

BENEFIT OF COMPRESSOR SERIES PH, SH, CV, SV:

Our piston type compressors had been designed as a power stork type block except tip speed stork type which is common in Iran market. The benefit of this design is to utilize less dynamic stresses which are the main factor of life cycle of dynamic and rotary parts of reciprocating compressors by reducing HEARTZ stresses which cause waste pulsation forces on journal bearing.

By applying the most qualified mechanical, electrical, instruments parts of European supplies we gained the maximum performance and mechanical efficiency plus the minimum operating vibration in our series PH, SH, CV, SV

GASOLINE RECIPROCATING COMPRESSORS

- Capability to utilize in industrial and non-industrial environments.
- Distribution of compressed air in the central air system through the piping.
- Ability to create space between compressor and tank.
- Easy access to all parts for periodic service and maintenance of compressor.
- Application: Supplying all consumptions of compressed air in different user environments and also no need to electricity.
- Power transmission: Belt Coupling.
- Capacity: 250, 350, 500, 750, 1000, 1500, 2000, 3000 Lit/min.
- Capability to setting up start and manually.



(Technical Specifications of Reciprocating Air Compressors) cv : series

| WEIGHT (kg) | حجم مخزن (Tank Volume) Lt | سطح صدا (Noise Levels) Db(A) | منبع تغذیه برق (Electrical Supply) | | تعداد مراحل (Number of Stages) | تعداد سیلندرها (Number of cylinders) | توان الکتریکی موتور (Electric Motor Power) | | فشار کارکرد (Operating Pressure) Bar | ظرفیت (Capacity) Lt/min | outlet | ابعاد (Dimensions) mm | | | | | مدل (Model) |
|-------------|---------------------------|------------------------------|------------------------------------|-------------------|--------------------------------|--------------------------------------|--|-----|--------------------------------------|-------------------------|--------|-----------------------|------|------|-----|-----|------------------|
| | | | فرکانس (Frequency) Hz | ولتاژ (Voltage) V | | | hp | kw | | | | E | D | C | B | A | |
| | | | | | | | | | | | | | | | | | |
| 55 | 200 | 80 | 50 | 220 | 1 | 2 | 2 | 1.5 | 8 | 250 | 1/2" | 450 | 1000 | 1550 | 230 | 600 | TRY/P CV250-2 |
| 115 | 350 | 80 | 50 | 220/380 | 1 | 2 | 4 | 3 | 10-12 | 350 | 1/2" | 610 | 1050 | 1730 | 310 | 700 | TRY/P CV350-4 |
| 185 | 500 | 80 | 50 | 220/380 | 2 | 2 | 5.5 | 4 | 10-12 | 450 | 3/4" | 610 | 1240 | 1900 | 330 | 800 | TRY/P CV500-5,5 |
| 205 | 500 | 80 | 50 | 380 | 2 | 2 | 7.5 | 5.5 | 12 | 620-700 | 3/4" | 610 | 1240 | 1900 | 330 | 800 | TRY/P CV750-7,5 |
| 241 | 600-1000 | 80 | 50 | 380 | 2 | 2 | 10 | 7.5 | 12 | 850-940 | 1" | 710 | 1650 | 2100 | 400 | 850 | TRY/P CV1.000-10 |

Technical specification aluminum pump :max brag=12 Technical specification cast Iron pump :max brag=10

A: Length B: Wide of Chassis C: Height D: Height Till Valve E: Diameter of Tank

(Technical Specifications of Reciprocating Air Compressors) Series:PH

| ابعاد (Dimensions) mm | | | | | | حجم مخزن (Tank Volume) Lt | سطح صدا (Noise Levels) Db(A) | منبع تغذیه برق (Electrical Supply) | | تعداد مراحل (Number of Stages) | تعداد سیلندرها (Number of cylinders) | توان الکتریکی موتور (Electric Motor Power) | | فشار کارکرد (Operating Pressure) Bar | ظرفیت (Capacity) Lt/min | مدل (Model) |
|-----------------------|-----|-----|------|-----|------|---------------------------|------------------------------|------------------------------------|-------------------|--------------------------------|--------------------------------------|--|-----|--------------------------------------|-------------------------|-----------------|
| outlet | E | D | C | B | A | | | فرکانس (Frequency) Hz | ولتاژ (Voltage) V | | | hp | kw | | | |
| 1/2" | 410 | 345 | 730 | 410 | 670 | | | 80 | 80 | | | 50 | 220 | | | |
| 1/2" | 410 | 310 | 750 | 410 | 1030 | 120 | 80 | 50 | 220 | 1 | 1 | 1.5 | 1.1 | 8 | 100 | TRY/P PH150-1,5 |
| 1/2" | 490 | 330 | 840 | 450 | 1200 | 200 | 80 | 50 | 220 | 1 | 2 | 2 | 1.5 | 8 | 240 | TRY/P PH250-2 |
| 1/2" | 610 | 435 | 1050 | 510 | 1200 | 300 | 80 | 50 | 220/380 | 1 | 2 | 3 | 2.2 | 8 | 350 | TRY/P PH350-3 |

Technical specification aluminum pump :max brag =12 Technical specification cast Iron pump :max brag =10

A:Length B: Diameter of Tank C: Height D: Height Till Valve E: Wide

(Technical Specifications of Reciprocating Air Compressors) Series:SH

| Weight kg | ابعاد (Dimensions) mm | | | | | حجم مخزن (Tank Volume) Lt | سطح صدا (Noise Levels) Db(A) | منبع تغذیه برق (Electrical Supply) | | Outlet | تعداد مراحل (Number of Stages) | تعداد سیلندرها (Number of cylinders) | توان الکتریکی موتور (Electric Motor Power) | | فشار کارکرد (Operating Pressure) Bar | ظرفیت (Capacity) Lt/min | مدل (Model) |
|-----------|-----------------------|------|------|------|-----------------------|---------------------------|------------------------------|------------------------------------|------|--------|--------------------------------|--------------------------------------|--|---------|--------------------------------------|-------------------------|-------------|
| | D | C | B | A | فرکانس (Frequency) Hz | | | ولتاژ (Voltage) V | hp | | | | kw | | | | |
| | 165 | 440 | 1210 | 615 | 1700 | | | 500 | 80 | | | | 50 | 220/380 | | | |
| 197 | 440 | 1210 | 615 | 1700 | 600 | 80 | 60 | 380 | 3/4" | 2 | 2 | 7.5 | 6.6 | 12 | 620-700 | TRY/P SH750-7,5 | |
| 241 | 1550 | 2150 | 400 | 850 | 500-1000 | 80 | 50 | 380 | 1" | 2 | 2 | 10 | 7.5 | 12 | 800-940 | TRY/P SH1.00-10 | |

Technical specification aluminum pump :max brag =12 Technical specification cast Iron pump :max brag =10

A: Length B: Diameter of Tank C Height D: Height till Valve