

Model code/ Name	OMT 500 HYDRAULIC MOTOR
Code number	151B3011
Description	
URL	<a href="https://store.danfoss.com/nl-ps/en/Power-Solutions/Motors/Mobile-motors/Low-speed-high-torque-motors/Orbital-motors/Danfoss-orbital-motor-series/OMT-500-HYDRAULIC-MOTOR/p/151B3011">https://store.danfoss.com/nl-ps/en/Power-Solutions/Motors/Mobile-motors/Low-speed-high-torque-motors/Orbital-motors/Danfoss-orbital-motor-series/OMT-500-HYDRAULIC-MOTOR/p/151B3011</a>

### Product details

Gross weight	24.5 Kg
Net weight	24.5 Kg
Model code	OMT-0500-A-NN-G21-AD-1D-D21-A-A-1B-1-N-NN-NNNNN-NN-NN-SP-NNN
Motor Series	OMT Series
Valve system	Disc valve with valve drive
Orbital gearwheel set type	Geroler
Motor size	500
Geometric displacement [cm <sup>3</sup> /r [in <sup>3</sup> /r]]	523.6 [31.95]
Motor type	Standard
Motor function	Standard
Mounting flange type	4 Bolt - Square
Mounting flange dimension [pilot dia x height, bolt circle dia, hole [mm [inch]]]	125.0 x 11.0, 160.0, 14.0 [4.92 x 0.43, 6.30, 0.55]
SHAFT TYPE	Splined
Shaft dimension	Dia. 1 1/2 inch, 17T, M12 x 1.75-6H thread in shaft end
Shaft Key	n/a
Main port thread type	BSP
Main port style	Sideport - staggered
Main port dimension	G 3/4, 4 x M10 block mounting threads
Drain Port Dimension	G 1/4
Brake Release Port Dimension	n/a
Painted	No
Paint information	n/a
Special features hardware	Standard
Special Features Assembly	Standard
Dust seal	Standard
Shaft Seal	NBR - Standard
Seal Kit	151B0113
Front bearing type	Tapered roller bearing
Rear bearing type	Tapered roller bearing
Orbital gearwheel set	Standard
Check valve function	Yes
Hydraulic valve function	None
Sensor	None
Packaging	Single pack
Name Tag	Danfoss name tag
Design code	2
Product group	O, T-Series Large Orbital Motors
Type	OMT Orbital Motors 160 - 500cc

### Pricing

List price	
Currency	EUR

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