



GLOBAL FOOT PRINTS



Hexa Precision Industries

"House of Hydraulic Pumps, PTO's & Accessories"



YOU HAVE A QUERY CONTACT US

Address: Plot No. C-40, Industrial Focal Point, Channalon,
Kurali-140103 SAS Nagar (Near Chandigarh), Punjab, India.

Email: Info@hexaprecision.com

Website: www.hexaprecision.com

 **+91 70091 13548** 

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History

Hexa Precision was established in 2017 by a group of passionate professional to create a facility where innovative solutions could be manifested and executed. Team is highly experienced in providing complete solutions in the field of hydraulic tipping applications & power/torque transmitting products. Team Hexa is fully geared and equipped right from design, precision manufacturing and finally end-of-line testing in state-of-the-art facility where accuracy and precision is inculcated to each and every stakeholder in manufacturing and supply-chain. Hexa is continuing to expand its solutions, products, manufacturing capacity & capabilities to serve more and more customers not only in India but customers abroad as well.

Mission

To serve our customers with high quality, reliable and durable products and solutions in hydraulic tipping applications and power/torque transmission. By fostering a culture of continual improvement and no compromises on quality, we aim to set the new standard for efficiency, reliability and durability at a sustainable pace.

Vision

To provide our clients with the highest quality products that not only meet, but exceed their expectations. We aim to be leader in Tipping Hydraulics for providing "All Solutions Under One Roof". We strive to do so sustainably and ethically, with an empowered workforce and maximum efficient use of all materials. At Hexa, we believe that each of our products tell the story of our dedication to being the most reliable partner for everyone- for our clients and our teams.

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PTO SELECTION MATRIX

Gear Box Reference Matrix				
Sr.No	Gear Box Make	Gear Box Model	Reference Page No.	Reference Page
1		G1150	3 (AX1T1 Series)	3
		G950	4 (CX1T1 Series)	4
		G750	5 (GV0SM Series)	5
		G600		5
		GBS40	6 (DBOB) Series	6
2		G65-4 Speed	13 (TAC-4 Series)	13
		G65-5 Speed	14 (TAC-5 Series)	14
3		6S36/6S850	10 (DBOB Series)	10
		9S1110	11 (AX19S Series)	11
4		6209	12 (DBOB Series)	12
		6306		12
		10309		
5		G131	7 (AX131 Series)	7
		G131	8 (DBOB131 Series)	8
		G85	9 (DBOB Series)	9
6		RSB DOST	15 (ALD-5 Series)	15
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HIGH PERFORMANCE POWER TAKE-OFF

AX1T1

SERIES PTO'S ASSEMBLY
FITMENT TRANSMISSION

TATA

(G1150 Gear box)

TECHNICAL SPECIFICATION

PTO TYPE:

AX1T1 SERIES PTO'S ASSEMBLY
(SINGLE GEAR PTO'S)

OPERATING TYPE:

PNEUMATICS 6-8 BAR

MOUNTING TYPE:

REAR MOUNTING

SPEED RPM:

1000 RPM OUTPUT

TORQUE:

900 NM

WEIGHT:

9.7KG

RATIO:

1:1



PTO'S ITEM LIST

Name	Nos.	Name	Nos.
AX1T1 PTO'S Assembly	1	Quill Shaft with Bearing Assembly	1
Mounting Flange 4X4 hole	1	Interface Plate	1
Mounting Flange OP Plate	1	Studs Kit	1

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CX1T1

SERIES PTO'S ASSEMBLY
FITMENT TRANSMISSION

TATA

(G950 Gear box)

TECHNICAL SPECIFICATION

PTO TYPE:

CX1T1 SERIES PTO'S ASSEMBLY
(SINGLE GEAR PTO'S)

OPERATING TYPE:

PNEUMATICS 6-8 BAR

MOUNTING TYPE:

REAR MOUNTING

SPEED RPM:

1000 RPM OUTPUT

TORQUE:

900 NM

WEIGHT:

