# LEADING PROPEL EXPERIENCE FOR TODAY'S DEMANDING APPLICATIONS

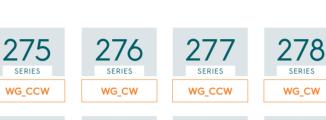


The industry leading range of gerotor orbital hydraulic motors offered in spool, commutator and disc/orbiting valve providing the industry standard for smooth startup and the highest efficiency for a durable and robust system.

LD - LIGHT DUTY GEROTOR **ORBITAL MOTORS** (SPOOL VALVE TYPE)



MD - MEDIUM DUTY GEROTOR **ORBITAL MOTORS (COMMUTATOR VALVE TYPE)** 



281

SERIES

WG\_CW

431

SERIES

CE\_HD\_CW

**HD - HEAVY DUTY GEROTOR ORBITAL MOTORS** (DISC/ORBITING VALVE TYPE)

351

SERIES

Max. Torque 3342 Nm (29580 lb-in) Max Speed 979 rpm **Max. Power** 66.1 kW (88.5 HP)

451

SERIES

WE\_WEW\_CW

125	
SERIES	
WM_CW	







201

SERIES

RS\_CCW



SERIES







500

SERIES

RE\_SD\_CCW



420 SERIES CE\_MD\_CCW CE\_SD\_CW

506

Max. Torque 1390 Nm (12300 lb-in)

Max Speed 1060 rpm

401

SERIES

505

SERIES

RE\_SD\_CW\_NG

RH\_CCW

Max. Power 31.3 kW (41.9 HP)

421 SERIES CE\_MD\_CW

520

RE\_MD\_CCW

350 WS\_NA\_CW

WS\_NA\_CCW 620



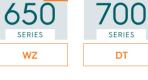




450

SERIES

WE\_WEW\_CW



701 SERIES DT\_WHEEL

DR\_SD

WPN/WPWN\_ CW 253

WRE\_CW

Performance Data **Holding Torque** 

Release Pressure

310

510

157

254 WRE\_CCW

158

SERIES

WPN/WPWN CCW

255 SERIES WR\_CW

200

SERIES

RS\_CW

256 WR\_CCW

251 252 SERIES WRA\_CW WRA\_CCW

530 SERIES

RE\_MD\_CW

430

SERIES

CE\_HD\_CCW





501

SERIES

RE\_SD\_CW



541 SERIES RE\_WHEEL HUB\_CW

740 800 DT\_WHEEL HUB D9\_CCW

801 SERIES D9\_CW

360

SERIES

WS\_EU

805 SERIES D9\_SHORT CCW

806

D9\_SHORT\_CW

#### HYDRAULIC MOTOR I **BRAKE UNITS**

→ Compact and durable gerotor orbital hydraulic motors with integrated hydraulic negative disc brake with the performance to provide solutions for a variety of mobile and industrial applications.

See Hydraulic Motors

bar (psi)

315

SERIES

511

SERIES

19 (275) - 207 (3000)

410

SERIES

610

SERIES



411

SERIES

CE\_MOTOR/ BRAKE\_CW

710

### **STEERING UNITS**

→ Hydrostatic power steering systems for mobile off-highway vehicles requiring stable steering condition for safe driving and manoeuvring. Optional pressure relief, shock valve functions and flow amplifications ratio 2:1 available.

000

Displacement Range	cm³/rev (in³/rev)	40 (2.5) - 1000 (61.0)
Max. Pressure	bar (psi)	210 (3045)
Max. Cont. Back Pressure	bar (psi)	40 (580)
Flow Range	lpm (gpm)	5 (1.3) - 75 (19.8)

S10	
SERIES	
SU_S10	





20	S70
ERIES	SERIES
J_S20	SU_S70
<b>V21</b>	
ERIES	
ANIFOLD	

#### **HYDRAULIC BRAKES**

→ Widest range of stand-alone and flange-mount hydraulic negative disc brakes for many applications requiring hold and safety brake systems in compact economical designs.



Release Volume	cm³ (in³)	8.3 (0.5) - 11.5 (0.7)
Release Pressure	bar (psi)	20 (290) - 31 (450)
Max. Release Pressure	bar (psi)	207 (3000) - 250 (3625)
Holding Torque	Nm (lb-in)	225 (2000) - 1500 (13300)

913	915	920
SERIES	SERIES	SERIES
BK10	BK15	AB

925	930
SERIES	SERIES
FB	SB

## **HYDRAULIC PUMPS**

→ Patented series of hydraulic axial piston pumps for variable displacement with swash plate desian in a verv liaht aluminum die cast housing with integrated high volume charge pump and optional fixed displacement gear pump.

Displacement Range

Charge Pump Displacement

Max. Operating Pressure

Peak System Pressure

113

CP\_SF\_CCW

116

SERIES CP\_LF\_CW



cm<sup>3</sup>/rev (in<sup>3</sup>/rev) 10 (0.6) - 23 (1.4)

115

CP\_LF\_CCW

240 (3500)

cm<sup>3</sup>/rev (in<sup>3</sup>/rev) 3 (0.2)

bar (psi)

114

CP\_SF\_CW

		. ,
щ	accuracy.	
7	pressure compenso	ited flow

**DIVIDERS** 

→ Patented Roller Stator

designed for providing

combined with highest

extremely quiet operation

Min. Input Flow	lpm (gpm)	8 (2) - 19 (5)
Max. Input Flow	lpm (gpm)	151 (40) - 189 (50
Max. Inlet Pressure	bar (psi)	207 (3000)
Max. Outlet Pressure	bar (psi)	207 (3000)

