

Installation guide

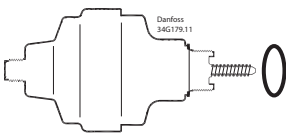
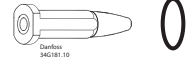

Electric expansion valve, type ETS 12.5 / ETS 25

Electric regulating valve, type KVS 15

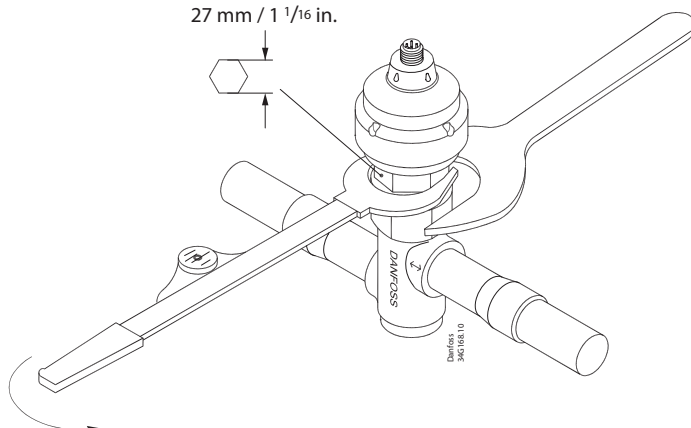
034R9797

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<p>Compatible refrigerants / Kältemittel Kompatibilität / Fluides compatibles / Compatibilidad de refrigerantes / 适用的冷媒: ETS: R134a, R404A, R507, R407C, R410A, R22, R1234ze KVS: R134a, R404A, R507, R407C, R410A, R22, R452 and other refrigerants</p>	<p>Inlet fluid temperature / Eingangstemperaturbereich / entrée température du fluide / entrada temperatura líquida / 入口流体温度 Max. 65 °C / 149 °F Min. -40 °C / -40 °F</p>	<p>Max. working pressure / Max. zul. Betriebsüberdruck / Pression de service max. / Presión de trabajo máx. / 最大工作压力 PS / MWP: 45.5 bar / 660 psig</p>
<p>Allowable ambient temperature / Zulässige Umgebungstemperatur / Température ambiante admissible / Temperatura ambiente permisible / 允许的运行温度 Max. 60 °C / 140 °F Min. -40 °C / -40 °F</p>	<p>Stepper motor type / Schrittmotortype / Type de moteur pas à pas / Tipo de motor a pasos / 步进电机形式 Bipolar / 双极</p>	
<p>Phase current / Phasenstrom / Phase électrique / Corriente de fase / 相电流 100 mA RMS</p>	<p>Resistance / Widerstand / résistance électrique / Resistencia / 电阻 52 Ω</p>	<p>Nominal voltage / Nennspannung / Tension nominale / Voltaje nominal / 名义电压 12 V DC</p>
<p>Application Anwendung Application Aplicación 应用</p>		
<p>Application Anwendung Application Aplicación 应用</p>	<p>Brazing Lötten Soudure Soldadura 焊接</p> <p>Fully open Voll geöffnet Complètement ouvert Completamente abierta 完全打开</p> <p>Factory settings</p>	
<p>⚠</p> <ul style="list-style-type: none"> Do not connect directly to AC/DC power source. Connect valve to appropriate controller/driver only. Do not operate valve while assembling or disassembling. Bitte den ETS nicht direkt mit einer Spannungsquelle (Gleich- oder Wechselstrom) verbinden. Schließen Sie das Ventil nur an geeignete Regler/ Steuergeräte an. Ventil bitte nicht in zerlegtem Zustand ansteuern. Ne pas raccorder directement le moteur à une alimentation AC / DC. Raccorder la vanne au régulateur approprié. Ne pas actionner la vanne pendant le montage ou le démontage. No aplicar tensión directamente a la válvula. Conectar la válvula a un controlador/driver adecuado. No haga funcionar la válvula durante el montaje o desmontaje. 请仅将阀门连接于合适的控制器/控制器，勿直接与交流或直流电源连接。 在安装和拆卸阀门时请勿操作电子膨胀阀。 	<p>Connection Anschluss Raccordement Conexión 链接</p> <p>M12 Connector cable</p> <p>Electrical check of stepper motor and wiring. Coil I = 52 Ω Coil II = 52 Ω</p>	

<p>For service only / Nur für Service-Zwecke / Pour l'entretien uniquement / Sólo para mantenimiento / 仅供维修之用</p>	 <p>034G2088</p>	 <p>ETS 12.5: 034G2345 ETS 25: 034G2346</p>	 <p>034G2344</p>
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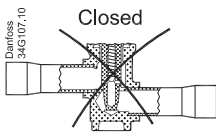
Disassembling
Zerlegung
Désassemblage
Desmontaje
拆卸



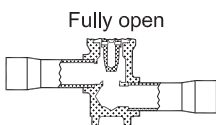
27 mm / 1 1/16 in.



