

# PIXAIR®

## **Efficient and reliable fully cast iron compressors 10 and 15 bar - 1 to 10HP Vessel mounted versions**

With a **fully cast iron** compressor block (crankcase, cylinders, valve heads, valve seats), the PIXAIR® is designed for workshops and manufacturing plans **requiring intensive use**.

### **DESIGNED FOR LONG LIFE SERVICE**

The PIXAIR® conception is completely oriented for long life service with low maintenance requirements.

- Fully **cast iron** compressor block
- **Large cylinder heads valves** designed for low pressure drops
- **Low operating speed** (605 to 975 rpm)
- **IP55 motors** for better longevity, low energy consumption and protection from dust
- **Efficient air intake filters** for high quality air

### **LOW NOISE LEVEL**

Due to the low running speed, the PIXAIR® offers low noise levels as standard.



### **MAIN DATAS**

- Vessel mounted, belt driven units
- Full cast iron compressor blocks
- On/off regulation carried out through a pressure switch
- Displacement from 9,6 to 78 m<sup>3</sup>/h
- 10 or 15 bar units
- 1 to 10 HP motors
- Supply 230V/50Hz or 400V/50Hz
- DOL start or YD start
- Receivers from 60 to 500 liters

### **PIXAIR CAST IRON COMPRESSORS**

#### **READY TO START, HEAVY DUTY AND LONG SERVICE LIFE COMPRESSORS**



High efficiency encapsulated air intake filter ensure high quality air.



Large cooling fins for efficient cooling.



After cooler pipe with large fins for constant air outlet temperature.



Robust conception with big flywheel and steel belt guard for exceptional long service life.



IP 55 motor protection for long life and reliability in hard ambient conditions.



Star delta cubicle directly mounted on the unit for easy installation.



Easy maintenance with maximum access.



Drain tap easily accessible.

