

# PARAMETER SET LIST-MSF

		Factory setting	Parameter Sets			
			1	2	3	4
001	Initial voltage at start	30				
002	Start time ramp 1	10				
003	Step down voltage at stop	100				
004	Stop time ramp 1	oFF				
005	Current	-----	-----	-----	-----	-----
006	Control mode	2				
007	Extended functions & metering	oFF	Common for all parameter sets			
008	Extended functions	oFF	Common for all parameter sets			
011	Initial voltage start ramp 2	90				
012	Start time ramp 2	oFF				
013	Step down voltage stop ramp 2	40				
014	Stop time ramp 2	oFF				
016	Initial torque at start	10				
017	End torque at start	150				
018	End torque at stop	0				
020	Voltage ramp with current limit at start	oFF				
021	Current limit at start	oFF				
022	Pump control	oFF				
023	Remote analogue control	oFF				
024	Full voltage start D.O.L	oFF				
025	Torque control	oFF				
030	Torque boost active time	oFF				
031	Torque boost current limit	300				
032	Bypass	oFF				
033	Power Factor Control PFC	oFF				
034	Braking time	oFF				
035	Braking strength	100				
036	Braking methods	1				
037	Slow speed torque	10				
038	Slow speed time at start	oFF				
039	Slow speed time at stop	oFF				
040	DC-Brake at slow speed	oFF				
041	Nominal motor voltage	400				
042	Nominal motor current	I <sub>nsoft</sub> in Amp				
043	Nominal motor power	P <sub>nsoft</sub> in kW				
044	Nominal speed	N <sub>nsoft</sub> in rpm				
045	Nominal power factor	0.86				
046	Nominal frequency	50	Common for all parameter sets			
051	Programmable relay K1	1	Common for all parameter sets			
052	Programmable relay K2	2	Common for all parameter sets			
054	Analogue output	oFF				
055	Analogue output value	1				
056	Scaling analogue output	100				
057	Digital input selection	oFF				
058	Analogue input pulses	1				
061	Parameter set	1	-----	-----	-----	-----

		Factory setting	Parameter Sets			
			1	2	3	4
071	Motor PTC input	no		Common for all parameter sets		
072	Internal motor thermal protection class	10				
073	Used thermal capacity	-----	-----	-----	-----	-----
074	Starts per hour limitation	oFF				
075	Locked rotor alarm	oFF				
081	Voltage unbalance alarm	10				
082	Response delay voltage unbalance alarm	oFF				
083	Over voltage alarm	115				
084	Response delay over voltage alarm	oFF				
085	Under voltage alarm	85				
086	Response delay under voltage alarm	oFF				
087	Phase sequence	-----				
088	Phase reversal alarm	oFF		Common for all parameter sets		
089	Auto set power limits	no		Common for all parameter sets		
090	Output shaft power	-----				
091	Start delay power limits	10				
092	Max power alarm limit	115				
093	Max alarm response delay	oFF				
094	Max power pre-alarm limit	110				
095	Max pre-alarm response delay	oFF				
096	Min pre-alarm power limit	90				
097	Min pre-alarm response delay	oFF				
098	Min power alarm limit	85				
099	Min alarm response delay	oFF				
101	Run at single phase input failure	no				
102	Run at current limit time-out	no				
103	Jog forward enable	oFF				
104	Jog reverse enable	oFF				
105	Automatic return menu	oFF		Common for all parameter sets		
111	Serial comm. unit address	1		Common for all parameter sets		
112	Serial comm. baudrate	9.6		Common for all parameter sets		
113	Serial comm. parity	0		Common for all parameter sets		
114	Serial comm. contact broken	1		Common for all parameter sets		
199	Reset to factory settings	no		Common for all parameter sets		
201	Current	-----	-----	-----	-----	-----
202	Line main voltage	-----	-----	-----	-----	-----
203	Output shaft power	-----	-----	-----	-----	-----
204	Power factor	-----	-----	-----	-----	-----
205	Power consumption	-----	-----	-----	-----	-----
206	Reset power consumption	no		Common for all parameter sets		
207	Shaft torque	-----	-----	-----	-----	-----
208	Operation time	-----	-----	-----	-----	-----
211	Current phase L1	-----	-----	-----	-----	-----
212	Current phase L2	-----	-----	-----	-----	-----
213	Current phase L3	-----	-----	-----	-----	-----
214	Line main voltage L1 - L2	-----	-----	-----	-----	-----
215	Line main voltage L1 - L3	-----	-----	-----	-----	-----
216	Line main voltage L2 - L3	-----	-----	-----	-----	-----
221	Locked keyboard info	no	-----	-----	-----	-----