

# THE NEW VARIABLE MOTOR FROM PARKER

"Fastest in the World"

# V16

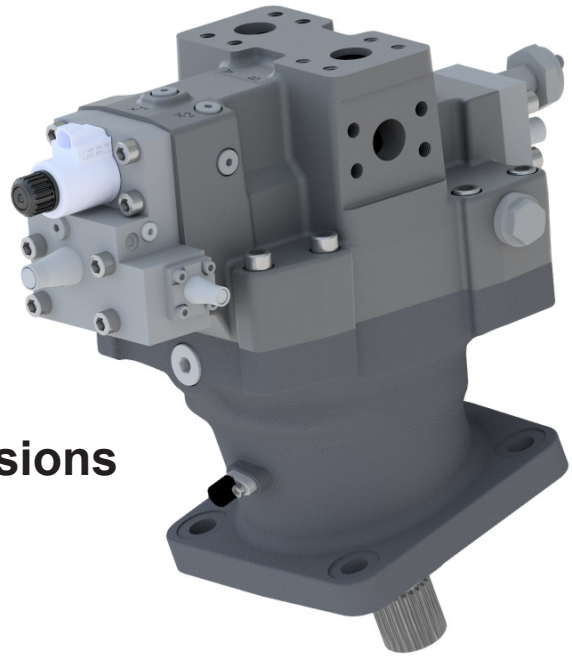
Displacement 220/270 cc

## New Variable Motor

Series V16 is a new generation of variable displacement, bent-axis motors. A further development of our well known V12 and V14 motor series.

The new motors are available in 220 cc and 270 cc.

It is designed for both open and closed circuit transmissions with focus on high performance machines.



## Fuel Savings and less CO<sub>2</sub> Emissions

V16 is probably the most efficient variable bent-axis motors on the market. Now with the ability of stroking to zero displacement. This will give superior fuel savings and reduced environmental footprint.

## Performance & Productivity

V16 high speed motors offer superior performance, outstanding efficiency and speed capability throughout the entire displacement range.



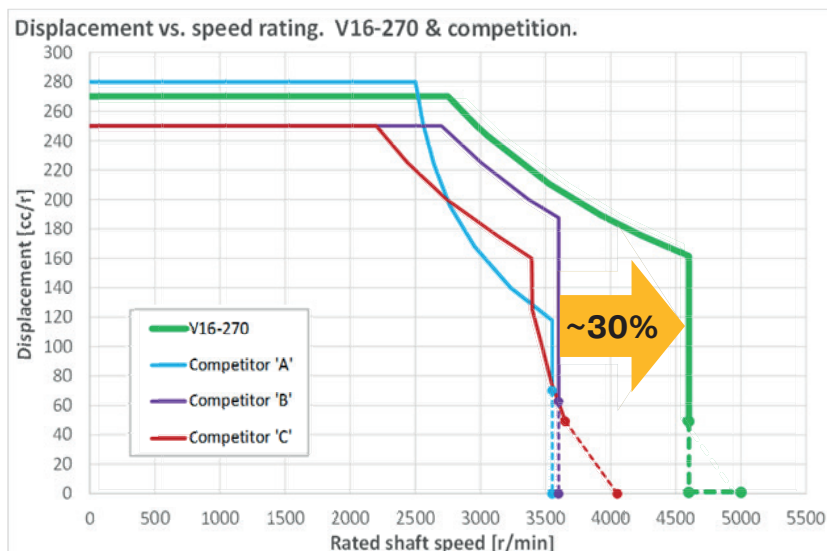
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Displacement 270/220 cc

- Best in the world speed capability allows the customer to increase their production
- Smooth, fast and accurate control thanks to our new design gives outstanding maneuverability
- Zero displacement capability in combination with world class efficiency gives superior fuel economy and less CO<sub>2</sub>-emissions
- The bent-axis design gives a robust and reliable motor that withstand pressures up to 550 bar



## V16 Technical Specifications

Preliminary

		V16	
Motor Size		220 cc	270 cc
Displacement - Max/Min	[cm <sup>3</sup> /rev]	220/40	270/49
Operating speed - @35° / @ 6-20° / @ 0°	[rpm]	2950/4950/5550	2750/4600/5000
Operating pressure - Intermittent <sup>1)</sup> /Continuous	[bar]	550/450	550/450
Max Continuous Flow (theor.)	[l/min]	650	740
Torque (theor.) at 100 bar	[Nm]	350	430
Max Continuous Power	[kW]	488	555
Weight	[kg]	90	93

<sup>1)</sup> Max 6 seconds in any one minute.