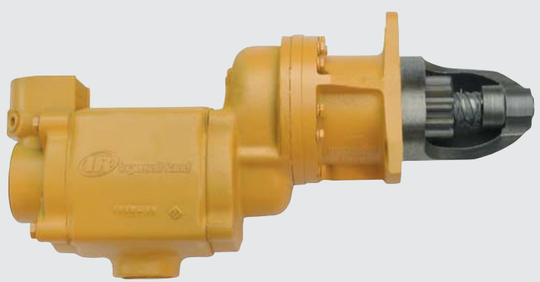
150BM Series



For engine displacement of:
Diesel–500 to 2000 CID (8 to 32 liters)
Carbureted–1000 to 4000
CID (16 to 64 liters)

GENUINE OEM APPROVED

Features/Benefits

- Powerful 32 hp motor
- The leading mid-range starter design, the standard by which all others are measured
- Simple design ensures rugged dependability and ease of maintenance
- Multiple offset gear ratios: E = 3.46:1; D = 3.94:1
- Backcap ports for injection lubricating

Versatile

- 150BMG sealed for use in air or gas applications
- Offset design for simple mounting
- Inertia and pre-engaged starters available
- 4 inlet, 4 exhaust, and 18 drive housing orientations
- 90-150 psi (6.2-10.3 bars) operation
- Left- and right-hand rotation available

Industry Applications:

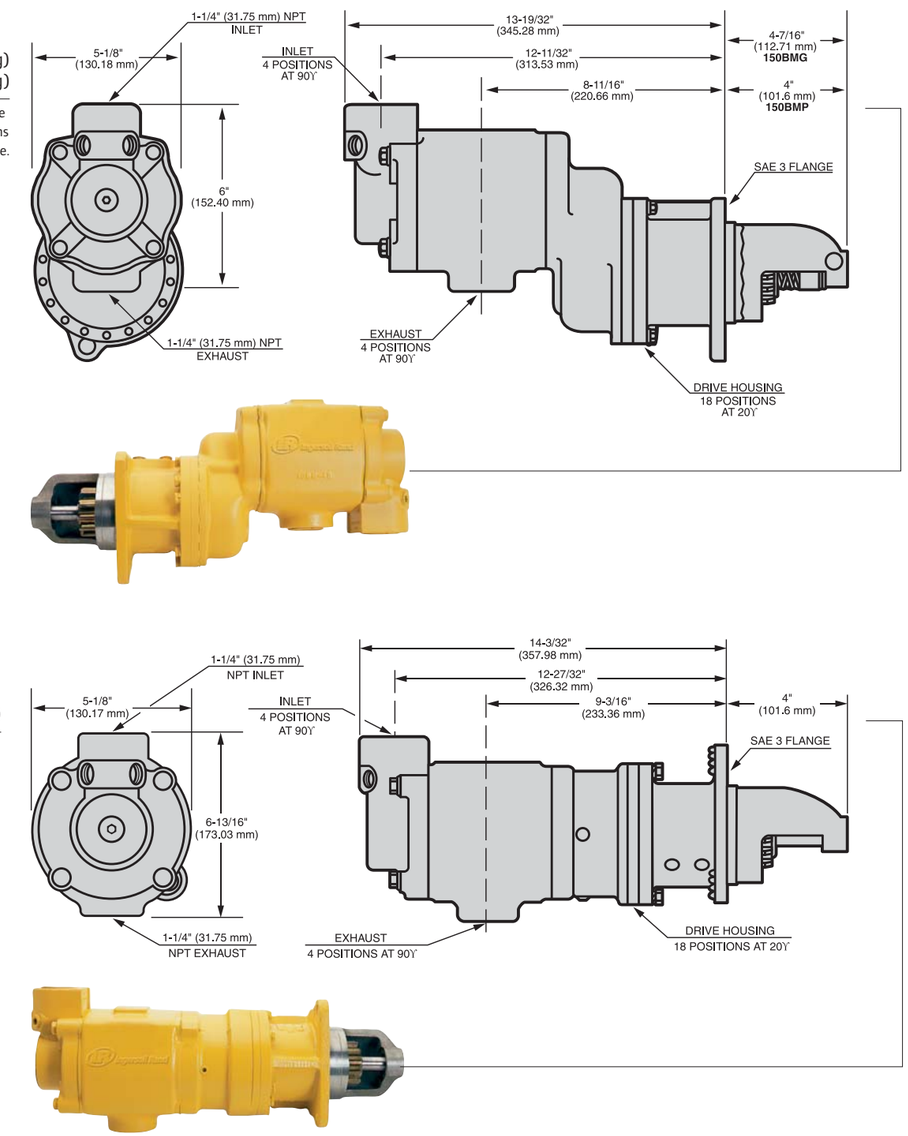
MARINE | OIL & GAS | OFF-HIGHWAY | TRANSPORTATION | POWER GENERATION



Dimensions

150BMG/150BMP
Weight:
150BMG 38 lbs (17.2 kg)
150BMP 40 lbs (18.1kg)

Note: All dimensions shown are for reference only. Specifications subject to change without notice.