# PIXAIR® VESSEL MOUNTED UNITS



## TECHNICAL DATAS

| Description              | Supply   | Start | Power |      | Pressure | Vessel | Displ. | Speed | Nb of cylinders /stages | Noise level | Dimensions (incl. packing) |     |                   | Weight |
|--------------------------|----------|-------|-------|------|----------|--------|--------|-------|-------------------------|-------------|----------------------------|-----|-------------------|--------|
|                          |          |       | HP    | kW   |          |        |        |       |                         |             | Bar                        | l   | m <sup>3</sup> /h |        |
|                          |          |       |       |      |          |        |        |       |                         |             | mm                         | mm  | mm                | kg     |
| <b>10 bar units</b>      |          |       |       |      |          |        |        |       |                         |             |                            |     |                   |        |
| <b>PXR 160A MONO</b>     | 230/1/50 | DOL   | 1     | 0,75 | 10       | 60     | 9,6    | 840   | 1/1                     | 77          | 1130                       | 450 | 875               | 76     |
| <b>PXR 160A TRI DD</b>   | 400/3/50 | DOL   | 1     | 0,75 | 10       | 60     | 9,6    | 840   | 1/1                     | 77          | 1130                       | 450 | 875               | 76     |
| <b>PXR 2200A MONO</b>    | 230/1/50 | DOL   | 2     | 1,5  | 10       | 200    | 16,8   | 650   | 1/1                     | 77          | 1400                       | 620 | 1210              | 140    |
| <b>PXR 2200A TRI DD</b>  | 400/3/50 | DOL   | 2     | 1,5  | 10       | 200    | 16,8   | 650   | 1/1                     | 77          | 1400                       | 620 | 1210              | 140    |
| <b>PXR 3200A MONO</b>    | 230/1/50 | DOL   | 3     | 2,2  | 10       | 200    | 22,8   | 870   | 1/1                     | 77          | 1400                       | 620 | 1210              | 142    |
| <b>PXR 3200A TRI DD</b>  | 400/3/50 | DOL   | 3     | 2,2  | 10       | 200    | 22,8   | 870   | 1/1                     | 77          | 1400                       | 620 | 1210              | 142    |
| <b>PXR 4300A TRI DD</b>  | 400/3/50 | DOL   | 4     | 3    | 10       | 300    | 33     | 605   | 2/1                     | 78          | 1600                       | 620 | 1210              | 220    |
| <b>PXR 5300A TRI DD</b>  | 400/3/50 | DOL   | 5,5   | 4    | 10       | 300    | 42     | 840   | 2/1                     | 78          | 1600                       | 620 | 1210              | 230    |
| <b>PXR 5300A TRI YD</b>  | 400/3/50 | YD    | 5,5   | 4    | 10       | 300    | 42     | 840   | 2/1                     | 78          | 1600                       | 620 | 1210              | 233    |
| <b>PXR 5500A TRI DD</b>  | 400/3/50 | DOL   | 5,5   | 4    | 10       | 500    | 42     | 840   | 2/1                     | 78          | 1900                       | 720 | 1300              | 290    |
| <b>PXR 5500A TRI YD</b>  | 400/3/50 | YD    | 5,5   | 4    | 10       | 500    | 42     | 840   | 2/1                     | 78          | 1900                       | 720 | 1300              | 300    |
| <b>PXR 7500EA TRI DD</b> | 400/3/50 | DOL   | 7,5   | 5,5  | 10       | 500    | 49,8   | 975   | 2/2                     | 78          | 1900                       | 720 | 1300              | 330    |
| <b>PXR 7500EA TRI YD</b> | 400/3/50 | YD    | 7,5   | 5,5  | 10       | 500    | 49,8   | 975   | 2/2                     | 78          | 1900                       | 720 | 1300              | 335    |
| <b>PXR 7500A TRI DD</b>  | 400/3/50 | DOL   | 7,5   | 5,5  | 10       | 500    | 63     | 780   | 2/2                     | 78          | 1900                       | 720 | 1300              | 360    |
| <b>PXR 7500A TRI YD</b>  | 400/3/50 | YD    | 7,5   | 5,5  | 10       | 500    | 63     | 780   | 2/2                     | 78          | 1900                       | 720 | 1300              | 365    |
| <b>PXR 10500A TRI DD</b> | 400/3/50 | DOL   | 10    | 7,5  | 10       | 500    | 78     | 965   | 2/2                     | 78          | 1900                       | 720 | 1300              | 370    |
| <b>PXR 10500A TRI YD</b> | 400/3/50 | YD    | 10    | 7,5  | 10       | 500    | 78     | 965   | 2/2                     | 78          | 1900                       | 720 | 1300              | 375    |
| <b>15 bar units</b>      |          |       |       |      |          |        |        |       |                         |             |                            |     |                   |        |
| <b>PXR 3300B TRI DD</b>  | 400/3/50 | DOL   | 3     | 2,2  | 15       | 300    | 21     | 800   | 1/2                     | 77          | 1600                       | 620 | 1210              | 220    |
| <b>PXR 4300B TRI DD</b>  | 400/3/50 | DOL   | 4     | 3    | 15       | 300    | 25,8   | 640   | 1/2                     | 77          | 1600                       | 620 | 1210              | 228    |
| <b>PXR 5300EB TRI DD</b> | 400/3/50 | DOL   | 5,5   | 4    | 15       | 300    | 31,8   | 780   | 1/2                     | 77          | 1600                       | 620 | 1210              | 237    |
| <b>PXR 5300B TRI DD</b>  | 400/3/50 | DOL   | 5,5   | 4    | 15       | 300    | 34,2   | 680   | 2/2                     | 78          | 1600                       | 620 | 1210              | 264    |
| <b>PXR 5300B TRI YD</b>  | 400/3/50 | YD    | 5,5   | 4    | 15       | 300    | 34,2   | 680   | 2/2                     | 78          | 1600                       | 620 | 1210              | 270    |
| <b>PXR 7500EB TRI DD</b> | 400/3/50 | DOL   | 7,5   | 5,5  | 15       | 450    | 48     | 965   | 2/2                     | 78          | 1900                       | 720 | 1300              | 420    |
| <b>PXR 7500EB TRI YD</b> | 400/3/50 | YD    | 7,5   | 5,5  | 15       | 450    | 48     | 965   | 2/2                     | 78          | 1900                       | 720 | 1300              | 425    |
| <b>PXR 7500B TRI DD</b>  | 400/3/50 | DOL   | 7,5   | 5,5  | 15       | 450    | 56,1   | 700   | 2/2                     | 78          | 1900                       | 720 | 1300              | 445    |
| <b>PXR 7500B TRI YD</b>  | 400/3/50 | YD    | 7,5   | 5,5  | 15       | 450    | 56,1   | 700   | 2/2                     | 78          | 1900                       | 720 | 1300              | 450    |
| <b>PXR 10500B TRI DD</b> | 400/3/50 | DOL   | 10    | 7,5  | 15       | 450    | 66     | 750   | 2/2                     | 78          | 1900                       | 720 | 1300              | 452    |
| <b>PXR 10500B TRI YD</b> | 400/3/50 | YD    | 10    | 7,5  | 15       | 450    | 66     | 750   | 2/2                     | 78          | 1900                       | 720 | 1300              | 457    |

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