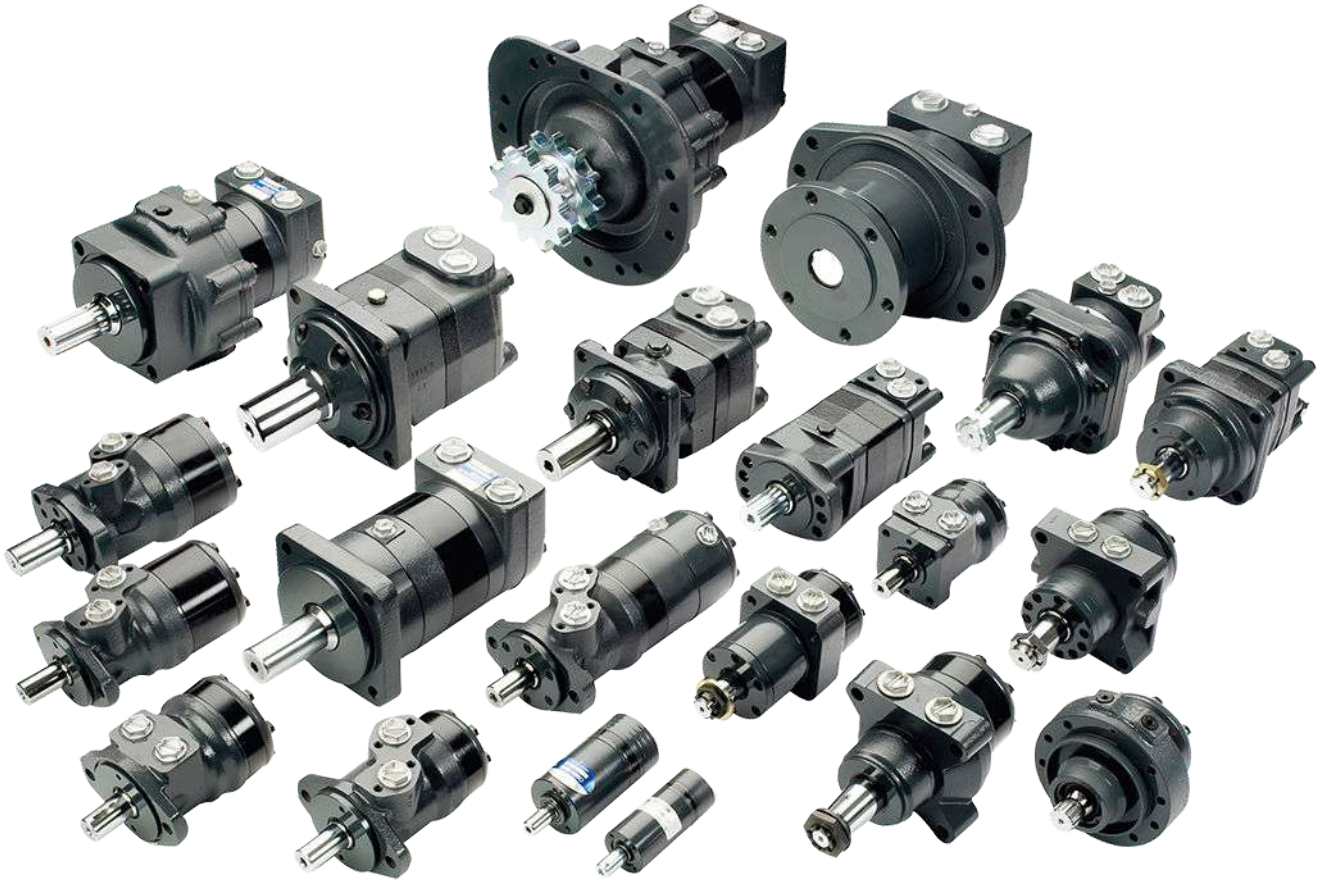
ENGINEERING
TOMORROW

Technical Information

Orbital Motors
Seal Kits



powersolutions.danfoss.com

Revision history

Table of revisions

Date	Changed	Rev
October 2017	Added OMP X and OMR X data to table and updated to Engineering Tomorrow	0401
July 2014	Converted to Danfoss layout	CA
January 2011	Small updates to tables	BC
May 2010	Japan location	BA
September 2007		AB
July 2007	First edition	AA

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Consecutive motor code

Special versions

The list of seal kits cannot be used when ordering kits for special motor versions. In this respect, please contact the sales organisation for Danfoss.

