

SIMFLO 4" MOTORS

SIMFLO 4" Motors

SIMFLO 4" Single-phased Motors												
Order Number	Type	HP	Volts	Length (IN.)	Weight (LBS.)	Thrust Load (LBS.)	AMP		I _{max}	EFF (%)	Cstart (uF)	S.F.
MTS.50CO.216A.SS2	2-Wire	0.5	230	10.2	16.1	337	5.5	22	6.4	57	59-71	1.60
MTS.50CO.216C.SS3	3-Wire	0.5	230	10.2"	16.1	337	5.5	22	6.4	57	59-71	1.60
MTS.75CO.216C.SS3		0.75		10.4	16.8		7	32	9.3	62	86-103	1.50
MTS.10DO.216C.SS3		1		12	20.1		8.5	40	12	58	105-126	1.40
MTS.15DO.216C.SS3		1.5		13.4	24.7	674	10.1	49	13	65	116-125	1.30
MTS.20DO.216C.SS3		2		14.8	30.9		11.6	52	15	67	116-125	1.25
MTS.30DO.216C.SS3		3		16.9	36.2		14.8	68	16.9	67	290-310	1.15
MTS.50DO.216C.SS3		5		26.6	64.6	1461	25.5	88	27.8	69	290-310	1.15

SIMFLO 4" Three-phased Motors												
Order Number	Type	HP	Volts	Length (IN.)	Weight (LBS.)	Thrust Load (LBS.)	AMP		I _{max}	EFF (%)	Starting Torque (LBF.)	S.F.
							In	I _{start}				
MTS.10DO.236C.SS3	3-Wire	1	230	10.4	18.3	337	4.5	22.5	6.2	66	1.46	1.40
MTS.15DO.236C.SS3		1.5		11.6	24	674	5.7	31.2	7.3	71	2.09	1.30
MTS.20DO.236C.SS3		2		13.4	25.1		7.3	43.3	9	68	2.93	1.25
MTS.30DO.236C.SS3		3		14.8	31.3		10.9	60.6	12.5	70	3.98	1.15
MTS.55DO.236C.SS3		5.5		21.9	51.6	17.7	95.3	20.8	78	7.49	1.15	
MTS.75DO.236C.SS3		7.5		26.6	64.8	25.1	142	30	73	10.93	1.15	
MTS.0100.236C.SS3		10		30.1	74.5	38.1	176.7	43.3	74	13.63	1.15	
MTS.50CO.236D.SS3	3-Wire	0.5	460	9.3	12.8	337	1.2	6.8	1.6	60	0.58	1.6
MTS.75CO.236D.SS3		0.75		9.8	15.4		1.6	10.5	1.95	65	1.08	1.5
MTS.10DO.236D.SS3		1		10.4	18.3		2	12.5	2.5	67	1.46	1.4
MTS.15DO.236D.SS3		1.5		11.6	24	674	2.8	15	3.3	69	2.1	1.3
MTS.20DO.236D.SS3		2		13.4	25.1		3.5	22	4.2	71	2.93	1.25
MTS.30DO.236D.SS3		3		14.8	31.3		4.9	30.5	5.5	75	3.98	1.15
MTS.55DO.236D.SS3		5.5		21.9	51.6	1461	9	62	9.9	77	7.49	1.15
MTS.75DO.236D.SS3		7.5		26.6	64.8		12	77	13.3	77	10.93	1.15
MTS.0100.236D.SS3		10		30.1	74.5		16.2	95	18.5	77	13.63	1.15

Agency Listings:

NEMA Motor:

Encapsulated resin filled stator

Kingsbury thrust bearing

Winding: enameled copper - Class F insulation

IP68/Class B insulation

Labyrinth seal, sand slinger and lip seal

304SS motor case and shaft