Closed

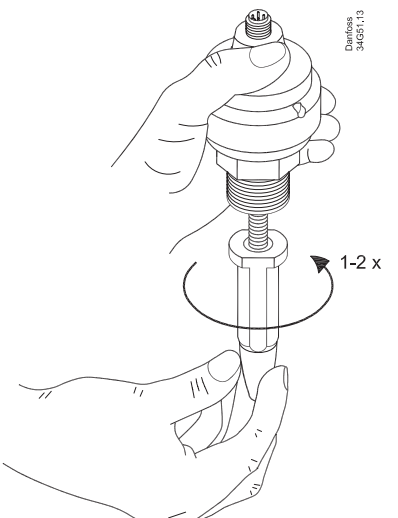


Fully open



1

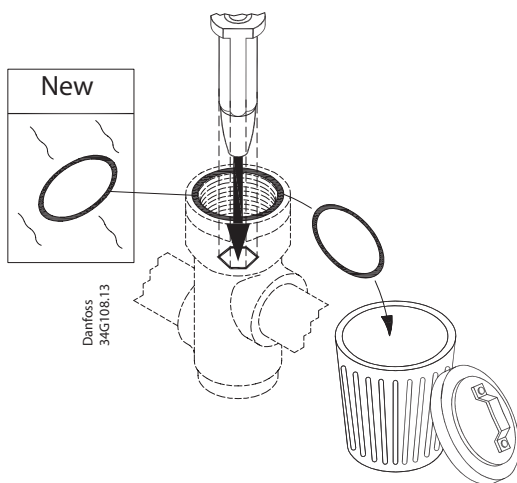
Assembling
Zusammenbau
Assemblage
Montaje
安装



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1-2 x

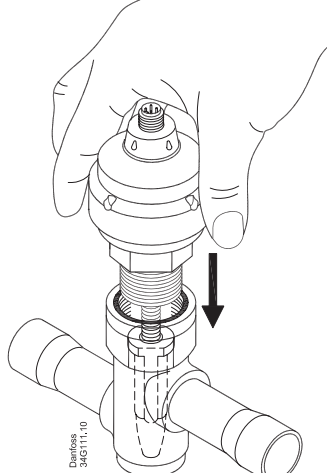
2



New

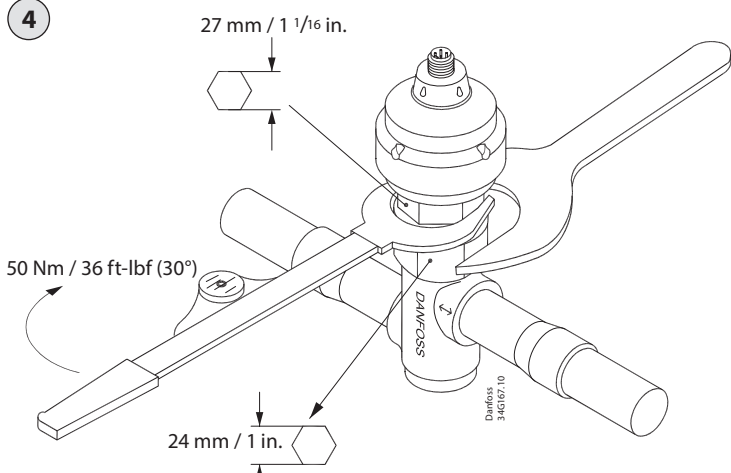
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3



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4



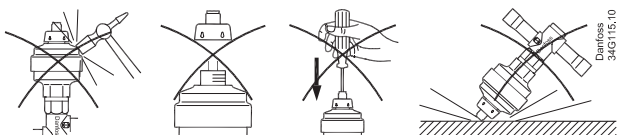
27 mm / 1 1/16 in.

50 Nm / 36 ft-lbf (30°)

24 mm / 1 in.

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Warning! / Achtung! / Attention! / Advertencia! / 警告



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