Seal kits for Orbital Motors

Below a complete survey of code numbers for seal rings, full seal kits and O-rings (short motors) for **standard motors**.

The survey applies to series that can be supplemented with spare parts.

Type OML, OMM, OMP, OMP X, DH, OMR, OMR F, OMR X, DS, DSW and OMH

Type OML, OMM, OMP, OMP X, DH, OMR, OMR F, OMR X, DS, DSW and OMH

Seal kits survey					
Motor type	**Description**	**Series**	**Seal kits no. NBR**	**Production week (ww.yyyy)**	
	Shaft versions			**Series start**	**Series stop**
OML	∅16 mm, ∅5/8 in	0	151G2201	23. 1987	-
OMM	∅16 mm, ∅5/8 in splined shaft B 17 • 14	3	151G0202	19. 1985	-
OMP	∅25 mm, ∅1 in, 1 in splined shaft	6	151-1154	15. 1982	33. 1994
	∅25 mm, ∅1 in 1 in spl. shaft, 28.5 mm tapered shaft	7	151-1275	34. 1994	-
	∅32 mm, 35 mm tapered shaft	6 and 7	151-1279	-	-
	∅25 mm, ∅1 in, 1 in splined shaft (HPS)	8	151-1286	31. 1998	-
OMP X	Ø25 mm, Ø1 in, Ø7/8 in, 28.5 mm	X	11188319	25.2017	-
DH	∅1 in, 1 in splined shaft 6B	0	151-1273	18. 1993	41. 1997
	∅1 in, 1 in splined shaft 6B	1	151-1286	42. 1997	0
OMR	∅25 mm, ∅1 in, 1 in splined shaft	4	151-1159	16. 1982	33. 1994
	∅25 mm, ∅1 in, 1 in spl. shaft, 28.5 mm tapered shaft	5	151-1277	34. 1994	-
	∅32 mm, 35 mm tapered shaft	4 and 5	151-1166	-	-
	∅25 mm, ∅1 in, 1 in splined shaft (HPS)	6	151-1286	31. 1998	-
OMR F	∅25 mm, ∅1 in	5	151-1287	34. 1994	-
OMR X	Ø25 mm, Ø1 in, Ø7/8 in, 28.5 mm	X	11188319	25.2017	-
DS	∅1 in, 1 in splined shaft 6B	0	151-1274	18. 1993	41.1997
	∅1 in, 1 in splined shaft 6B	1	151-1286	42. 1997	-
DSW	11/4 in tapered shaft	0	11005765	01.2005	-
OMH	∅32 mm, ∅35 mm, ∅1/4 in 11/4 in splined shaft, 35 mm tapered shaft	0	151H1100	13. 1989	-

