

**Title: ACTUATOR & MODULAR ADD-ON UNIT MATERIALS
OF CONSTRUCTION & STANDARD FINISHES**

<u>PART</u> (Actuator Model No.)	<u>STANDARD FINISH</u>	<u>MATERIAL</u>
Actuator Casing (OM, 01, 02,)	Epoxy Stove Enamel	Zinc alloy
Actuator Casing (03, 05, 07, 08, 09, 10, 12, 14, 15) (16, 18, 20, 30, 40, 60)	Epoxy Stove Enamel Epoxy Stove Enamel	Diecast aluminium alloy Sandcast aluminium alloy
Spring Casing (02, 03)	Epoxy Stove Enamel	Diecast zinc alloy
Spring Casing (03, 05, 07, 08, 09, 10, 12, 14, 15) (16, 18, 20, 30, 40, 60)	Epoxy Stove Enamel Epoxy Stove Enamel	Diecast aluminium alloy Sandcast aluminium alloy
ULS/VLS Limit Switch box Casing	Epoxy Stove Enamel	Aluminium alloy
AP & EL Positioner Casing	Epoxy Stove Enamel	Diecast zinc alloy
EHD Control Box Hydraulic Pump & Motor	Epoxy Stove Enamel	Diecast zinc alloy
Vane (07, 08, 09, 10, 12, 14, 15, 16, 18, 20, 30, 60)	Zinc Plate	S.G.iron
Vane (OM, 01, 02, 03, 05)	-	Investment cast stainless iron
Couplings	Zinc Plate	Carbon steel
Side Plates (18, 20, 30, 40, 60)	Epoxy Stove Enamel	Carbon steel
Side Plates (OM, 01, 02, 03, 05, 07, 08, 09, 10, 12, 14, 15, 16)	-	Moulded polyamide
Side Plate Infill Insert (05, 07, 10,14)	-	Moulded acetal
Seal Expanders	-	Stainless steel
Clock Type Spring (01, 02, 03, 05, 07, 08, 09, 10, 12, 14, 15, 16, 18)	-	Carbon spring steel

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Vane Seals (Std. & Low temp.) (High Temp.)	-	Polyurethane Fluorocarbon rubber
Shaft Seals (Std.) (High Temp.) (Low Temp.)	-	NBR Fluorocarbon rubber EPDM
Limit switch coupling: (Refer to product I.O.M. for details)	- Zinc Plate	Moulded polyamide, or carbon steel
Spring return & EHD coupling	Zinc Plate	Carbon steel
Actuator Case Screws	-	Stainless Steel
Actuator Bearing - all actuators	-	PTFE/Bronze backed Steel
Spring Return Bearing	-	PTFE/Bronze backed Steel
Din Flange (03)	Epoxy Stove Enamel	Diecast zinc alloy
Din Flange (05, 07, 08, 09, 12, 14, 15)	Epoxy Stove Enamel	Diecast aluminium alloy
Din Flange Fixing Screws	Zinc Plate or Natural	High tensile steel or Stainless Steel
Position Indicator	-	Moulded polyamide
Namur Adaptor	Epoxy Stove Enamel	Diecast aluminium alloy
ISO Adaptor (03)	Epoxy Stove Enamel	Diecast zinc alloy
(05, 07, 08, 09)	Epoxy Stove Enamel	Diecast aluminium alloy
Position Monitor – Std.	-	Polycarbonate
– Chemically resistant	-	Polyurethane
– Anti-static	-	Polycarbonate
K-Box – casing	Epoxy Stove Enamel	Sandcast aluminium alloy
– handwheel (sizes 05, 07, 08, 09, 10 & 12)	Epoxy Stove Enamel	Sandcast aluminium alloy
– handwheel (size 14)	Epoxy Stove Enamel	Carbon steel
– input shaft	-	Stainless steel
– output shaft	Zinc Plate	Carbon steel
180° / 120° units – Housing	Epoxy Stove Enamel	05-15 Diecast aluminium alloy
- Base plate	Epoxy Stove Enamel	Carbon steel
- input shaft	-	Carbon steel
- output shaft	Zinc Plate	Carbon steel

**KINETROL RESERVES THE RIGHT TO USE SUPERIOR MATERIALS WITHOUT PRIOR NOTICE.
FOR MORE DETAILS CONTACT KINETROL.**

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