

Technical Notice: PMDC Hazardous Location Motors

KOLLMORGEN[®]

Kollmorgen Corporation
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USA

Kollmorgen PMDC (Permanent Magnet DC) hazardous location motors are certified to UL 674 and or CSA C22.2 NO. 145 standards for hazardous locations for Class I, Groups C and D and Class II, Groups F and G.*

Product: PMDC Explosion Proof
Series: Kollmorgen EP and MEP Explosion Proof Motors.
Models covered by UL and CSA.

(Other letters and numbers after these model numbers may apply)

EP3624-1434-7-56BC, EP3640-1436-7-56BC, EP3758-5151-7-56BC, EP3624-5269-7-56BC,
EP3752-5215-7-56BC, EP3648-4952-7-56BC, EP3618-4367-7-1-C, EP3620-1954-7-56BC,
EP3620-4460-7-3-56C, EP3620-4460-7-56C, EP3624-1434-7-1-56C, EP3624-2757-7-2-56C,
EP3624-2757-7-56BC, EP3624-2757-7-56C, EP3624-2757-7-65-56C, EP3624-5766-7-56BC,
EP3628-2756-7-56BC, EP3632-1435-7-56BC, EP3634-4289-7-1-56BC-C, EP3640-1436-10-7-56BC,
EP3640-1436-17-56C, EP3640-1436-7-56C, EP3644-4133-7-56BC-C, EP3644-5214-7-56BC,
EP3648-4952-7-56C, EP3652-5740-7-56BC, MEP3628-2756, EP3652-5740-7-56C, EP3614-5877-7-56BC,
EP3616-5880-7-56BC, EP3616-5878-7-56BC, EP3640-1436-7-50C-56BC, EP3648-4952-7-1-56BC,
EP3634-4289-7-65-56BC-C, EP3624-2757-7-65-56BC, EP3648-4952-7-2-56BC, EP3648-4952-7-3-56BC,
EP3648-4952-5-56BC, EP3616-5988-7-56BC, EP3648-4952-7-65-56BC

UL File Number E56538, category code PTDR. Class I, Groups C and D. Class II, Groups F and G.

UL motors can be rated over 40C ambient - up to 55C with a temperature rise on the motor

UL Qualified Class H (180C) insulation system.

CSA File Number 213464, Class 4228-01 Class I, Groups C and D. Class II, Groups F and G

**These standards also show an equivalency between Class and Zones, not directly included on the Kollmorgen product marking. See UL 674 or CSA C22.2 NO. 145 for information.*

External information:

<https://productiq.ulprospector.com/en/search>. Search Kollmorgen under Manufacturer and E56538

<https://www.csagroup.org/testing-certification/product-listing/>. Search Kollmorgen under Manufacturer.

Signed:



David Digby Empson
Product Compliance Leader

18JAN23

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