Seal kits for Orbital Motors

Type OMEW, OMEW F, OMS, OMSS, OMS H, OMT, OMTS, OMT HD, OMT FL, OMT FH, OMT FK, OMV, OMVS and OMV HD

Type OMEW, OMEW F, OMS, OMSS, OMS H, OMT, OMTS, OMT HD, OMT FL, OMT FH, OMT FK, OMV, OMVS and OMV HD

Seal kits survey					
Motor type	**Description**	**Series**	**Seal kits no. NBR**	**Production week (ww.yyyy)**	
	Shaft versions			**Series start**	**Series stop**
OMEW	35 mm tapered shaft 1/4 in tapered shaft	0, 1 and 2	151H1101	-	-
OMEW F	1/4 in tapered shaft	0 and 1	151H1105	01. 2003	26. 2005
		2	151H1106	27. 2005	-
OMS	∅32 mm, ∅1in, ∅11/4 in, 1 1/4 in spl. shaft, 1 in spl. shaft, 35 mm tapered shaft, 1 1/4 in tap. shaft	2 and 3	151F0111	10. 1984	-
	PTO-shaft	2 and 3	151F0117	10. 1984	-
OMSS	Seal kits	2 and 3	151F0103	10. 1984	-
	Kits set*	-	151F1033	-	-
OMT	∅40 mm, ∅1 1/2 in, 1 1/4 in spl shaft, 1in 45 mm tapered shaft, 1 3/4 in tap. shaft, PTO shaft	2	151B0113	27. 1988	-
OMTS	Seal set	2	151B0114	27. 1988	-
	Kits set*	2	151B1040	27. 1988	-
OMT HD	Shaft seal NBR shore 90	2	151B0161	27. 1988	-
	Shaft seal NBR shore 70	2	151B1113	27. 1988	-
OMT FX	Wheel Flange	2	151B0152	49.1989	-
OMT FL	∅40, 1 1/2 in splined shaft	2	151B0153	36.1990	-
OMT FH	∅40, 1 1/2 in splined shaft	2	151B0154	16.1991	-
OMT FK	Wheel Flange	2	151B0155	43.1991	24.2008
OMT FK	Wheel Flange	2	11050305	25.2008	-
OMV	∅50 mm, ∅2 1/4 in, 2 1/8 in spl shaft, 60 mm tapered shaft, 2 1/4 in tapered shaft	2	151B0129	27. 1988	-
OMVS	Seal kits	2	151B0125	27. 1988	-
	Kits set*		151B1041	-	-
OMV HD	Shaft seal NBR shore 90	2	151B0162	27. 1988	-
	Shaft seal NBR shore 72	2	151B1114	27. 1988	-

* O-ring for short motor

Seal kits for Orbital Motors

Type TMK, TMK FL, TMT, TMT FL, TMTW, and TMVW

Type TMK, TMK FL, TMT, TMT FL, TMTW, and TMVW

Seal kits survey					
Motor type	**Description**	**Series**	**Seal kits no. NBR**	**Production week (ww.yyyy)**	
	Shaft versions			**Series start**	**Series stop**
TMK	∅1 1/4 in, 1 1/4 in spl shaft, 1 1/4 in tap. shaft, 1 1/2 in tap. shaft, 1 5/8 in tapered shaft	0	151F0141	02. 2003	-
TMK FL	1 1/2 in tapered shaft	0	151F0142	02. 2003	-
TMT / TMTU	∅40 mm, ∅1 1/2 in, 45 mm tapered shaft, 1 3/4 in tapered shaft	0	151B0176	49. 1999	-
TMT FL	1 1/2 in tapered shaft, 45 mm tapered shaft	0	151Z2059	49. 1999	-
TMTW	Thread hole flange	0	151Z2072	49. 1999	-
TMVW	Thread hole flange with standard shaft seal	0	151Z7080	39. 2002	-

Name plate

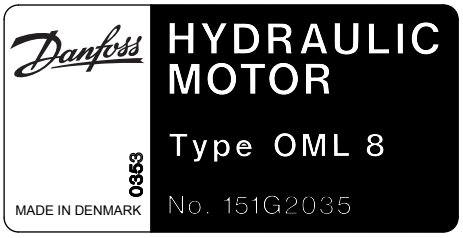
Old name plate:

- O = Series 0
- 1 = Series 1
- 2 = Series 2, etc

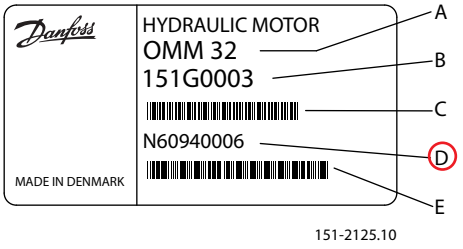
New name plate:

