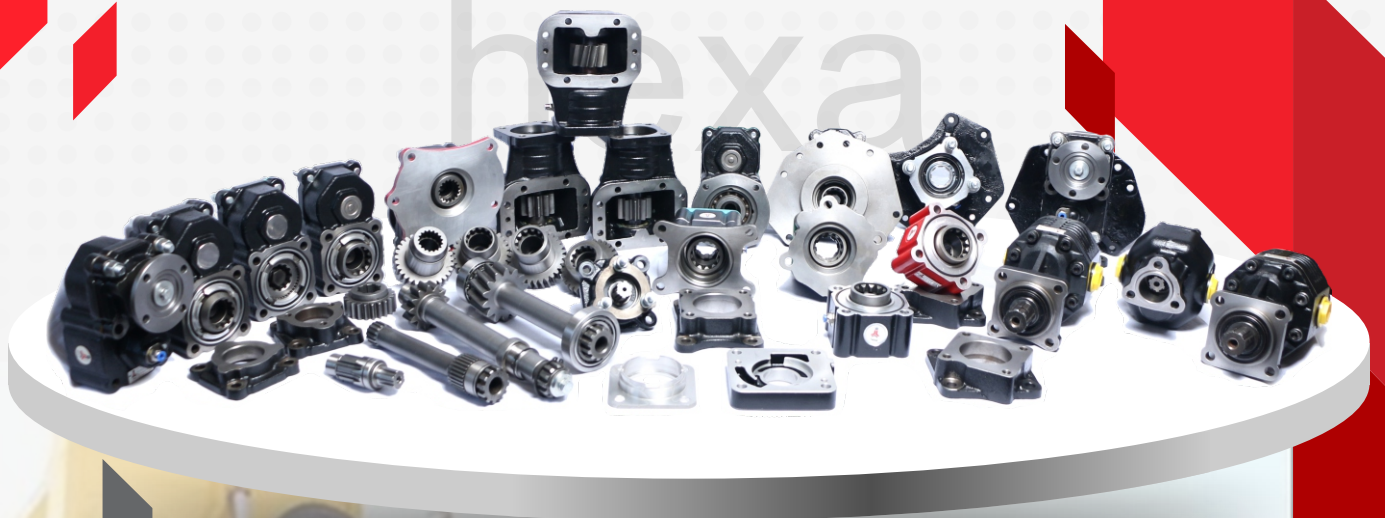




Hexa Precision Industries

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



YOU HAVE A QUERY CONTACT US

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SR.NO	PRODUCTS DISCRIPTION	PAGENO.
1	AX1T1 Series PTO's Assembly for TATA G1150 Gear Box	3
2	CX1T1 Series PTO'S Assembly for TATA G950 Gear Box.	4
3	GV0SM Series PTO'S Assembly for TATA G600, G750 Gear Box.	5
4	DBOB Series PTO'S Assembly for TATA GBS-40 Gear Box.	6
5	AX131 Series PTO'S Assembly for BharatBenz-G131 Gear Box.	7
6	DBOB131 Series PTO'S Loose Gear Assembly for BharatBenz-G131 Gear Box.	8
7	DBOB Series PTO'S Loose Gear Assembly for BharatBenz-G85 Gear Box.	9
8	DBOB Series PTO'S Assembly for ZF 6S36/6S850, 9S1110 Gear Box.	10
9	AX19S Series PTO'S Assembly for ZF 9S1110 Gear Box.	11
10	DBOB Series PTO'S Assembly for EATON 6209, 6306 & 10309 Gear box	12
11	TAC-4 Series PTO'S Assembly with 5cc Gear Pump for TATA Ace-Gold G-65 4 Speed Gear Box.	13
12	TAC-5 Series PTO'S Assembly with 5cc Gear Pump for TATA Ace-Intra G-65 5 Speed Gear Box.	14
13	ALD-5 Series PTO'S Assembly with 5cc Pump for Ashok Leyland-Dost RSB Gear Box.	15
14	HX Series Hydraulic Gear Pump ISO 3-Bolt BI-Rotational Type.	16-17
15	HX Series Hydraulic Gear Pump ISO 4-Bolt BI-Rotational Type.	18-19





