

# 4 Poles

Technical data

## APM series Aluminum premium motors

Motori elettrici in alluminio

S1 service, F insulation class			Operating characteristics at rated power							Direct starting			Enclosure		
Power	Motor code	Frame	Rated current	S.F Current	Speed	Nominal torque	Efficien. % load	Service Factor	PF	Torque	Current	Inertia moment		Weight	R [Ω] 68°F
HP			A 460/575V	A	rpm	lb ft	100%	SF	cos φ	Ms/Mn	Is/In	lb ft^2		lb	
230/460V 60Hz rpm 1800	1/3	APM WHA4W TUN	56C	0.68	0.80	1748	1.02	80.1	1.15	0.59	3.9	7.4	0.0049	38.2	7.3
	1/2	APM WHB4W TUN	56C	0.92	1.05	1742	1.51	82.1	1.15	0.65	4.3	7.6	0.0058	43.2	6.2
	3/4	APM WHC4W TUN	56C	1.25	1.35	1750	2.26	83.6	1.15	0.73	5.0	8.4	0.0073	52.0	3.8
	1	APM WHD4W TUN	56C	1.65	1.90	1765	3.05	85.1	1.15	0.70	5.8	8.7	0.0083	58.6	2.7
		APM XHD4W TUN	143TC												
	1 1/2	APM WHE4W TUN	56C	2.30	2.50	1780	4.42	87.2	1.15	0.76	5.0	8.8	0.0095	65.0	2.0
APM XHE4W TUN		145TC													
2	APM WHF4W TUN	56C	2.96	3.20	1785	6.02	87.6	1.15	0.81	5.1	10.0	0.0107	71.9	1.6	
	APM XHF4W TUN	145TC													

Nominal values with  $\pm 10\%$  tolerance on Voltage Valori nominali con  $\pm 10\%$  di tolleranza nel voltaggio

Technical data and performances may change Dati tecnici e prestazioni possono subire variazioni



**TENV** Totally Enclosed non ventilated  
Totalmente chiuso, non ventilato

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Power	Motor code	Frame	Rated current	S.F Current	Speed	Nominal torque	Efficien. % load	Service Factor	PF	Torque	Current	Inertia moment	Weight	R [Ω] 68°F		
HP			A 460/575V	A	rpm	lb ft	100%	SF	cos φ	Ms/Mn	Is/In	lb ft^2	lb			
575V 60Hz rpm 1800	1/3	APM WHA4W TCN	56C	0.46	0.56	1748	1.02	80.1	1.15	0.70	3.9	7.4	0.0049	38.2	26.8	TENV
	1/2	APM WHB4W TCN	56C	0.70	0.85	1742	1.51	82.0	1.15	0.65	4.3	7.6	0.0058	43.2	18.6	
	3/4	APM WHC4W TCN	56C	1.00	1.21	1752	2.26	83.4	1.15	0.66	5.0	8.4	0.0073	52.0	12.4	
	1	APM WHD4W TCN	56C	1.30	1.57	1762	3.05	85.1	1.15	0.68	5.8	8.7	0.0083	58.6	10.3	
		APM XHD4W TCN	143TC													
	1 1/2	APM WHE4W TCN	56C	1.85	2.24	1785	4.42	87.2	1.15	0.68	5.0	8.8	0.0095	65.0	3.1	
APM XHE4W TCN		145TC														
2	APM WHF4W TCN	56C	2.50	2.95	1785	6.02	87.4	1.15	0.68	5.1	10.0	0.0107	71.9	2.4		
	APM XHF4W TCN	145TC														

Nominal values with  $\pm 10\%$  tolerance on Voltage Valori nominali con  $\pm 10\%$  di tolleranza nel voltaggio

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