

Explosion-proof 3-phase stepper motors

ExRDM 39•
Type code

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Example:	ExRDM	3	9	10	/	50	N	E	I	7	A	IP44	O	O	D4	K	60
Product family ExRDM = Explosion-protected motor	ExRDM	3	9	10	/	50	N	E	I	7	A	IP44	O	O	D4	K	60
Phase count 3	ExRDM	3	9	10	/	50	N	E	I	7	A	IP44	O	O	D4	K	60
Motor size (Flange) 9 = 85 mm	ExRDM	3	9	10	/	50	N	E	I	7	A	IP44	O	O	D4	K	60
Motor length 10 = 194 mm 13 = 224 mm	ExRDM	3	9	10	/	50	N	E	I	7	A	IP44	O	O	D4	K	60
Number of pole pairs 50	ExRDM	3	9	10	/	50	N	E	I	7	A	IP44	O	O	D4	K	60
N = No meaning	ExRDM	3	9	10	/	50	N	E	I	7	A	IP44	O	O	D4	K	60
Encoders O = Without encoder E = With encoder	ExRDM	3	9	10	/	50	N	E	I	7	A	IP44	O	O	D4	K	60
Encoder type A = Absolute I = Incremental	ExRDM	3	9	10	/	50	N	E	I	7	A	IP44	O	5	D4	K	60
Winding (Motor voltage) 7 = 230 V _{AC} (325 V _{DC})	ExRDM	3	9	10	/	50	N	E	I	7	O	IP44	O	O	D4	K	60
Approval A = ATEX U = UL (only with length 13)	ExRDM	3	9	10	/	50	N	E	I	7	A	IP44	O	O	D4	K	60
Degree of protection IP44 = IP44 on shaft bushing	ExRDM	3	9	10	/	50	N	E	I	7	A	IP44	O	O	D4	K	60
Gearbox type O = Without gearbox U = Planetary gear PL 50/100 /ATEX	ExRDM	3	9	10	/	50	N	E	I	7	A	IP44	O	O	D4	K	60
Gear ratio O = Without gearbox 3 = 3:1 5 = 5 :1	ExRDM	3	9	10	/	50	N	E	I	7	A	IP44	O	O	D4	K	60
Shaft diameter D4 = 14 mm DO = With gearbox	ExRDM	3	9	10	/	50	N	E	I	7	A	IP44	O	O	D4	K	60
Shaft model front K = Woodruff key as per DIN 6888 O = With gearbox	ExRDM	3	9	10	/	50	N	E	I	7	A	IP44	O	O	D4	K	60
Centring collar 60 = 60 mm OO = With gearbox	ExRDM	3	9	10	/	50	N	E	I	7	A	IP44	O	O	D4	K	60