PRODUCT DATA SHEET

PIUSI P3.5:1 PNEUMATIC PISTON PUMP F0021400A

F0021400A

FLUID COMPATIBILITY

Oil

Pneumatic piston pump for oil transfer, 21.5 L/min flow rate, 3.5:1 air pressure ratio. Built for workshop and plant room use where compressed air is available.

FEATURES

- Double Effect
- Low Operational Speed
- Durability
- Maintenance Free

BENEFITS

- 20% More Powerful Compared to the Market Standard
- Composite Material Body
- No Oxidation / Particles Proof
- Metal Free Diffuser

TECHNICAL SPECIFICATIONS

Flow Rate	21.5 L/min
Material	Die-cast steel body, technopolymer air motor
Drive	compressed air, 3.5:1 ratio
Application	oil transfer and dispensing
Seals	NBR

USE CASE & APPLICATION

- Workshop oil dispensing
- Plant room lubricant transfer
- Production facility oil handling
- Mobile service with portable compressor

P3.5:1

FEATURES

- DOUBLE EFFECT
- LOW OPERATIONAL SPEED
- DURABILITY
- MAINTENANCE FREE
- 20% MORE POWERFUL COMPARED TO THE MARKET STANDARD
- COMPOSITE MATERIAL BODY
- NO OXIDATION/PARTICLES PROOF
- METAL FREE DIFFUSER

The PIUSI P3.5:1 is an oil piston pump, suitable for transferring medium viscosity oil over short distances. It is manufactured using selected materials to ensure high performance and durability.

PERFORMANCE

UP TO 21,5 L/MIN	MID-HIGH
FLOW RATE	VISCOSITY
3-8 BAR	BELOW 77 DB
AIR PRESSURE	NOISE LEVEL*

PIUSI P3.5:1 ST

PIUSI P3.5:1 940

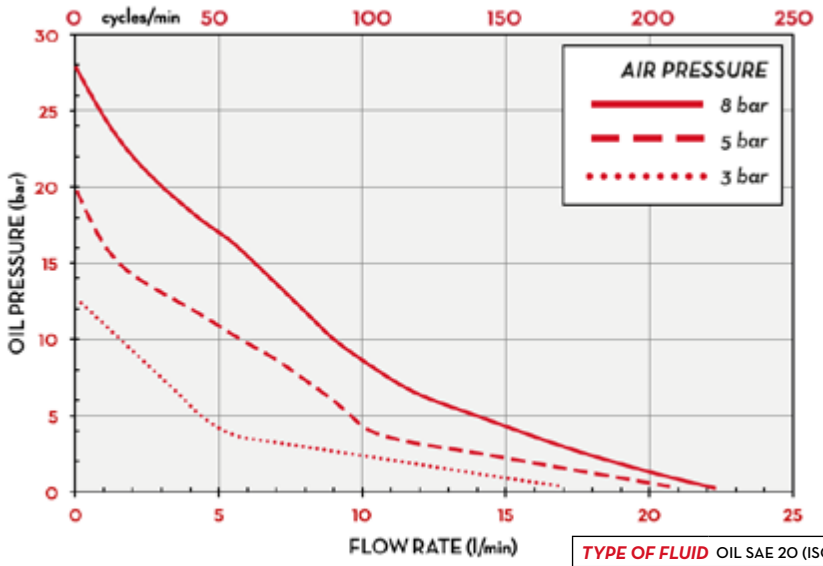
PACKAGING

CODE	WEIGHT		PACKAGING			
	KG	LBS	MM	INCH	PCS/PALLET	PCS/BOX
PIUSI 3.5 ST						
F0021400A	3,5	7,7	495X125X130	19,5X4,9X5,1	-	1
PIUSI 3.5 940						
F0021402A	5,5	12,1	1250X125X130	43,2X4,9X5,1	-	1

AIR | ANTIFREEZE | AdBlue® | BIODIESEL | DIESEL | FOOD | GASOLINE | GREASE | KEROSENE | OIL | WATER | WINDSCREEN

CHART

PIUSI P3.5:1



TYPE OF FLUID	OIL SAE 20 (ISO VG68)
TEMPERATURE	18 °C

IN THE BOX

- PIUSI P3.5:1 ST / 940 PUMP
- BANG ADAPTER
- INSTRUCTION MANUAL

DETAILS

BANG ADAPTER

HEAVY DUTY BODY

INDUSTRIAL DESIGN

PRESSURE REGULATOR

DIMENSIONS

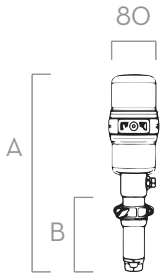
PIUSI P3.5:1 ST

MEASURE "A"	445MM
MEASURE "B"	175MM
WEIGHT	4,5KG

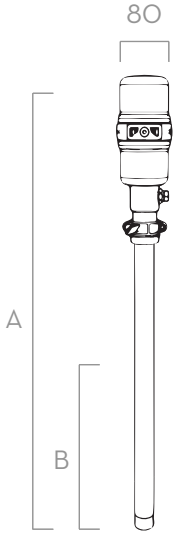
PIUSI P3.5:1 940

MEASURE "A"	1210MM
MEASURE "B"	940MM
WEIGHT	5,5KG

PIUSI P3.5:1 ST



PIUSI P3.5:1 940



Dimensions expressed in millimeters

MATERIALS

- AIR MOTOR: TECHNOPOLYMER
- BODY: DIE CAST STEEL
- SEAL: NBR

TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	FLOW RATE		COMPRESSION RATIO	WORKING PRESSURE		AIR CONSUMPTION	SUCTION PIPE		INLET	OIL SIDE CONNECTION		POLYURETHANE SEALS
			L/MIN	GPM		BAR	PSI	L/MIN	MM	LENGHT MM	BSP	SUCTION BSP	OUTLET BSP	BSP
PIUSI 3.5 ST														
F0021400A	PIUSI P3.5:1 ST	O	21,5	5,7	3.5:1	3-8	43,5-116	200-250	50	175	F.1/4"	F.1"	M.1/2"	YES
PIUSI 3.5 940														
F0021402A	PIUSI P3.5:1 940	O	21,5	5,7	3.5:1	3-8	43,5-116	200-250	50	940	F.1/4"	F.1"	M.1/2"	YES

*MEASURING MADE WITH PUMP ASSEMBLED OVER DRUM TAKEN FROM 1 METER DISTANCE WITHOUT ANY ENVIROMENTAL NOISES.