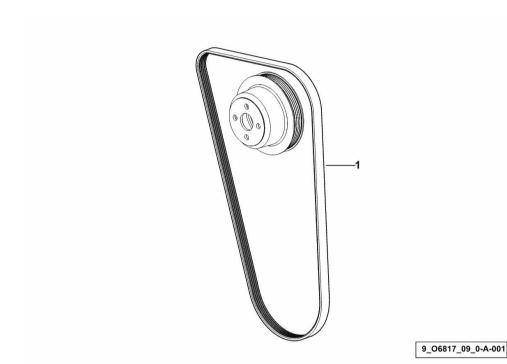
# COOLANT PUMP AND ALTERNATOR DRIVEBELT

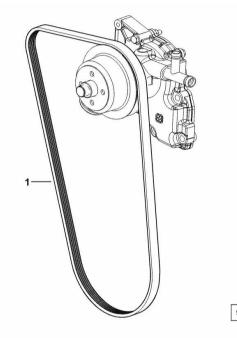
Fig.	P/n	QTY	Name

Notes:

[DORADO<sup>3</sup> 60 -> ZKDR2602W0TS05001] 5059 <-

2.4119.187.0 1 belt PV-K5 (mm 1230)





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#### DORADO<sup>3</sup> 60 -> 5001

Section: B0 - ENGINE Ref: B0.02.7 (1)

# COOLANT PUMP AND ALTERNATOR DRIVEBELT

Fig. P/n QTY Name			
	P/n	QTY	Name

Notes:

[DORADO<sup>3</sup> 60 -> ZKDR2602W0TS05001] -> 5062

2.4119.188.0 1 belt PV-K5 17.4x1275 mm

1/1

# 7.1 7.5 7.3 10 1001 1001 1002

#### DORADO<sup>3</sup> 60 -> 5001

Section: B0 - ENGINE

Ref: B0.02.9 (1)

# CRANKSHAFT

Fig. P/n QTY Name					
	Fi	g.	P/n	QTY	Name

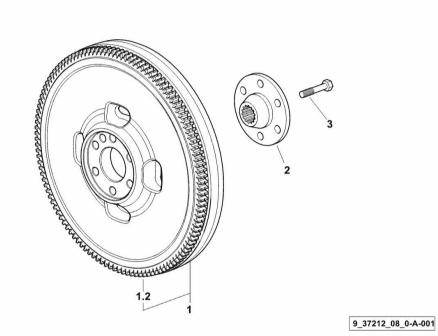
#### Notes:

9 901 902

9\_34812\_00\_0-A-001

FOR ENGINES PRODUCED IN: TREVIGLIO ITALY [DORADO3 60 -> ZKDR2602W0TS05001]

6 7.1	2.1720.006.0 0.007.1554.0/20	1	key 4x6.5 crankshaft
7.2	0.065.1323.0/30	1	gear Z = 29
7.3	2.1651.915.0	1	pin 12x35
7.4	2.1720.006.0	1	key 4x6.5
7.5	2.3130.001.1	3	plug 1/8" gas
8	0.065.1215.0/10	4	main half bushing STANDARD
9	0.065.1216.0/10	4	main half bushing STANDARD
10	0.065.1218.0	4	shim STANDARD
15	0.065.1254.0/20	1	gasket
16	0.007.1711.0/10	1	cover
17	2.1475.002.2	9	conical washer 8
18	2.0112.207.2	9	screw m 8 p 1.25 x 20
19	2.1529.073.0	1	special oil seal 110x130x13
22	2.1599.524.7	1	washer 21x60x12
801	0.065.1215.7		main half bushing - mm 0.25
802	0.065.1215.8		main half bushing - mm 0.50
901	0.065.1216.7		main half bushing - mm 0.25
902	0.065.1216.8		main half bushing - mm 0.50
1001	0.065.1218.7		shim + mm 0.10
1002	0.065.1218.8		shim + mm 0.15



Section: B0 - ENGINE

Ref: B0.02.14 (1)

# ENGINE FLYWHEEL

Fig.	P/n	QTY	Name	
Notes:	0 <sup>3</sup> 60 -> ZKDR2602W0TS05	0011		
рошьс	7 00 7 ZKBK2002 W 0 1803	001]		
1	0.007.1883.3/30	1	flywheel	
1.2	0.069.1242.0	1	crown wheel $Z = 121$	
2	0.255.2525.0/10	1	flange	
3	2.0139.022.2	6	screw m 12 p.1.25x55	

Name

Ref: B0.03.0 (1)

Section: B0 - ENGINE

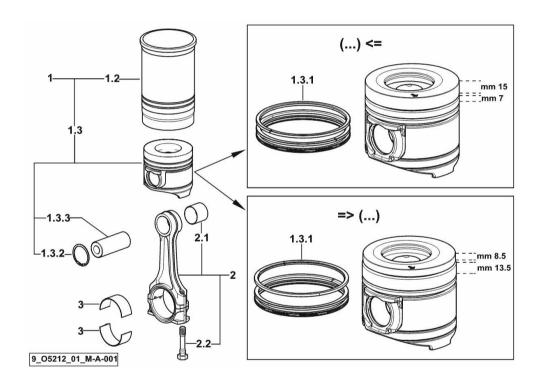
QTY

# CYLINDER - PISTON - CONNECTING ROD

P/n

Fig.

1	0.O68.0065.A	3	cyl. piston assembly "A"
			() <= - CLASS A
1	0.O68.0065.B	3	cyl. piston assembly "B"
			() <= - CLASS B
1	0.Q92.0065.A	3	cyl. piston assembly "A"
			=> () - CLASS A
1	0.Q92.0065.B	3	cyl. piston assembly "B"
			=> () - CLASS B
1.2	0.A12.2675.0	1	engine cylinder "A"
			- CLASS A
1.2	0.B12.2675.0	1	engine cylinder "B"
			- CLASS B
1.3	0.068.0060.A	1	complete piston "A"
			() <= - CLASS A
1.3	0.068.0060.B	1	complete piston "B"
			() <= - CLASS B
1.3	0.Q92.0060.A	1	complete piston "A"
			=> () - CLASS A
1.3	0.Q92.0060.B	1	complete piston "B"
			=> () - CLASS B
1.3.1	0.081.0090.6/10	1	piston ring set
			() <=
1.3.1	0.Q92.0052.6	1	piston ring set
			=> ()
1.3.2	2.1411.014.1	2	circlip 35
1.3.3	0.078.1236.0	1	piston pin Ø $18 / Ø 35 / L = mm 86$
2	0.014.5175.3	3	engine connecting rod
2.1	2.1559.255.0	1	special bushing 34.60x39.130x34.65
2.2	2.0399.213.0	2	screw m 12 p.1.25x61.5
3	0.065.1225.0	6	con.rod half bushing STANDARD - $A = 28.75 \rightarrow 29.0$
3	0.065.1225.7	6	con.rod half bushing - mm 0.25
3	0.065.1225.8	6	con.rod half bushing - mm 0.50



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