Gear Box Reference Matrix

Sr.No	Gear Box Make	Gear Box Model	Reference Page No.	Reference Page
1	TATA	G1150	3 (AX1T1 Series)	18-19
		G950	4 (CX1T1 Series)	18-19
		G750	5 (GV0SM Series)	18-19
		G600		18-19
		GBS40	6 (DBOB) Series	16-17
2	TATA ACE	G65-4 Speed	13 (TAC-4 Series)	13
		G65-5 Speed	14 (TAC-5 Series)	14
3	ZF	6S36/6S850	10 (DBOB Series)	16-17
		9S1110	11 (AX19S Series)	18-19
4	EATON	6209	12 (DBOB Series)	16-17
		6306		18-19
		10309		
5	BharatBenz	G131	7 (AX131 Series)	16-17
		G131	8 (DBOB131 Series)	18-19
		G85	9 (DBOB Series)	18-19
6	Ashok Leyland	DOST	15 (ALD-5 Series)	15



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HIGH PERFORMANCE POWER TAKE-OFF

AX1T1

SERIES PTO'S ASSEMBLY FITMENT TRANSMISSION

TATA, ZF
(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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HIGH PERFORMANCE POWER TAKE-OFF

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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HIGH PERFORMANCE POWER TAKE-OFF

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:
1:2

PTO’S ITEM LIST

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



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HIGH PERFORMANCE POWER TAKE-OFF

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:

1:1.5

PTO’S ITEM LIST

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





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“House of Hydraulic Pumps, PTO’s & Accessories”

HIGH PERFORMANCE POWER TAKE-OFF

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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HIGH PERFORMANCE POWER TAKE-OFF

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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HIGH PERFORMANCE POWER TAKE-OFF

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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HIGH PERFORMANCE POWER TAKE-OFF

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:
1:1.5

PTO’S ITEM LIST

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





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HIGH PERFORMANCE POWER TAKE-OFF

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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“House of Hydraulic Pumps, PTO’s & Accessories”

HIGH PERFORMANCE POWER TAKE-OFF

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:

1:1.5

PTO'S ITEM LIST

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





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HIGH PERFORMANCE POWER TAKE-OFF

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:

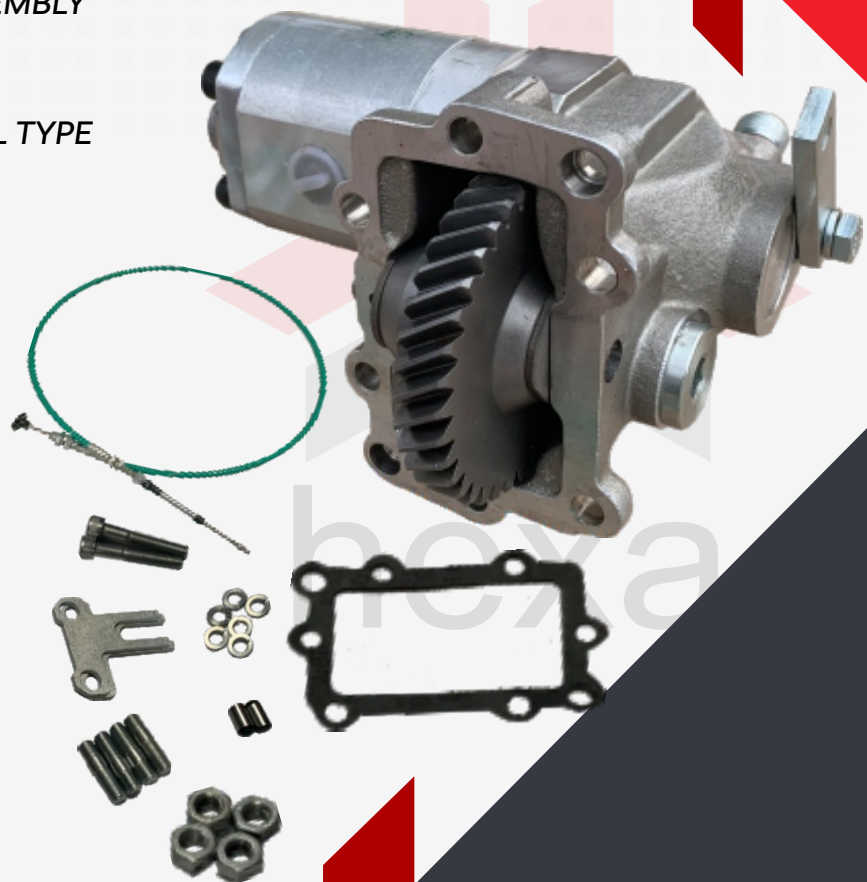
4.5KG

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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HIGH PERFORMANCE POWER TAKE-OFF

