

# Gerolor Orbital Motors

*Supplying a variety of Low Speed High Torque Genuine Metaris Orbital Motors.*



## Economical and Compact

Genuine Metaris Gerolor Orbital Motors are your best low speed high torque motor option in an economical and compact design. Utilizing proven gerolor spool valve and disc valve technology, these motors allow for high efficiency, smooth operation and a long operational life. The motors come equipped with a high pressure shaft seal and also come in a range of displacements giving us the ability to better serve your needs. The Genuine Metaris Orbital Motor is a functional replacement for common motors in the market today such as Eaton®, Char-Lynn®, Danfoss®, Parker® and White®.

**Harvesters · Augers · Conveyors**  
**Sweepers · Seeders · Food Processing**  
**Car Wash Equipment · Saw Mills**  
**Turf Equipment · Concrete Equipment**  
**Railroad Maintenance · Combines · Loaders**  
**Wheel Drives · Cranes · Broom Drives · Fork Lifts**  
**Marine Equipment · Rudder Controls · Back Hoes**  
**Chippers · Salt Spreaders · Plastics Machinery**  
**Rubber Machinery · Feed Rollers**  
**And many more**

## Specifications

- » Displacements from 50cm<sup>3</sup> to 985cm<sup>3</sup>
- » Spool Valve & Disc Valve Units
- » Wheel Mount Units Available
- » Form, Fit & Function Replacements for common OEM Orbital Motors in the Market today



**1-800-962-2703**



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The Hydraulex Global Companies

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Genuine Metaris Orbital Motors.



## Specifications

DISTRIBUTION TYPE		MMPS Gerolor Spool Valve Motor	MMRS Gerolor Spool Valve Motor	MMRSW Gerolor Spool Valve Motor (Wheel Mount)	MMH Gerolor Spool Valve Motor	MMW Gerolor Spool Valve Motor (Wheel Mount)	MMS Gerolor Disc Valve Motor	MMK Gerolor Disc Valve Motor	MMT Gerolor Disc Valve Motor	
GEOMETRIC DISPLACEMENT	(in <sup>3</sup> /rev.)	(3.0 - 24.1)	(3.0 - 24.1)	(3.0 - 24.1)	(12.2 - 60.1)	(12.2 - 60.1)	(4.9 - 29.8)	(6.7 - 29.8)	(11.9 - 60.1)	
	cm <sup>3</sup> /rev.	50 - 395	50 - 395	50 - 395	200 - 985	200 - 985	80 - 490	110 - 490	195 - 985	
MAX. SPEED RPM	Cont.	1300 - 168	1000 - 126	1300 - 168	360 - 73	360 - 73	799 - 191	697 - 191	775 - 153	
	Int.	1400 - 180	1180 - 151	1400 - 180	470 - 100	470 - 100	908 - 335	868 - 305	866 - 230	
MAX. TORQUE (LB. IN.) N*M	Cont.	(lb. in.)	(1390 - 9010)	(1018 - 5673)	(1390 - 9010)	(4425 - 11241)	(4425 - 11241)	(1726 - 6196)	(2832 - 8364)	(4204 - 13896)
		N*M	157 - 1018	115 - 641	157 - 1018	500 - 1270	500 - 1270	195 - 700	320 - 945	475 - 1570
	Int.	(lb. in.)	(1584 - 10019)	(1133 - 7567)	(1584 - 10019)	(5071 - 12488)	(5071 - 12488)	(2699 - 7877)	(4160 - 10355)	(6815 - 16595)
		N*M	179 - 1132	128 - 855	179 - 1132	573 - 1411	573 - 1411	305 - 890	470 - 1170	770 - 1875
MAX. PRESSURE DROP (PSI) Bar	Cont.	(PSI)	(3191 - 2611)	(2465 - 1740)	(3191 - 2611)	(2538 - 1305)	(2538 - 1305)	(2465 - 2031)	(2973 - 2031)	(2465 - 1740)
		Bar	220 - 180	170 - 120	220 - 180	175 - 90	175 - 90	170 - 140	205 - 140	170 - 120
	Int.	(PSI)	(3626 - 2901)	(2756 - 2176)	(3626 - 2901)	(2901 - 1450)	(2901 - 1450)	(3989 - 2465)	(4496 - 2465)	(3989 - 2031)
		Bar	250 - 200	190 - 150	250 - 200	200 - 100	200 - 100	275 - 170	310 - 170	275 - 140
MAX. FLOW (GPM) L/MIN	Cont.	(GPM)	(18.5)	(15)	(18.5)	(21.1)	(21.1)	(19.8)	(19.8 - 25.1)	(39.6)
		L/MIN	70	57	70	80	80	75	75 - 95	150
	Int.	(GPM)	(19.8)	(17.9)	(19.8)	(26.4)	(26.4)	(19.8 - 34.3)	(25.1 - 39.6)	(44.9 - 59.4)
		L/MIN	75	68	75	100	100	75 - 130	95 - 150	170 - 225

All items are Metaris manufactured. OEM names and model numbers are displayed for reference purposes only.

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