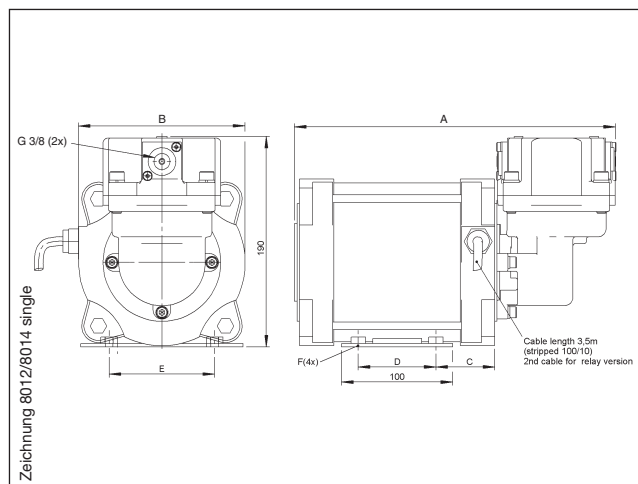
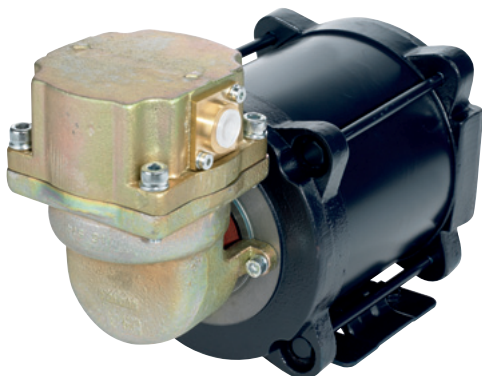




Vapour Recovery Pump 8014 Single

THOMAS
A Gardner Denver Product

Flow 51 l/min
Max. differential pressure -650 mbar



Pneumatic Data

Description	8014 Single	8014 Single	8014 Single
Pump Technology	Piston	Piston	Piston
Max. flow	51 l/min	51 l/min	51 l/min
Max. differential pressure	-650 mbar	-650 mbar	-650 mbar

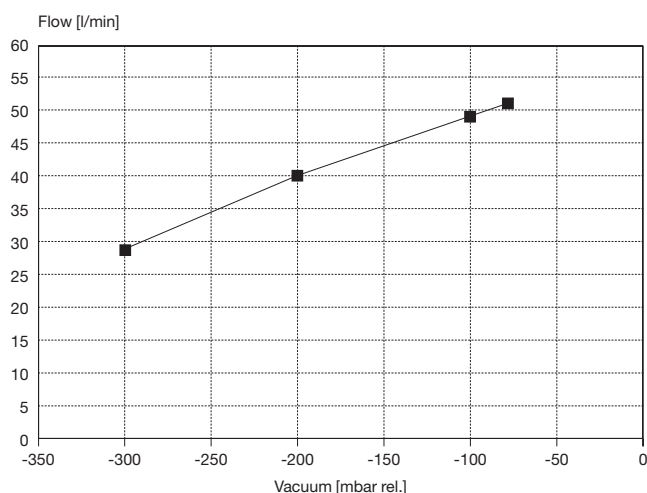
Electrical Data

Motor type	Three-phase	Capacitor (internal)	Three-phase
Explosion protection	EExe II 2G T3	EExd II 2G T3	EExd II 2G T3
Nominal voltage	380-420 V 50 Hz	230 ±10% V 50 Hz	380-420 V 50 Hz
Nominal speed	2730 rpm	2850 rpm	2850 rpm
Max. current consumption	0,4 A	1,1 A	0,9
Motor rating	120 W	180 W	180 W
Motor insulation class	F	F	F
Protection class	IP 54	IP 54	IP 54
Thermal protector	no	automatic reset	automatic reset
Integrated start/stop relay	no	24 V AC / 24 V DC / 230 V AC	24 V AC / 24 V DC / 230 V AC

General Data

Ambient temperature	-40 to +60 °C	-40 to +60 °C	-40 to +60 °C
Atex approval number	PTB 05 ATEX 4007	PTB 05 ATEX 4007	PTB 05 ATEX 4007
Ex protection pump	EXII 1/2 G II A T3	EXII 1/2 G II A T3	EXII 1/2 G II A T3
Ex protection system	EXII G II A	EXII G II A	EXII G II A
Integrated flame arrestors	yes	yes	yes
Dimensions A, B, C	291 mm, 108 mm, 52,5 mm	345mm, 150mm, 82,5mm	290 mm, 150 mm, 53 mm
Dimensions D, E, F	71 mm, 90 mm, Ø 6 mm	70 mm, 95 mm, M6	70 mm, 95 mm, M6
Weight	9,3 kg	16,1 kg	15,9 kg

Flow Curves



All listed flow values are measured against a simultaneous pressure of +200 mbar.
Integrated internal relief valve is set at a differential pressure of 650 mbar.
Inlet / outlet positions changeable through 90° steps.
Other motor or relay voltages on request.

The information presented in this material is based on technical data and test results of nominal units. It is believed to be accurate and reliable and is offered as an aid to help in the selection of Thomas products. It is the responsibility of the user to determine the suitability of the product for the intended use and the user assumes all risk and liability whatsoever in connection therewith. Thomas does not warrant, guarantee or assume any obligation or liability in connection with this information.

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