

# Planetary Rigid Axle

Spicer<sup>®</sup> 192 With Integrated Gearbox

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The Spicer<sup>®</sup> 192 planetary rigid axle with integrated gearbox is designed for small- and medium-sized single drum rollers that enables original-equipment manufacturers to reduce the package size of motors, pumps, and other hydraulic components.

The Spicer<sup>®</sup> 192 planetary rigid axle with integrated gearbox and Brevini<sup>®</sup> SH Series variable displacement hydraulic motors facilitates the use of an axle with a high reduction ratio, which increases the power available to the rest of the system and allows manufacturers to use more compact hydraulic components while maintaining optimal performance.

#### **SPICER® 192 AXLE: FEATURES**

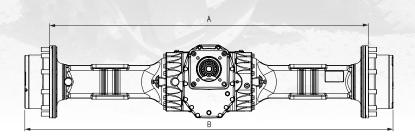
Installation Dimensions [mm]					
A - Flange to flange		1660			
B - Planetary Hub Length		1916			
C - Wheel Pilot Diameter	280				
D - Wheel Bolt Circle Diameter	335				
Technical data					
Dropbox Ratios		1:2,12			
Planetary Reduction Ratio		1:6.000			
Bevel Set Ratio		1:7.167			
Maximum Output Torque (daNm)		3500			
Load Capacity (daN); Static		16.000			
Load Capacity (daN); Dynamic		8.000			
Design Features					
Axle Mounting	Rigid mounting on axle housing				

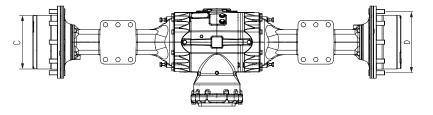
Input Flange Option

**Differential Options** 

Service Brake

SAHR Brake





#### **BREVINI® SH7V 055 AXIAL PISTON MOTOR: FEATURES**

Technical Data							
		Vg <sub>max</sub>	cm³/giro	61			
Displacement	Standard	Vg <sub>min</sub>	cm³/giro	30			
	Minimum possible	Vg <sub>min</sub>	cm³/giro	12.2			
	Optional	Vg <sub>o</sub>	cm³/giro	0			
Max pressure	Cont.	P <sub>nom</sub>	bar	430			
	Peak	P <sub>max</sub>	bar	480			
Max flow	q <sub>max</sub>	l/min	271				
Max speed at Vg <sub>max</sub> e q <sub>max</sub>		n <sub>max</sub>	rpm	4450			
Max speed at Vg <vg<sub>max</vg<sub>		n <sub>max lim</sub>	rpm	7000			
Max speed at Vg <sub>0</sub>		n <sub>max0 lim</sub>	rpm	8350			
Torque costant Vg <sub>max</sub>		T <sub>k</sub>	Nm/bar	0.97			
Max power at q <sub>max</sub> e p <sub>nom</sub>		P <sub>max</sub>	kW	194			
Max torque at Vg max	Cont. (p <sub>nom</sub> )	T <sub>nom</sub>	Nm	418			
	Peak (p <sub>max</sub> )	T <sub>max</sub>	Nm	466			
Moment of inertia		J	kg∙m²	0.005			
Weight		m	kg	28			
Drain flow		q <sub>d</sub>	l/min	3			

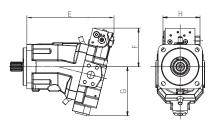
Hydrostatic motor

None

Internal

no spin, limited slip 45%

Dimensions						
Size [cc/rev.]	E [mm]	F [mm]	G [mm]	H [mm]		
055	247.4	123.3	146.8	125.5		





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#### **Application Policy**

Capacity ratings, features, and specifications vary depending upon the model and type of service. Application approvals must be obtained from Dana; contact your representative for application approval. We reserve the right to change or modify our product specifications, configurations, or dimensions at any time without notice.