

PATRIOT

Technical Datasheet

26" LDP525CG

660.4 mm
Assembly #R10234
IADC 525



Application

PATRIOT series bits provide excellent steerability and high rates of penetration, even when weight on bit is limited. The bearing provides long, reliable performance in deep hole, long reach sections where high RPMs in motor applications are commonly encountered.

Product Specifications

Gage Inserts:	91
Total Inserts:	334
Heel Row:	SRT
Gage Row:	Conical
Inner Row:	Conical
Bearing Type:	Sealed Roller
Bearing Seal Type:	HSN O-Ring
Fluid Circulation:	3 Nozzles w/ Snap Rings and center jet
Nozzle Part No.:	10735
Center Jet Part No.:	10735
Pin Connection:	7 5/8 in API Regular

Operating Parameters

Rotary Speed:	For all rotary and motor applications
Flowrate Min-Max:	1040-1665 gpm (3.94-6.3 m ³ /min)
Max WOB:	100000 lbs (44482 daN)
Make-up Torque:	34000-60000 Ft-Lbs (46098-81349 Nm)

*Operating parameters shown are typical for the bit type specified. For recommendations on your specific application, contact your Varel Energy Solutions representative.

Features

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A combination of shirttail hardfacing and tungsten carbide inserts on the leg to provide protection to the bit and bearing.



**O-K BIT
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LINCO DRILLING PRODUCTS

