

SA12-B



12,879
Max Torque (Ft-Lbs)

20
Max Speed (RPM)

455
Product Weight (LBS)

3,000
Max Pressure (PSI)

35
Max Flow (GPM)

6-12
Machine Size (Tons)

SPECIFICATIONS

Motor Type: Single-Speed
Valves: Single CBV & CPR
Motor Ports: -12 JIC
Gearbox: Two Stage Planetary
Shaft Pullout: 13,600 Lbs

Max Pressure: 3000 PSI (207 Bar)
Max Flow: 35 GPM (133 LPM)
Overall Height: 42" (1066 mm)
Diameter: 12.7" (322 mm)
Connection Pin: 45 mm



energi
Compatible Gearbox

SA12 TORQUE CHART

Pressure PSI	Torque Ft-Lbs
2000	8,585
2200	9,444
2400	10,303
2600	11,161
2800	12,020
3000	12,879

SA12 SPEED CHART

Flow GPM	Speed RPM
20	11
25	14
30	17
35	20

IMPERIAL PERFORMANCE DATA

SA12 TORQUE CHART

Pressure Bar	Torque Nm
137	11,641
151	12,805
165	13,969
179	15,133
193	16,297
207	17,461

SA12 SPEED CHART

Flow LPM	Speed RPM
75	11
94	14
113	17
133	20

METRIC PERFORMANCE DATA

RECOMMENDED PRIME MOVERS



Maximum efficiencies have been applied to the torque and speed charts. **Values are NOT listed at 100% theoretical.** Speed and torque output are dependent on the overall system efficiencies associated with the prime movers hydraulic system. This document should be used for information and comparative purposes only.