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:

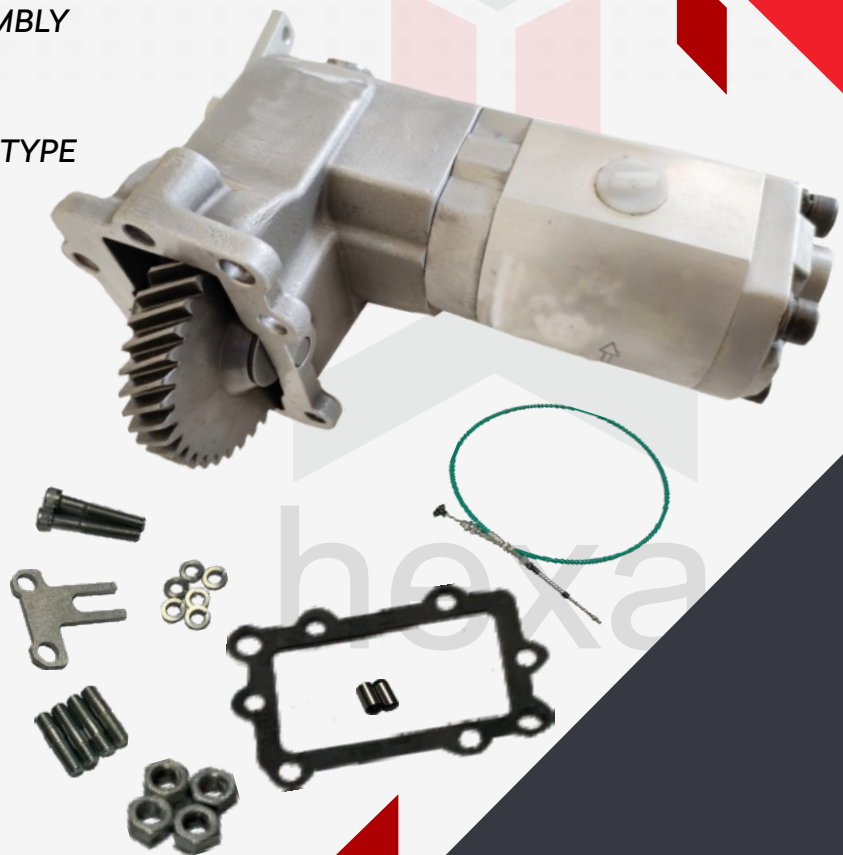
5.6KG

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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HIGH PERFORMANCE POWER TAKE-OFF

ALD-5

SERIES PTO'S ASSEMBLY WITH 5cc 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