- Position D: See *Consecutive Motor Code*

OML / OMM



151-2115.10

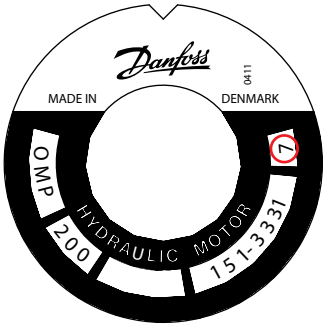


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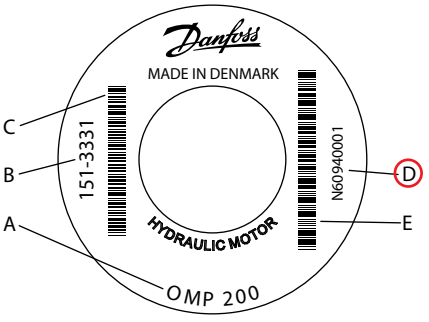


151-2116.10

OMP / OMR



151-2117.11

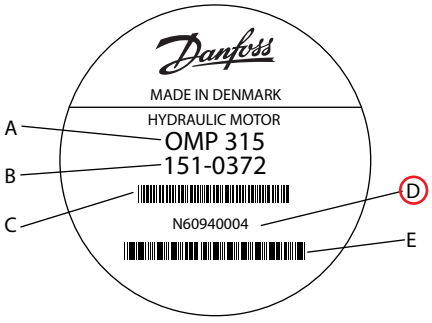


151-2126.10

Name plate

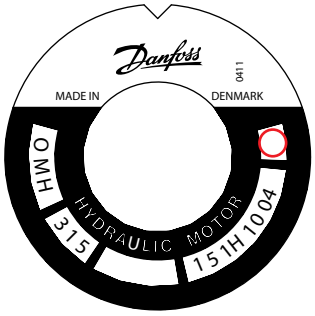


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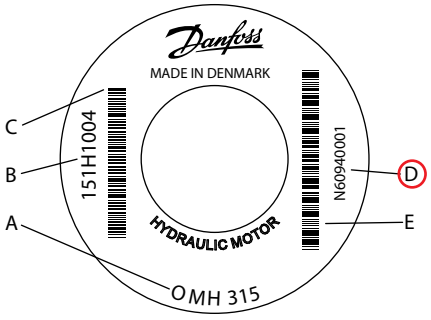


151-2127.10

OMH

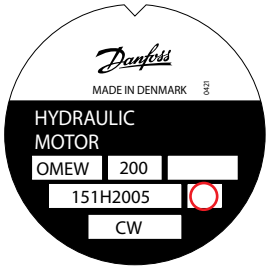


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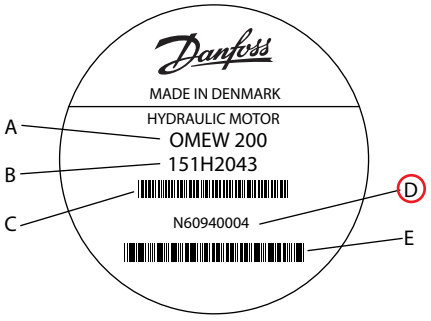


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OMEW

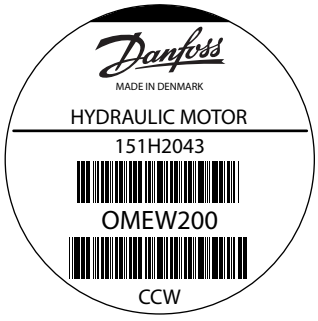


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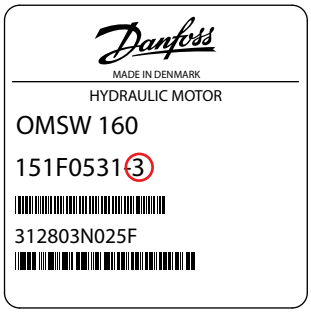
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Name plate

