

# TECHNICAL DATA

## TS260V Series - 350 HP 60 Hz Horsepower Rated

| MODEL  | TS26007V | TS26008V | TS26009V | TS26010V | TS26014V |
|--|----------|----------|----------|----------|----------|
| <b><u>Compressor Performance*</u></b>                  |          |          |          |          |          |
| Full Load Pressure - psig                              | 100      | 110      | 125      | 150      | 200      |
| Capacity at Full Load Pressure - acfm                  | 2033     | 1923     | 1854     | 1679     | 1457     |
| Power at Full Load Pressure - bhp                      | 400.6    | 395.2    | 396.3    | 391.4    | 394.2    |
| Package kW Air-cooled                                  | 327.9    | 323.4    | 324.5    | 320.4    | 322.9    |
| Package kW Water-cooled                                | 320.6    | 316.1    | 317.2    | 313.1    | 315.6    |
| Gear Ratio   | 0.743    | 0.743    | 0.743    | 0.639    | 0.539    |
| <b><u>Cooling Data</u></b>                             |          |          |          |          |          |
| Fluid Flow - gpm                                       | 90       | 89       | 91       | 90       | 91       |
| Heat Rejection - Fluid Clr. BTU/min.                   | 14146    | 13947    | 14265    | 14098    | 14214    |
| Heat Rejection - Aft. Clr. BTU/min.                    | 3129     | 2991     | 2855     | 2612     | 2266     |
| <b><u>Water-Cooled Series Flow (w/aftercooler)</u></b> |          |          |          |          |          |
| Flow at 80°F Water in - gpm                            | 98       | 98       | 98       | 98       | 98       |
| Pipe connection NPT In/Out - in.                       | 2 / 2    | 2 / 2    | 2 / 2    | 2 / 2    | 2 / 2    |
| Max./Min. Water Pressure - psig                        | 75/25    | 75/25    | 75/25    | 75/25    | 75/25    |
| Water Outlet Temperature F°                            | 103      | 102      | 101      | 100      | 93       |
| <b><u>Cooling Air Flows</u></b>                        |          |          |          |          |          |
| Air Flow Water-cooled Fan w/encl. - cfm                | 4800     | 4800     | 4800     | 4800     | 4800     |
| Water-cooled Vent Fan - hp                             | 0.75     | 0.75     | 0.75     | 0.75     | 0.75     |
| Air Flow Air-cooled Fan - cfm                          | 27000    | 27000    | 27000    | 27000    | 27000    |
| Air-cooled Fan Motor-hp                                | 5.0 x 2  | 5.0 x 2  | 5.0 x 2  | 5.0 x 2  | 5.0 x 2  |
| Air-cooled Fan Motor Nominal Efficiency - %            | 89.5     | 89.5     | 89.5     | 89.5     | 89.5     |
| Standard Fan Water Column - in                         | 1/8      | 1/8      | 1/8      | 1/8      | 1/8      |
| Optional High Static Fan Water Column - in             | 3/4      | 3/4      | 3/4      | 3/4      | 3/4      |
| <b><u>Air/Fluid Housing</u></b>                        |          |          |          |          |          |
| Fluid Fill Capacity - U.S. Gal.                        | 34       | 34       | 34       | 34       | 24       |
| Volume - Cubic Feet Air (U.S. Gal.)                    | 137      | 137      | 137      | 137      | 90       |
| Rated Pressure - psig                                  | 185      | 185      | 185      | 185      | 235      |
| <b><u>dba Ratings at 1 Meter (Typical)</u></b>         |          |          |          |          |          |
| Air-cooled w/o enclosure                               | TBD      | TBD      | TBD      | TBD      | TBD      |
| Water-cooled w/o enclosure                             | TBD      | TBD      | TBD      | TBD      | TBD      |
| Air-cooled w/enclosure                                 | 78       | 78       | 78       | 78       | 78       |
| Water-cooled w/enclosure                               | 76       | 76       | 76       | 76       | 76       |

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## Filter Rating

|                          |                                |
|--------------------------|--------------------------------|
| Inlet Air                | 99.99% Efficiency per ISO 5011 |
| Main Lubricant Flow Beta | Beta 20 > 200 Per ISO 16889    |

## Dimensions & Weights w/o Enclosure - Uncrated

|                                     |       |       |       |       |       |
|-------------------------------------|-------|-------|-------|-------|-------|
| Length - in.                        | 139   | 139   | 139   | 139   | 139   |
| Width - in.                         | 82    | 82    | 82    | 82    | 82    |
| Height - in.                        | 91    | 91    | 91    | 91    | 91    |
| Weight - lbs. - Air-Cooled          | 13135 | 13135 | 13135 | 13135 | 11935 |
| Weight - lbs. - Water-Cooled        | 13049 | 13049 | 13049 | 13049 | 11849 |
| Discharge Connection - Flanged      | 4"    | 4"    | 4"    | 4"    | 4"    |
| Moisture Drain Connection - in. NPT | 1/2   | 1/2   | 1/2   | 1/2   | 1/2   |

## Dimensions & Weights w/Enclosure - Uncrated

|                                     |       |       |       |       |       |
|-------------------------------------|-------|-------|-------|-------|-------|
| Length - in.                        | 141   | 141   | 141   | 141   | 141   |
| Width - in.                         | 82    | 82    | 82    | 82    | 82    |
| Height - in.                        | 92    | 92    | 92    | 92    | 92    |
| Weight - lbs. - Air-Cooled          | 14072 | 14072 | 14072 | 14072 | 12872 |
| Weight - lbs. - Water-Cooled        | 14118 | 14118 | 14118 | 14118 | 12918 |
| Discharge Connection - Flanged      | 4"    | 4"    | 4"    | 4"    | 4"    |
| Moisture Drain Connection - in. NPT | 1/2   | 1/2   | 1/2   | 1/2   | 1/2   |

| Electrical Data (Typical across all models) | 460V      | 575V      | 380V      |
|---|-----------|-----------|-----------|
| Motor HP                                    | 350       | 350       | 350       |
| Motor Nominal Efficiency                    | 96.2%     | 96.2%     | 96.2%     |
| Nominal RPM                                 | 1788      | 1788      | 1788      |
| Frame Size                                  | L447/9TSC | L447/9TSC | L447/9TSC |
| Service Factor                              | 1.20      | 1.20      | 1.20      |
| Nameplate Amps                              | 419       | 335       | 507       |
| Locked Rotor Amps - Max.                    | 4400      | 3518      | 5324      |
| Starter Enclosure Rating                    | N/A       | N/A       | N/A       |
| Starter Size Amp Rating                     | N/A       | N/A       | N/A       |
| Variable Speed Drive Enclosure Rating       | NEMA 12   | NEMA 12   | NEMA 12   |
| Variable Speed Drive Amp Rating             | 568       | 472       | 675       |
| Fan Nameplate Amps (Air Cooled)             | 6.49 x 2  | 5.2 x 2   | 7.9 x 2   |
| Package Amps (Air Cooled)                   | 490       | 392       | 594       |

\* Capacity per CAGI/PNEUROP PN2CPTC2 (Annex C to ISO 1217)

\*\*Data is based upon 80°F & 80% R.H. Ambient Conditions

NOTE: Data subject to change without notice

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