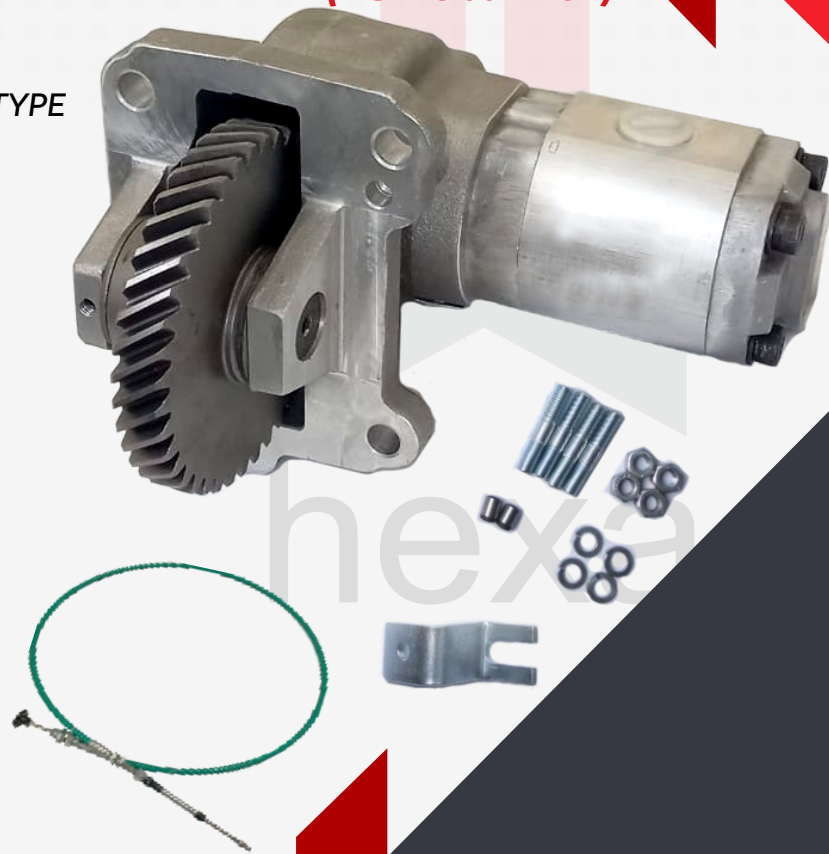
TORQUE:
100 NM

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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“House of Hydraulic Pumps, PTO’s & Accessories”

HIGH PERFORMANCE COMPACT DESIGN



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

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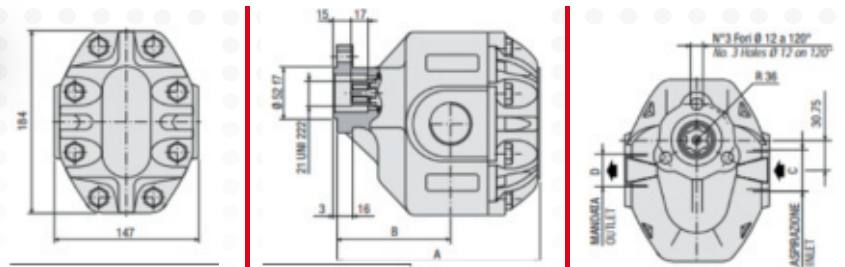


Hexa Precision Industries

“House of Hydraulic Pumps, PTO’s & Accessories”



Ultimate power and performance in a compact design of HX Series hydraulic gear pumps, The heavy duty bush 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 21 UNI 222 (5x21x25)
- 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)
HX3BP45	UNI 3-BOLT	45cc	600/2400	1500	190	G1" BSP	0.7- 3.0 bar	8.8 KG
HX3BP60	UNI 3-BOLT	60cc	600/2400	1500	190	G1" BSP	0.7- 3.0 bar	11.9 KG

MODEL NUMBER CONSTRUCTION - HXP453B1SB

HX	P45	3B	1	S	B
Series Code	Displacement @1000RPM	Mounting Flange	21 UNI 222 Spline (5X21X25)	S - Rear Port R - Rear Port	Rotation B - BI Rotational