6.7KG

RATIO:

1:1

PTO'S ITEM LIST

Name	Nos.
• CX1T1 PTO'S Assembly	1
• Mounting Flange 4X4 hole	1
• Coupler Sleeve	1
• Studs Kit	1

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GVOSM

SERIES PTO'S ASSEMBLY
FITMENT TRANSMISSION

TATA G600, G750
(Helical/Spur)



TECHNICAL SPECIFICATION

PTO TYPE:

GVOSM SERIES PTO'S ASSEMBLY
(DOUBLE GEAR PTO'S)

OPERATING TYPE:

PNEUMATICS 6-8 BAR

MOUNTING TYPE:

REAR MOUNTING

SPEED RPM:

1040 RPM OUTPUT

TORQUE:

260 NM

WEIGHT:

10.5KG

RATIO:

1:1



PTO'S ITEM LIST

Name	Nos.
GVOSM PTO'S Assembly (Helical/Spur)	1
Studs Kit	1





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DBOB

SERIES PTO'S ASSEMBLY
FITMENT TRANSMISSION
TATA GBS-40

TECHNICAL SPECIFICATION

PTO TYPE:

DBOB SERIES PTO'S ASSEMBLY
(DOUBLE GEAR PTO'S)

OPERATING TYPE:

PNEUMATICS 6-8 BAR

MOUNTING TYPE:

REAR MOUNTING

SPEED RPM:

1500 RPM OUTPUT

TORQUE:

280 NM

WEIGHT:

8.5KG

RATIO:

1:1.32

PTO'S ITEM LIST

Name	Nos.
DBOB PTO'S Assembly	1
Mounting Flange 5x4 Hole.	1
Studs Kit	1



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AX131

**SERIES PTO'S ASSEMBLY
FITMENT TRANSMISSION**

BharatBenz-G131

TECHNICAL SPECIFICATION

PTO TYPE:

**AX131 SERIES PTO'S ASSEMBLY
(SINGLE GEAR PTO'S)**

OPERATING TYPE:

PNEUMATICS 6-8 BAR

MOUNTING TYPE:

REAR MOUNTING

SPEED RPM:

1460 RPM OUTPUT

TORQUE:

900 NM

WEIGHT:

10.5KG

RATIO:

1:1



PTO'S ITEM LIST

Name	Nos.
• Ax131 PTO'S Assembly with 8-H Flange.	1
• Quill Shaft Bearing Assembly	1
• Studs Kit	1

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DBOB131

**SERIES PTO'S LOOSE GEAR ASSEMBLY
FITMENT TRANSMISSION**

BharatBenz-G131

TECHNICAL SPECIFICATION

PTO TYPE:

DBOB131 SERIES PTO'S
LOOSE GEAR ASSEMBLY

OPERATING TYPE:

PNEUMATICS 6-8 BAR

MOUNTING TYPE:

REAR MOUNTING

SPEED RPM:

1460 RPM OUTPUT

TORQUE:

280 NM

WEIGHT:

12.5KG

RATIO:

1:1.32



PTO'S ITEM LIST

Name	Nos.
DBOB131 PTO'S Loose Gear Assembly With 8-H Flange.	1
Quill Shaft Bearing Assembly	1
Studs Kit	1

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DBOB

SERIES PTO'S LOOSE GEAR ASSEMBLY
FITMENT TRANSMISSION

BharatBenz-G85

TECHNICAL SPECIFICATION

PTO TYPE:

DBOB SERIES PTO'S LOOSE
GEAR ASSEMBLY

OPERATING TYPE:

PNEUMATICS 6-8 BAR

MOUNTING TYPE:

REAR MOUNTING

SPEED RPM:

1460 RPM OUTPUT

TORQUE:

260 NM

WEIGHT:

8.5KG

RATIO:

1:1.32

PTO'S ITEM LIST

Name	Nos.
Series PTO'S Loose Gear Assembly with 6-H Flange	1
Studs Kit	1





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DBOB

SERIES PTO'S ASSEMBLY FITMENT TRANSMISSION

ZF

**(6S36/6S850,
9S1110 Gear Box)**

TECHNICAL SPECIFICATION

PTO TYPE:

DBOB SERIES PTO'S ASSEMBLY
(DOUBLE GEAR PTO'S)

OPERATING TYPE:

PNEUMATICS 6-8 BAR

MOUNTING TYPE:

REAR MOUNTING

SPEED RPM:

1500 RPM OUTPUT

TORQUE:

280 NM

WEIGHT:

8.5KG

RATIO:

1:1.32



PTO'S ITEM LIST

Name	Nos.
DBOB PTO'S Assembly	1
Quill Shaft with Bearing Assembly	1
Studs Kit	1

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AX19S

SERIES PTO'S ASSEMBLY
FITMENT TRANSMISSION

ZF

(ZF-9S1110 Gear Box)



TECHNICAL SPECIFICATION

PTO TYPE:

AX19S SERIES PTO'S ASSEMBLY
(SINGLE GEAR PTO'S)

OPERATING TYPE:

PNEUMATICS 6-8 BAR

MOUNTING TYPE:

REAR MOUNTING

SPEED RPM:

1000 RPM OUTPUT

TORQUE:

900 NM

WEIGHT:

6.7KG

RATIO:

1:1



PTO'S ITEM LIST

Name	Nos.
AX19S PTO'S Assembly	1
Quill Shaft with Bearing Assembly	1
4 Hole flange with shims & Studs Kit	1

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DBOB

SERIES PTO'S ASSEMBLY
FITMENT TRANSMISSION

EATON

(6209, 6306 & 10309 Gear Box)

TECHNICAL SPECIFICATION

PTO TYPE:

DBOB SERIES PTO'S ASSEMBLY
(DOUBLE GEAR PTO'S)

OPERATING TYPE:

PNEUMATICS 6-8 BAR

MOUNTING TYPE:

REAR MOUNTING

SPEED RPM:

1500 RPM OUTPUT

TORQUE:

280 NM

WEIGHT:

10.5KG

RATIO:

1:1.32



PTO'S ITEM LIST

Name	Nos.
DBOB PTO'S Assembly with DC Flange	1
Studs Kit	1





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TAC-4

SERIES PTO'S ASSEMBLY WITH 5cc GEAR PUMP

FITMENT TRANSMISSION

TATA ACE - GOLD

(G-65 4 Speed Gear Box)



TECHNICAL SPECIFICATION

PTO TYPE:

TAC-4 SERIES PTO'S ASSEMBLY
WITH 5cc GEAR PUMP

OPERATING TYPE:

MECHANICAL PUSH-PULL TYPE

MOUNTING TYPE:

SIDE MOUNTING

SPEED RPM:

2000 RPM OUTPUT

TORQUE:

37 NM

WEIGHT:

4.5KG

RATIO:

1:4



PTO'S ITEM LIST

Name	Nos.
TAC 4 PTO'S Assembly with 5cc Gear Pump	1
Pull-Push Cable	1
Studs Kit	1

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TAC-5

SERIES PTO'S ASSEMBLY WITH 5cc GEAR PUMP

FITMENT TRANSMISSION

TATA ACE - INTRA

(G-65 5 Speed Gear Box)



TECHNICAL SPECIFICATION

PTO TYPE:

TAC-5 SERIES PTO'S ASSEMBLY
WITH 5 cc GEAR PUMP

OPERATING TYPE:

MECHANICAL PUSH-PULL TYPE

MOUNTING TYPE:

SIDE MOUNTING

SPEED RPM:

2000 RPM OUTPUT

TORQUE:

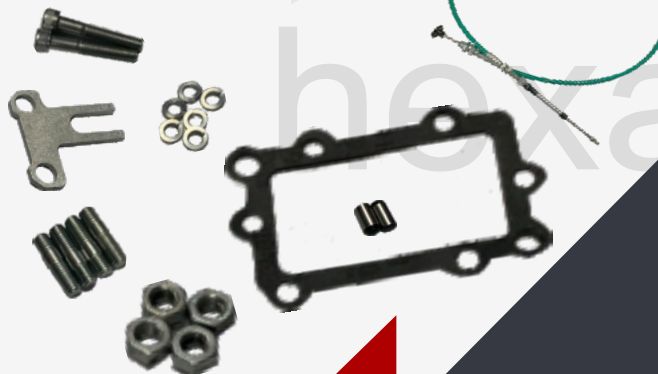
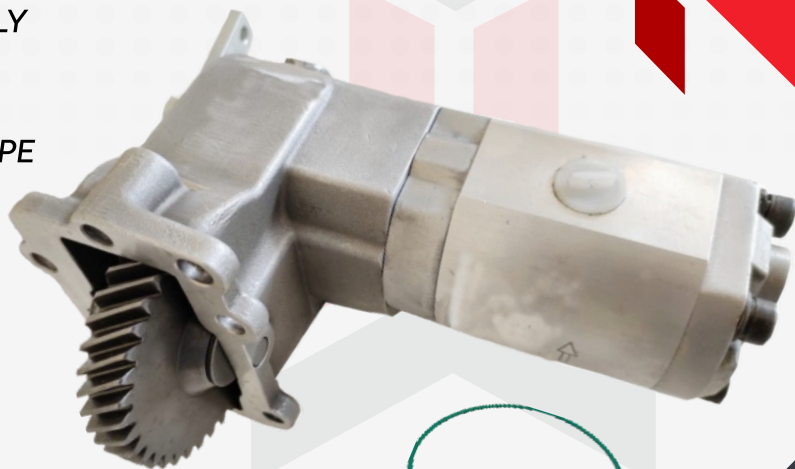
37 NM

WEIGHT:

5.6KG

RATIO:

1:4



PTO'S ITEM LIST

Name	Nos.
TAC 5 PTO'S Assembly with 5cc Gear Pump	1
Pull-Push Cable	1
Studs Kit	1

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ALD-5

SERIES PTO'S ASSEMBLY WITH
5cc/8cc GEAR PUMP
FITMENT TRANSMISSION

ASHOK LEYLAND-DOST

(RSB Gear Box)

TECHNICAL SPECIFICATION

PTO TYPE:

ALD-5 SERIES PTO'S ASSEMBLY
WITH 5cc GEAR PUMP

OPERATING TYPE:

MECHANICAL PUSH-PULL TYPE

MOUNTING TYPE:

SIDE MOUNTING

SPEED RPM:

600 RPM OUTPUT

TORQUE:

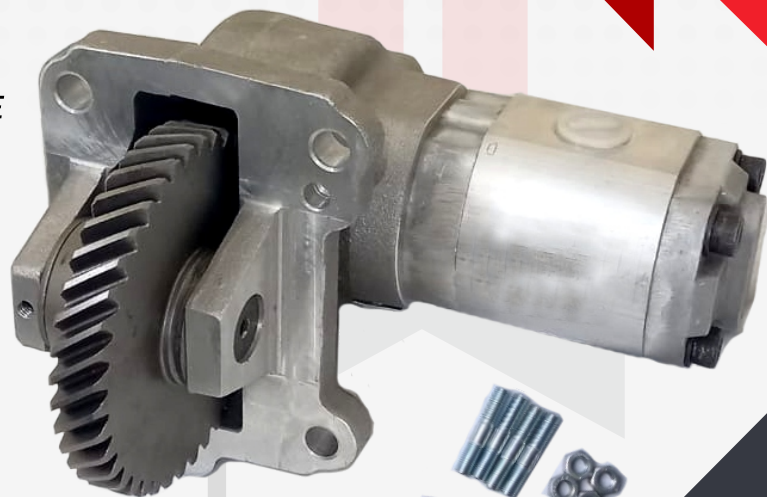
100 NM

WEIGHT:

