



INDO-AIR®
Compressors Pvt. Ltd.
UTILITY AIR SOLUTIONS



IBH SERIES -RECIPROCATING BOOSTER AIR COMPRESSORS



STANDARD EQUIPMENT

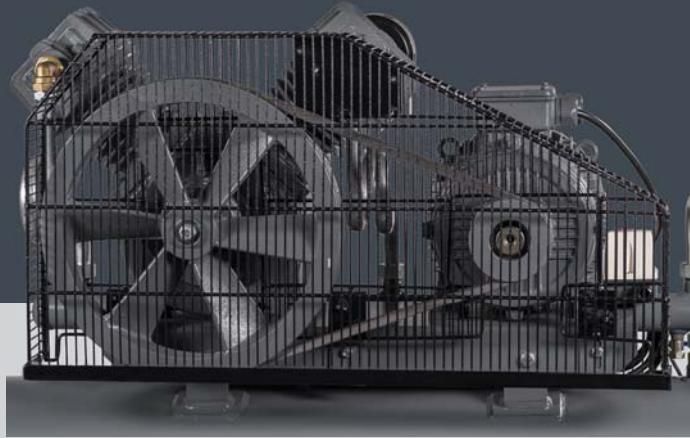
High quality components such as IP55 electric motors with the IE2 efficiency class, star-delta motor starter system, electrical as per the market requirements, durable compressor blocks are provided as standard in all our products.



RELIABILITY

INDO AIR pressurizes the air entering the compressor at 7-13 bar up to 40 bars with the IBH series booster compressors in its production range.

GENERAL FEATURES



MAIN MOTOR AND DRIVE SYSTEM

- High efficiency 415V/3 phase/50Hz IE2 IP55 electric motor
- Special loadless start system and automatic discharge system for loadless start



COMPRESSOR BLOCK

- Cast iron cylinder with cooling fins and special aluminium alloy cylinder heads
- Specially designed high-speed stainless steel concentric valves.
- Cast iron crankcases with high strength
- Dynamically-balanced cast steel crankshaft and counterweight
- Special alloy aluminium pistons and steel cast connecting rods
- Specially designed finger-type, high-capacity stainless steel suction-discharge valves
- Stainless steel suction-discharge valves, specially designed for high pressure strength





IBH SERIES Reciprocating Booster Air Compressors

INDO AIR pressurizes the air entering the compressor at 7-13 bar up to 40 bars with the IBH series booster compressors in its production range.

MAIN MOTOR AND DRIVE SYSTEM

- Belt-pulley drive system
- Specially designed fan type cast iron pulley
- Easy belt tensoning system

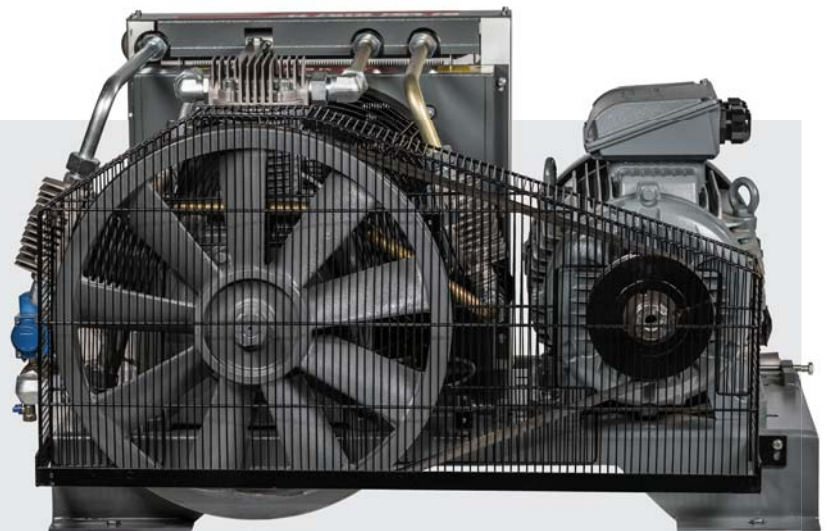


SAFETY SYSTEMS

- Intake air control system
- High pressure switch
- Manual discharge valve
- Integrated check valve on the air outlet line
- Belt pulley housing grill
- Outlet pressure manometer
- High pressure relief valve

OTHER FEATURES

- Automatic discharge system for loadless start
- Bearings with a long service life
- Outlet air cooling radiator
- Loaded-Unloaded operating options
- Air suction filter and silencer for unloaded operation
- Lubrication system with whisking rod
- Oil level gauge
- Special discharge system preventing oil leakage from blowdown valve





OPTIONS

- High pressure air dryer
- High pressure air receiver
- Air filtering system with oil trap
- Main motor with IE3 efficiency class



TECHNICAL DATA

MODEL	PRESSURE				SUCTION CAPACITY						MOTOR POWER kW/HP	AIR CONNECTION	DIMENSIONS mm			WEIGHT kg
	Minimum		Maximum		7 bar		10 bar		13 bar				Width	Length	Height	
	bar	PSI	bar	PSI	m ³ /min	SCFM	m ³ /min	SCFM	m ³ /min	SCFM						
IBH 10	15	218	40	580	1.78	63	2.48	87	3.11	110	7,5/10	1"	1256	825	753	268
IBH 15	15	218	40	580	2.11	74.5	2.89	102	3.66	129	11/15	1"	1256	825	753	285
IBH 20	15	218	40	580	3.14	111	4.35	153	5.53	195	15/20	1"	1357	820	758	300
IBH 25	15	218	40	580	4.15	147	5.72	202	7.27	257	18,5/25	1 1/4"	1423	874	736	345
IBH 30	15	218	40	580	4.74	167	6.52	230	8.27	292	22/30	1 1/4"	1423	881	736	390
IBH 40	15	218	40	580	5.65	200	7.95	275	9.92	350	30/40	1 1/4"	1423	972	736	426

* INDO AIR compressors reserves the right to make changes on its products without prior notice.



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