



# Type Approval Certificate

*This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.*

This certificate supersedes certificate number 16/20088 issued on 12.09.2016 which is hereby cancelled.

This certificate is issued to:

<b>PRODUCER</b>	Dorot Italia SRL Via C. Dell' Acqua 7 20027 Rescaldina, MI Italy
<b>DESCRIPTION</b>	Hydraulically operated control valves
<b>TYPE</b>	Series 100 – Models 44, 47, 68, 77 & 87 Series 300 – Models 30, 31, 32, 30U, 30UC, 30AU & 30A
<b>APPLICATION</b>	Industrial, marine and offshore fire protection systems, in deluge and foam systems, pressure control deluge systems, remote operated monitors, pressure control and sustaining systems, sprinkler systems and pressure reducing hydrants.
<b>STANDARD</b>	Lloyd's Register's Rules and Regulations for the Classification of Ships, 2016 ASME B16.31:2004; UL 260:2008
<b>RATINGS</b>	Pressure rating (PN): 10, 12, 16 and 25 Pressure rating (psi): 150, 175, 250 and 375 Max. temperature rating (°C): 80

<b>Certificate No.</b>	16/20088 (E1)
<b>Issue Date</b>	15 September 2016
<b>Expiry Date</b>	2 June 2021
<b>Sheet</b>	1 of 3



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Hamburg Technical Support Office  
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LR031.1.2015.12

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RATINGS (Cont.)

	Nominal diameter (inch):	Body material:
<b>Series 100:</b>		
Model 44	1 to 3	Ductile iron; Cast steel; Stainless steel; Nickel Aluminium Bronze; Bronze
Model 47	2 to 12	Ductile iron; Cast steel; Stainless steel; Nickel Aluminium Bronze; Bronze
Model 68	2 to 10	Ductile iron; Cast steel; Stainless steel; Nickel Aluminium Bronze; Bronze
Model 77	2 to 24	Ductile iron; Cast steel; Stainless steel Nickel Aluminium Bronze
Model 87	2 to 12	Nickel Aluminium Bronze, Bronze
<b>Series 300:</b>		
Models 30, 31, 32, 30U & 30UC	2 to 24	Ductile iron; Cast steel; Stainless steel; Nickel Aluminium Bronze; Bronze
Models 30AU & 30A	2 to 10	Ductile iron; Cast steel; Stainless steel; Nickel Aluminium Bronze; Bronze

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