150BMPD
Weight: 40 lbs (15.9 kg)

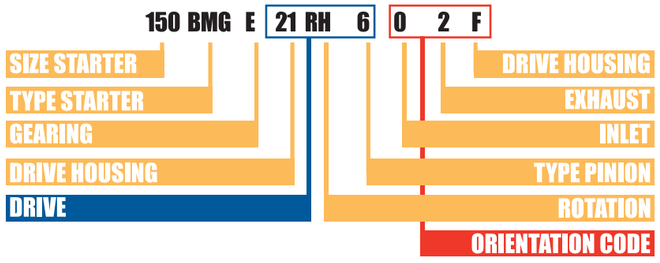
H1

Ingersoll Rand

Performance Information

Pressure PSI (bar)	Breakaway Torque ft-lb (Nm)	Speed @ Max HP RPM	Max Power HP (kw)	Flow @ Max HP SCFM (L/s)
150BMGE/150BMPE				
90 (6.2)	100 (136)	1700	16 (12)	380 (179)
120 (8.3)	130 (176)	1900	24 (18)	500 (236)
150 (10.3)	155 (210)	2200	32 (24)	680 (321)
150BMPD				
90 (6.2)	110 (149)	1500	16 (12)	370 (175)
120 (8.3)	145 (196)	1700	24 (18)	500 (236)
150 (10.3)	175 (237)	1900	32 (24)	650 (307)

Model Coding



Genuine Ingersoll Rand Replacement Kits

Tune Up Kit Part Number	Description
150BM-TK2	150BM Products
150LF-TK2	150LF Products (uses 150LF-42 vanes)
150LF-TK1	150 Motor Gasket Kit for all vane motor 150 products
150BMPD-TK1	150BMPD Products

