



# F11 8cc

## EXTENSION OF PARKER'S F10/11 SERIES

Parker is extending its product portfolio. As technology evolves, demands on motors with high efficiency, long lifespan and high-speed capability increases.

Parker's bent axis F10/F11 series is becoming a leader in various segments, specifically in the agriculture market where the seeder technology evolves.

The displacement is key to meet the required torque and flow as it controls the fan speed based on the constant hydraulic flow delivered by the tractor.



The new size F11 8cc is a new addition to the already well known F11 series, utilizing the high efficient bent axis concept with an wide speed range and unbeatable acceleration. This in combination with high efficiency and versatility delivers excellent performance, making it ideal for various industrial and mobile applications.

### MARKETS



Construction



Agriculture



Defense



Forestry



Mining

### ROBUST DESIGN

The F11 8cc features Parker's efficient bent axis design and double tapered bearings provides a pump or motor for demanding applications, allowing attachments to mount directly on the motor shaft. With heavy-duty bearings supporting substantial axial and radial loads, ensuring exceptional lifetime and durability.



### OUTSTANDING EFFICIENCY



The new 8cc has its heritage from the well-known F11 series. The patented spherical piston design in combination with gear synchronization gives the most efficient and reliable solution. Overall efficiency up to 96 % gives lowest power losses, lowest fuel consumption and reduced environmental footprint.

### HIGH-SPEED CAPABILITY

- Superior speed capability
- Unbeatable acceleration
- Optimized for many applications, such as forestry saw motors and high-speed fan drives



F11							
Frame size	5	6	8	10	12	14	19
Motor operating speed [rpm]							
max intermittent <sup>1)</sup>	14000	11200	11200	11200	10300	9900	8900
max continuous	12800	10200	10200	10200	9400	9000	8100

<sup>1)</sup> Intermittent: max 6 seconds in any one minute.