House of Hydraulic Pumps, PTO's & Accessories

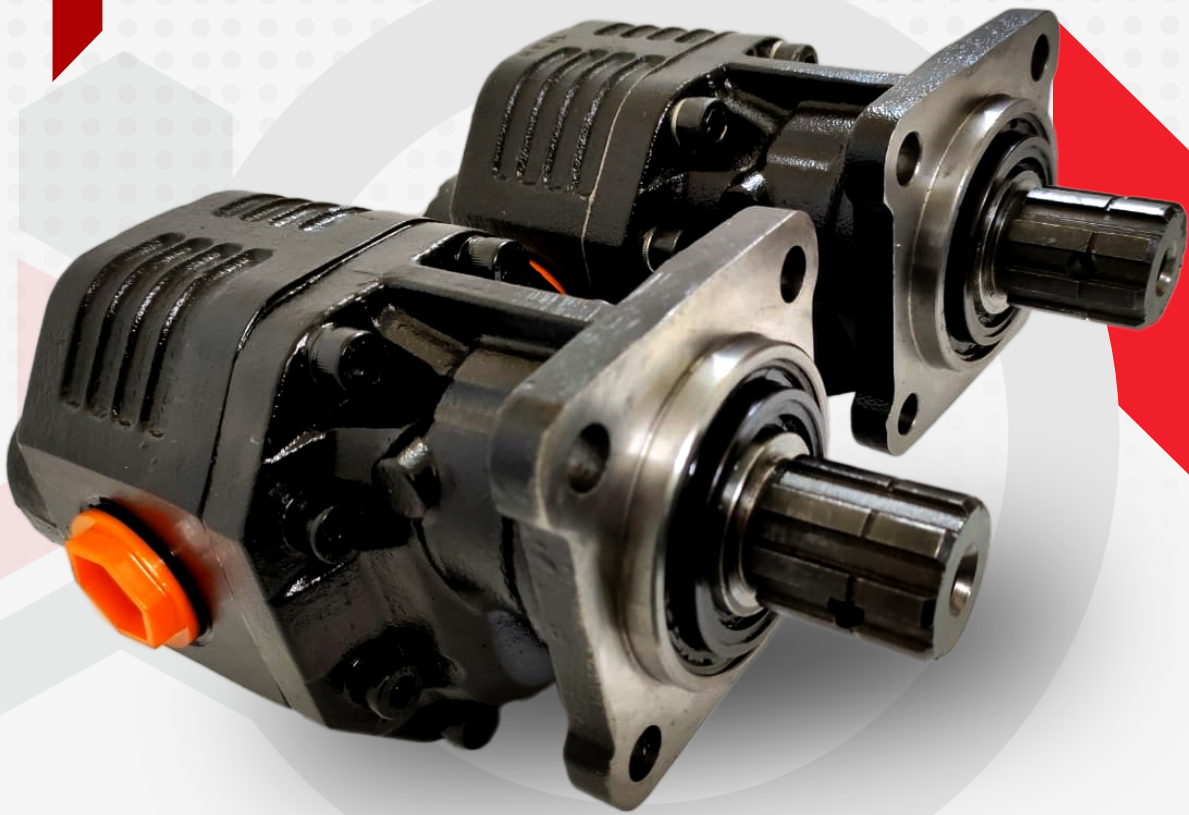
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“House of Hydraulic Pumps, PTO’s & Accessories”

HIGH PERFORMANCE COMPACT DESIGN



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

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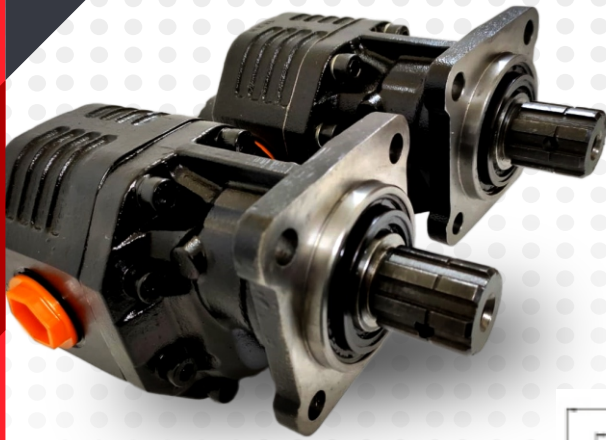
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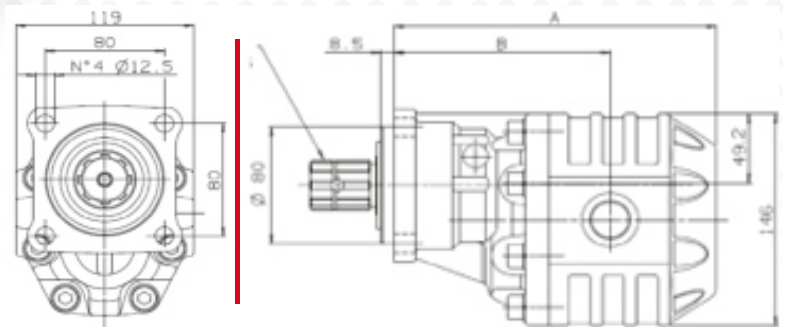


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“House of Hydraulic Pumps, PTO’s & Accessories”



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
HX4BP90	ISO 4-BOLT	90cc	600/2400	2000	200	G1” BSP	0.7- 3.0 bar	17.3 KG

MODEL NUMBER CONSTRUCTION - HXP484B1SB

HX	P48	4B	1	S	B
Series Code	Displacement @1000RPM	Mounting Flange	Shaft Type DIN 5462 (8X32X36)	S - Rear Port R - Rear Port	Rotation B - BI Rotational



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