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## Data Sheet: 4FE-35Y

- [Leaflet: KP-090](#) (50Hz / SI)
- [Leaflet: KP-104](#) (50Hz / SI)
- [Manufacturers Declaration // Decl. of Conformity // Decl. of Incorporation: KC-001](#)
- [Manufacturers Declaration // Decl. of Conformity // Decl. of Incorporation: KC-104](#)

Technical Information:

[KT-101](#) [KT-122](#) [KT-150](#) [KT-151](#) [KT-170](#) [KT-180](#) [KT-400](#) [KT-410](#) [KT-420](#) [KT-500](#) [KT-510](#)  
[KT-600](#) [KT-601](#) [KT-602](#) [KT-620](#) [KT-630](#) [KT-651](#) [KT-660](#) • [Download CAD drawing](#)

- [Maintenance Instruction: KW-100](#)

## Technical Data

	SI	IP
<b>Motor version</b>	1	1
<b>Displacement (1450 RPM 50Hz)</b>	101.8 m <sup>3</sup> /h	3595.1 CFH
<b>Displacement (1750 RPM 60Hz)</b>	122.9 m <sup>3</sup> /h	4340.2 CFH
<b>No. of cylinder x bore x stroke</b>	4 x 82 mm x 55 mm	4 x 3.22 inch x 2.16 inch
<b>Motor code</b>	40P	2NU
<b>Motor voltage (more on request)</b>	380..420V YY/3/50Hz	440..480V YY/3/60Hz
<b>Selection current for 70 Hz FI operation</b>	46.6A	46.6A
<b>Max operating current</b>	62.1A (Y)	62.1A (Y)
<b>Maximum power consumption</b>	35 kW	35 kW
<b>Winding ratio</b>	50% / 50%	50% / 50%
<b>Starting current (Rotor locked)</b>		
<b>Enclosure class</b>	<input checked="" type="checkbox"/> IP54 <input type="checkbox"/> IP66	<input checked="" type="checkbox"/> IP54 <input type="checkbox"/> IP66

<b>Weight</b>	207 kg	456 lb
<b>Maximum pressure (LP/HP)</b>	19 / 32 bar	275 / 464 psi
<b>Connection suction line</b>	54 mm	2 1/8"
<b>Connection discharge line</b>	28 mm	1 1/8"
<b>Oil charge</b>	4.50 dm <sup>3</sup>	158.4 fl oz
<b>Crankcase heater</b>	<input type="checkbox"/> 140 W	<input type="checkbox"/> 140 W
<b>Oil type R134a // R407A/C/F // R404A // R507A</b>	<input type="checkbox"/> t <sub>c</sub> <55°C: BSE32 <input type="checkbox"/> t <sub>c</sub> >55°C: BSE55	<input type="checkbox"/> t <sub>c</sub> <130°F: BSE32 <input type="checkbox"/> t <sub>c</sub> >130°F: BSE55
<b>Oil type R22 R22 (R12 // R502)</b>	<input checked="" type="checkbox"/> B5.2	<input checked="" type="checkbox"/> B5.2
<b>Oil <u>pressure monitoring</u></b>	<input type="checkbox"/> MP54 <input type="checkbox"/> Delta P	<input type="checkbox"/> MP54 <input type="checkbox"/> Delta P
<b>Oil <u>service</u> valve</b>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Oil and gas equalizing fittings</b>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Capacity control</b>	<input type="checkbox"/> 100% / 50%	<input type="checkbox"/> 100% / 50%
<b>Start unloading</b>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Check valve (for start unloading)</b>	<input type="checkbox"/>	<input type="checkbox"/>
<b><u>Motor protection</u></b>	<input checked="" type="checkbox"/> SE-B2	<input checked="" type="checkbox"/> SE-B2
<b>Bridges for DOL start</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Additional fan</b>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Discharge <u>gas temperature</u> sensor</b>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Discharge shut-off valve</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Suction shut-off valve</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Water-cooled cylinder heads</b>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Connection cooling water</b>	R 3/4"	R 3/4"
<b>Seawater resisted cylinder heads</b>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Kit for marine application</b>	<input type="checkbox"/>	<input type="checkbox"/>
<b>CIC System</b>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Vibration dampers</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Sound <u>power level</u> (-10°C / 45°C)</b>	dB(A) @ 50Hz	dB(A) @ 60Hz
<b>Sound power level (-35°C / 40°C)</b>	dB(A) @ 50Hz	dB(A) @ 60Hz
<b>Sound pressure level @ 1m (-10°C / 45°C)</b>	dB(A) @ 50Hz	dB(A) @ 60Hz
<b>Sound pressure level @ 1m (-35°C / 40°C)</b>	dB(A) @ 50Hz	dB(A) @ 60Hz
<input checked="" type="checkbox"/> Standard <input type="checkbox"/> Option (1) 230V/1/50Hz+60Hz		
<b>// Subject to <u>change</u> //</b>		

