

# STRAIGHT FORWARD RELIABILITY

DESIGNED FOR STRAIGHT FORWARD AND RELIABLE OPERATION.

Four main bodies with few numbers of moving parts



Easy access to bolts and fittings

## DRIFTER YH100

Designed for safe and reliable operation

### + MAIN BENEFITS

**Durability:** Robust with a straight forward design; delivering the consistent performance associated with Ingersoll Rand rock drills

**Easy to operate:** Less complex with fewer parts and settings

**Intuitive service:** Intuitive to maintain and overhaul, requiring no custom designed tools



Installation instructions and retrofit support are available upon request.



Repair kit consisting of parts to be replaced during overhaul is available with quick delivery.



All spare parts and wear parts are available, with critical parts always in stock.

#### DIMENSIONS AND WEIGHT

Weight	250 kg (551 lb)
Length	1140 mm (45 inch)
Height	320 mm (12 inch)
Width	370 mm (14 inch)

#### IMPACT RATINGS

Impact power, max	23 kW (31 hp)
Input power to rock drill, max	140 kg/cm <sup>2</sup> (13.7 MPa)
Impact frequency	58 Hz (3480 bpm)
Drill pressure	200 bar (2900 psi)
Drill oil flow	120 l/min (4.2 cfm)

#### DRILLING PARAMETERS

Rod size	T51
Hole range	89 - 127 mm (3 1/2 - 5 inch)
Optimum hole dimension	102 mm (4 inch)

#### HOSE SIZES

Percussion hose	1 inch
Drain hose	1/2 inch
Rotation hoses	1/2 inch
Flushing hose	1 inch
Lubrication hose	3/8 inch
Percussion return hose	1 inch
Lubrication return hose	1/2 inch

#### FLUSHING FLOW AND PRESSURE

Flushing air or water mist, max	12 bar (174 psi)
Lubricating air consumption	6 l/s at 3 bar (12.7 cfm at 44 psi)

#### ROTATION RATINGS

	(09) 250 cc	(10) 315 cc
Rotation torque, max*	1522 Nm (1123 lbf-ft)	1935 Nm (1427 lbf-ft)
Rotation speed*	0 - 140 rpm	0 - 112 rpm
Rotation pressure	140 bar (2,030 psi)	140 bar (2,030 psi)
Oil consumption, max	75 l/min (2.6 cfm)	75 l/min (2.6 cfm)

\* at drill string

#### ACCUMULATOR CHARGE PRESSURE

Intake	80 bar (1160 psi)
Return	2 bar (29 psi)

#### SHANK ADAPTER

T51	90029089/437-11904,10
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#### OUTLINE DIMENSIONS