5.5KG

RATIO:

1:74



PTO'S ITEM LIST

Name	Nos.
ALD-5 PTO'S Assembly with 5cc Gear Pump	1
Pull-Push Cable	1
Studs Kit	1



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HIGH PERFORMANCE COMPACT DESIGN



HX SERIES HYDRAULIC GEAR PUMP ISO 3-BOLT BI ROTATIONAL TYPE

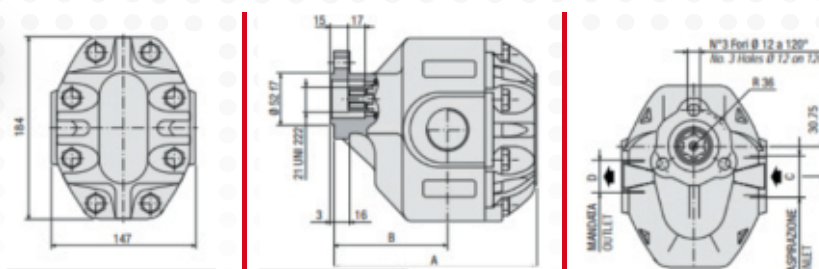
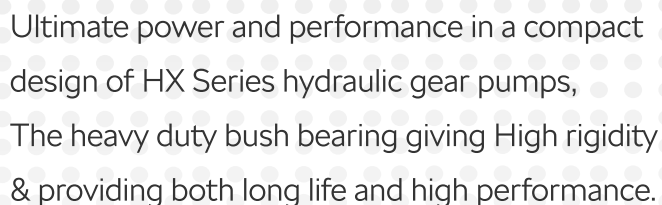
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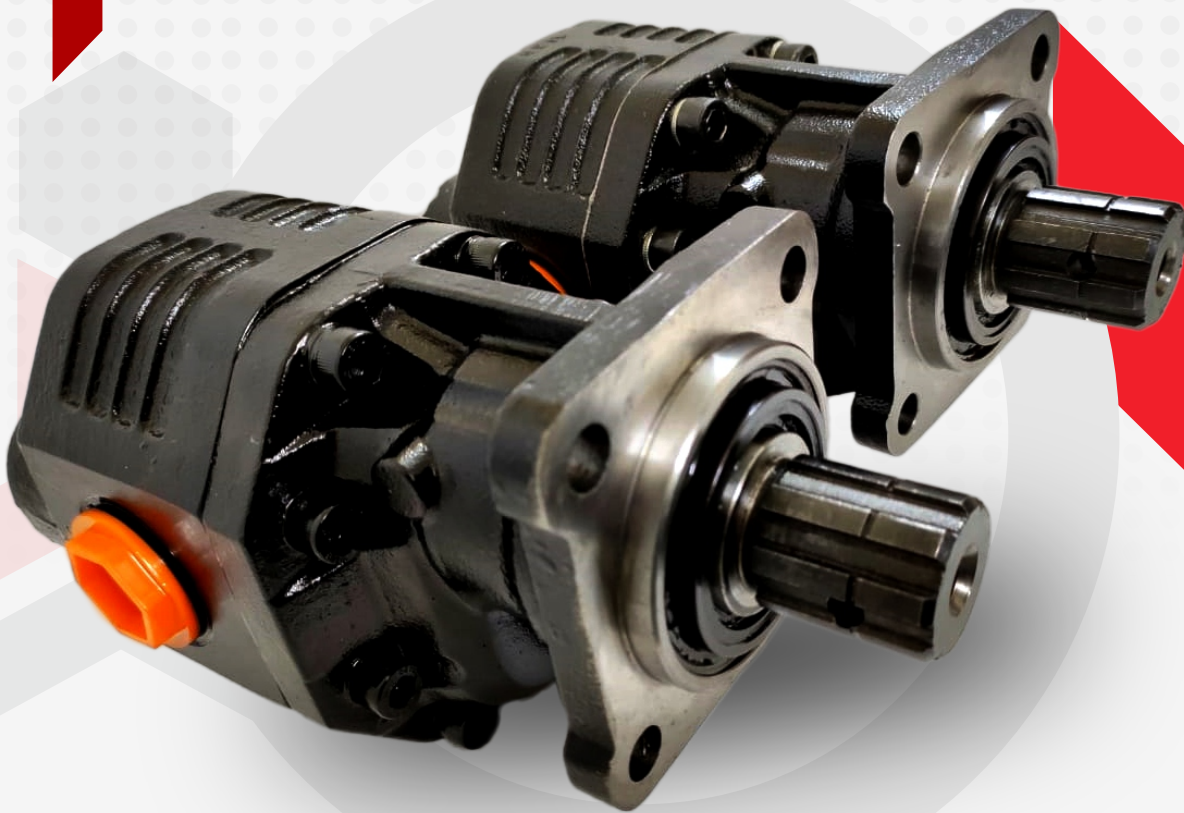
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HIGH PERFORMANCE COMPACT DESIGN