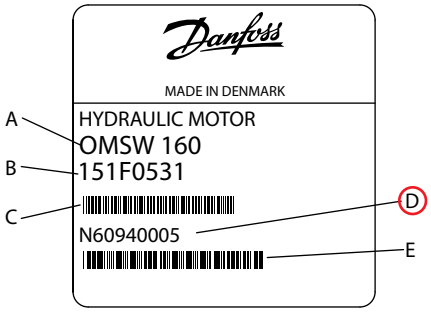


151-2120.11

OMH /OMS / OMT / OMV



151-2121.11

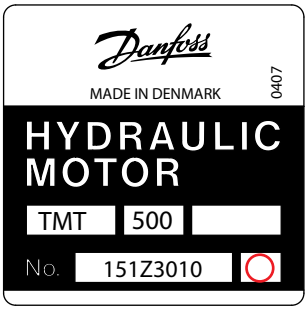


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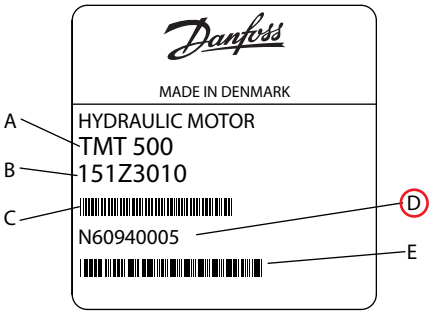


151-2122.11

TMK / TMT / TMV

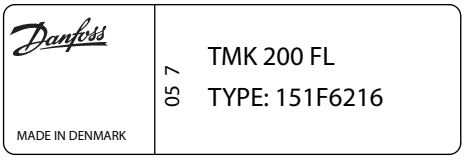


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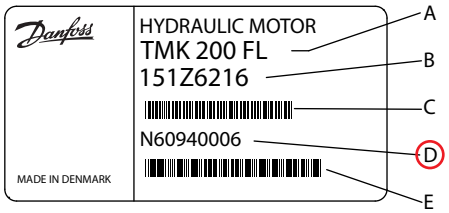


151-2131.10

Name plate



151-2123.10



151-2132.10

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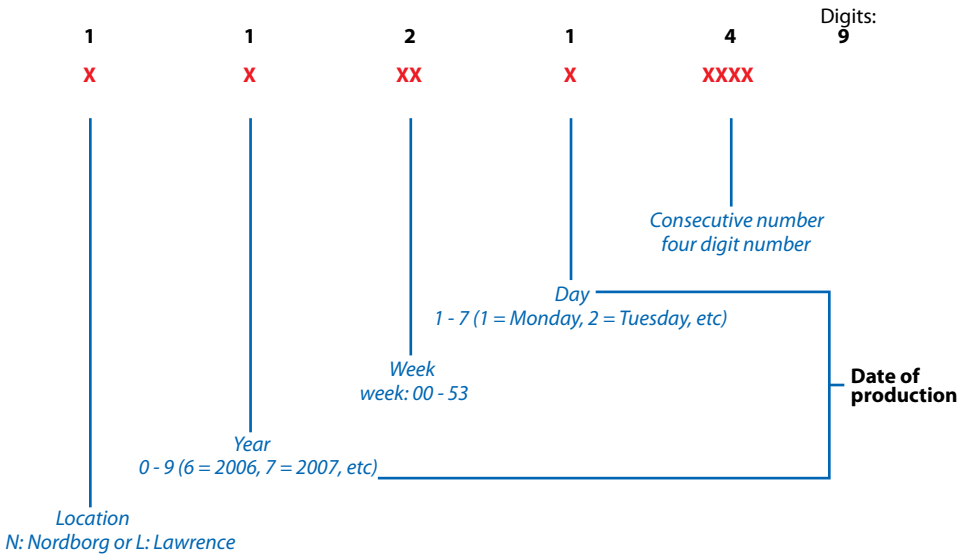
B: Code number (text form)

C: Code number (bar code 39)

D: Consecutive number (text form) incl. date of manufacturing

E: Consecutive number (bar code 39)

Consecutive motor code



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