

UL THREE-PHASE SM MOTORS AT 60 Hz, 2 poles

P _N kW	Efficiency η_N %																		IE	Year of manufacture
	208V-230V/400V-480V												-/575V-600V							
	YY 208 V			YY 230 V			Y 400 V			Y 480 V			Y 575 V			Y 600 V				
	4/4	3/4	2/4	4/4	3/4	2/4	4/4	3/4	2/4	4/4	3/4	2/4	4/4	3/4	2/4	4/4	3/4	2/4		
0,55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	n.a.	From 11/2014
0,75	83,4	82,4	79,0	83,4	82,4	79,0	83,4	82,4	79,0	83,4	82,4	79,0	83,4	82,4	79,0	83,4	82,4	79,0		
1,1	85,6	85,0	82,1	85,6	85,0	82,1	85,6	85,0	82,1	85,6	85,0	82,1	85,6	85,0	82,1	85,6	85,0	82,1		
1,5	87,2	87,0	84,6	87,2	87,0	84,6	87,2	87,0	84,6	87,2	87,0	84,6	87,2	87,0	84,6	87,2	87,0	84,6		

P _N kW	Manufacturer		IEC SIZE*	Construction Design	N. of poles	f _N Hz	Data for 460 V / 60 Hz Voltage				
	Xylem Service Italia Srl Reg. No. 07520560967 Montecchio Maggiore Vicenza - Italia						cosφ	Is / I _N	T _N Nm	Ts/T _N	Tm/Tn
	Model										
0,55	SM../UL305		71	SPECIAL / B5 / B14	2	60	0,75	8,43	1,51	5,27	4,48
0,75	SM../UL307 E3		80				0,75	8,71	2,04	4,17	4,41
1,1	SM../UL311 E3		80				0,77	9,50	3,00	4,55	4,70
1,5	SM../UL315 E3		80				0,78	10,3	4,09	4,78	4,79

P _N kW	Current I _N A								Observe the regulations and codes locally in force regarding sorted waste disposal	Operating conditions **				
	208V-230V/400V-480V									Altitude Above Sea Level (m)			T. amb min/max °C	ATEX
	YY		Y		n _N min ⁻¹	-/575V-600V		n _N min ⁻¹						
	208V	230V	400V	480V		575V	600V							
0,55	2,61	2,64	1,31	1,34	3385	1,04	1,04	3455		≤ 1000	-15 / 40	No		
0,75	3,09	3,02	1,56	1,53	3465	1,20	1,21	3500						
1,1	4,35	4,24	2,21	2,13	3465	1,69	1,70	3500						
1,5	5,77	5,58	2,94	2,81	3460	2,20	2,20	3500						

* R = Reduced size of motor casing as compared to shaft extension and flange

UL_SM-mott-2p60-en_a_te

** Operating conditions to be referred to motor only. About electric pump, refer to limits in user's manual.