HX SERIES HYDRAULIC GEAR PUMP ISO 4-BOLT BI ROTATIONAL TYPE

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PG-18

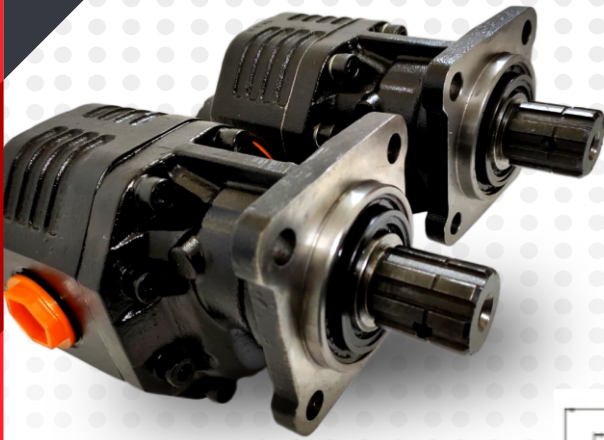


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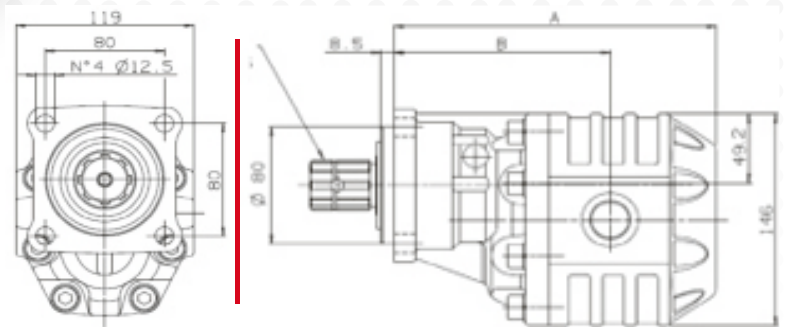


Output Option:

- Rear Port ● Side Port ● 4 Ports

Ultimate power and performance in a compact design of HX Series hydraulic gear pumps,

The heavy duty taper rollers bearing giving High rigidity & providing both long life and high performance.



KEY FEATURES

- 2 Standard sizes
- Compact design
- Pressure up to 250 bar
- Speed up to 2400 RPM
- Shaft DIN 5462 (8x32x36)
- Low noise level
- G1" BSP Ports
- Dowel pin design
- Maximum Efficiency
- Stringent Quality Testing

PUMP SPECIFICATIONS

Model	Mounting Flange	Displacement (cc)	RPM Min./ Max.	Continuous RPM	Max Working Pressure (BAR)	Ports Inlet/ Outlet	Inlet Vacuum (Bar)	Weight (KG)
HX4BP48	ISO 4-BOLT	48cc	600/2400	1500	190	G1" BSP	0.7- 3.0 bar	11.8 KG
HX4BP65	ISO 4- BOLT	65cc	600/2400	1500	190	G1" BSP	0.7-3.0 bar	14.5 KG
HX4BP82	ISO 4-BOLT	82cc	600/2400	2000	200	G1" BSP	0.7- 3.0 bar	16.5 KG
HX4BP90	ISO 4-BOLT	90cc	600/2400	2000	200	G1" BSP	0.7- 3.0 bar	17.3 KG