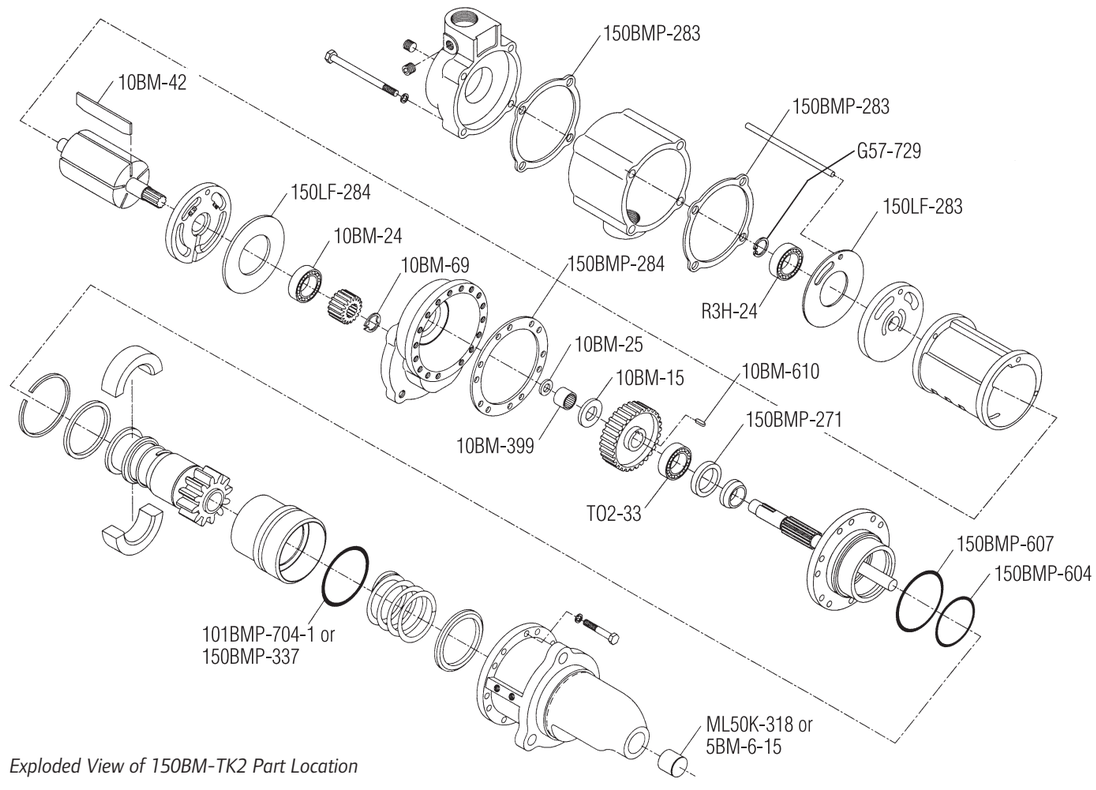
Parts



150LF-TK1 Parts



150BM-TK2 Parts

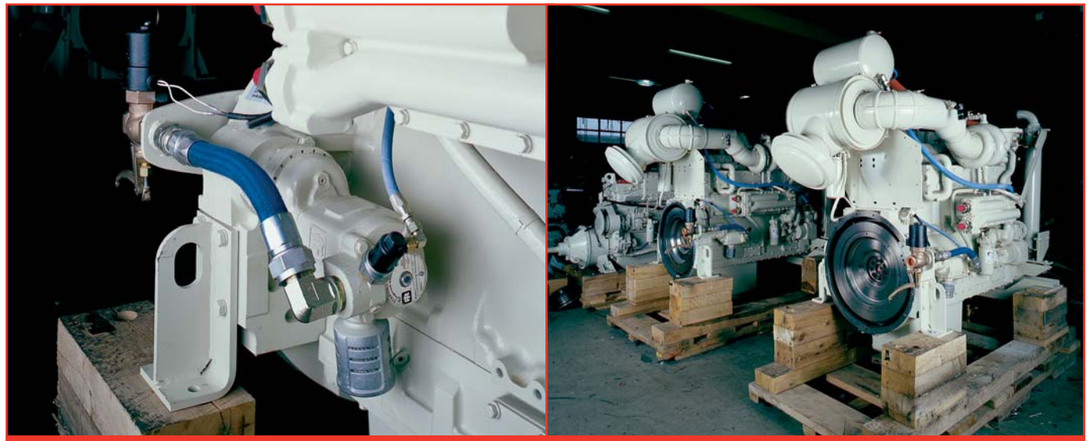


Exploded View of 150BM-TK2 Part Location

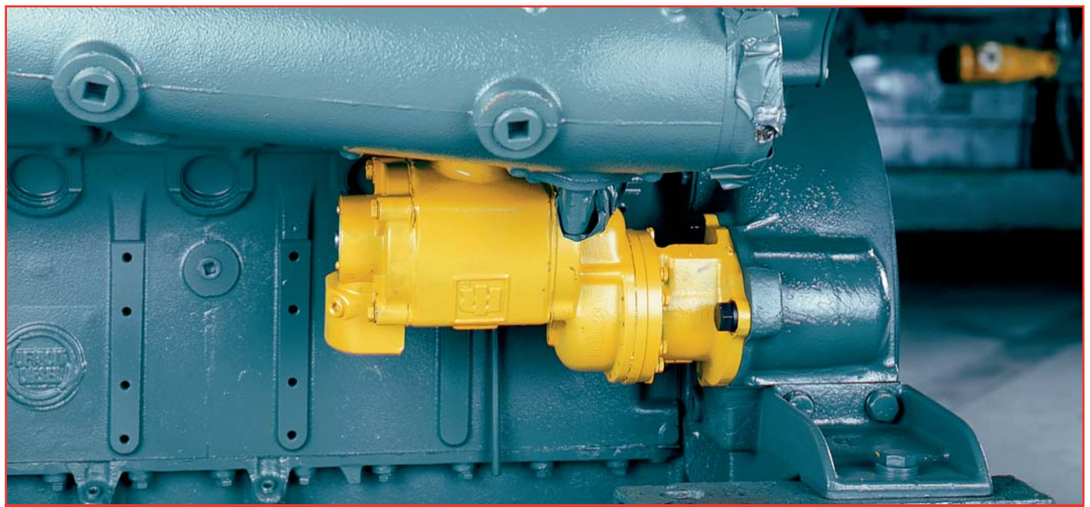
Parts and Accessories

	IR Part #	Description
	150BM-A674	1 1/4" Muffler
	150BMP-1051B	1/4" 12 V Solenoid Valve
	150BMP-2451B	1/4" 24 V Solenoid Valve
	NL-24-8	In-Line Lubricator
	HDL2 (Stationary)	3/8" NPT Lubricator (1.3 cc)
	HDL3 (Transportation)	3/8" NPT Lubricator (0.4 cc)
	SMB-G618	Gas Rated Push Button Valve
	SMB-618	Push Button Valve

	IR Part #	Description
	SRV125T	1-1/4" Relay Valve for Vehicular Applications
	SRV125	1-1/4" Relay Valve for Stationary Applications
	SRV150SS	1-1/2" Gas Rated Relay Valve
	150BMP-1058	Gladhand
	150BMP-1064	1/8", 150 psi Pressure Gauge
	ST1000-267-24	1-1/2" Stainless Steel Y Strainer
	ST1000-266-24	1-1/2" Element (40 Mesh)
	150BM-A735	Road Splash Deflector



The 150BMGE21RH-6 starters are shown mounted on a Cummins KTA14-M3 and KTA19-M4I.



IR's genuine 150BMGE21RH-6R remanufactured starter is shown mounted on a Detroit Diesel 12V-71R.