MODEL NUMBER CONSTRUCTION-HX1 4 48 2 BD

HX1	4	48	2	BD
Series Code	Mounting Flange	Displacement @1000RPM	2 - Side Ports 4 - Side & Rear (4-ports) 6 - Rear Port	Rotation Type BD - BI Directional

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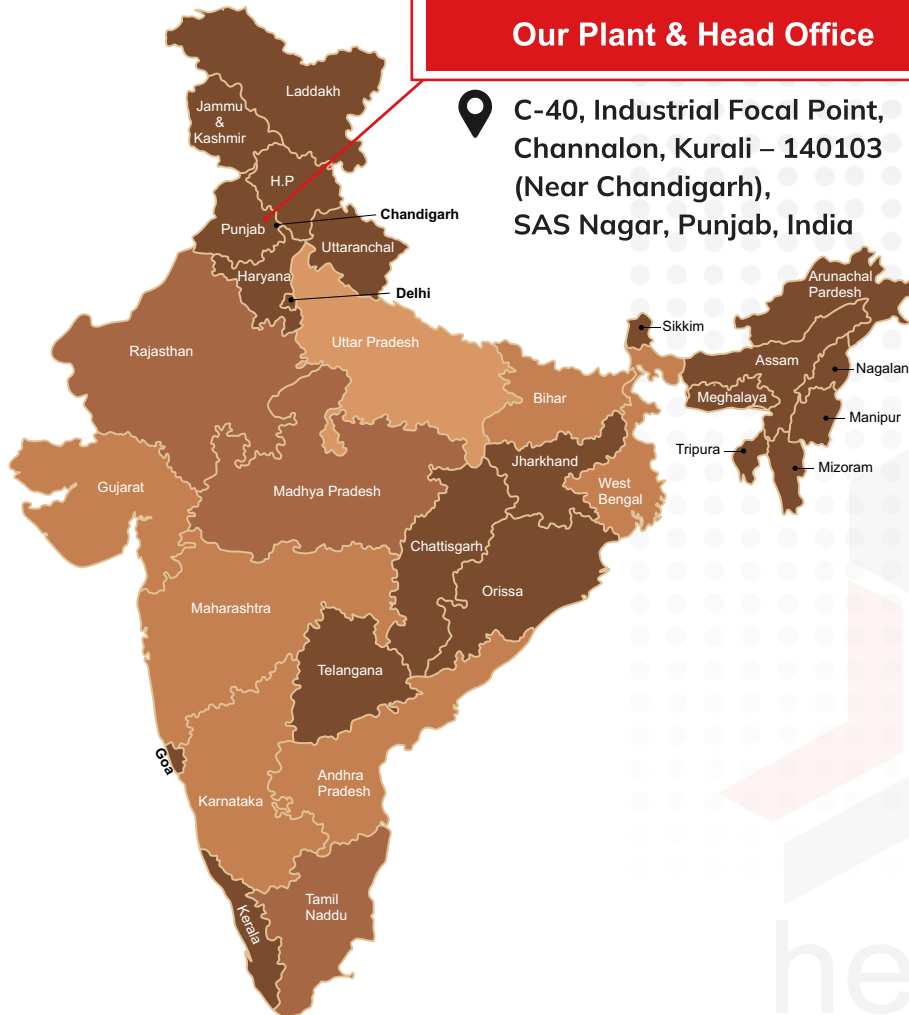
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Our Plant & Head Office



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Channalon, Kurali – 140103
(Near Chandigarh),
SAS Nagar, Punjab, India



Authorised Dealer



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MICRO, SMALL & MEDIUM ENTERPRISES

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