

TABLE 1 FACTORY SET IQPUMP1000 CONFIGURED DRIVE PARAMETERS		DESCRIPTION/REMARKS	
PARAMETER	DATA	UNIT	
A1-03	SEE TABLE 2 OR 3	N/A	INITIALIZATION OF PARAMETERS
b1-01	SEE TABLE 2 OR 3	N/A	FREQUENCY REFERENCE SELECTION 1
b1-02	SEE TABLE 2 OR 3	N/A	RUN COMMAND SELECTION 1
E1-01	208		INPUT VOLTAGE SETTING FOR BASE NUMBER "D"----
	240(480)	VOLTS	STANDARD INPUT VOLTAGE SETTING
	600		INPUT VOLTAGE SETTING FOR BASE NUMBER "C"----
	208		MAXIMUM OUTPUT VOLTAGE FOR BASE NUMBER "D"----
	230(460)	VOLTS	STANDARD MAXIMUM OUTPUT VOLTAGE SETTING
E1-05	575		MAXIMUM OUTPUT VOLTAGE SETTING FOR BASE NUMBER "C"----
	---	AMPS	MOTOR FULL LOAD AMPS (MUST BE SET BY USER)
E2-01	---	AMPS	MOTOR FULL LOAD AMPS (MUST BE SET BY USER)
H1-05	SEE TABLE 2 OR 3	N/A	MULTI-FUNCTION DIGITAL INPUT TERMINAL S5 FUNCTION SELECTION
H3-09	SEE TABLE 2 OR 3	N/A	TERMINAL A2 FEEDBACK SIGNAL LEVEL SELECTION
o2-03	1	N/A	USER INITIALIZATION FACTORY SET PARAMETER DEFAULT VALUES (FOUND IN A1-03= "1110")
o3-02	1	N/A	COPY ALLOWED SELECTION ENABLED
P1-02	1	N/A	SYSTEM UNITS (WHERE 1 = POUNDS PER SQUARE INCH (PSI))
P1-03	00145	SYSTEM UNITS	FEEDBACK DEVICE SCALING (TO BE SET BY USER - BEFORE SETTING Q1-01)
P5-01	SEE TABLE 2 OR 3	N/A	HAND MODE FREQUENCY REFERENCE SELECTION
P5-02	---	HZ	HAND MODE FREQUENCY REFERENCE (TO BE SET BY USER) - SEE TABLE 2 OR 3
P5-04	SEE TABLE 2 OR 3	N/A	DRIVE KEYPAD HAND KEY ENABLE/DISABLE
Q1-01	---	SYSTEM UNITS	AUTO MODE SET-POINT REFERENCE (TO BE SET BY USER - AFTER SETTING P1-03)

• = FACTORY DEFAULT SETTING

• = FACTORY DEFAULT SETTING

• = FACTORY DEFAULT SETTING

DRIVE OPERATION MODE SELECTION WITHOUT THE HAND/OFF/AUTO SELECTOR SWITCH OPTION TY

FACTORY SET Q1C CONFIGURED IQPUMP1000 DRIVE PARAMETERS										AUTO MODE			HAND MODE		
OPTION	PARAMETER						DRIVE CONTROL BOARD SWITCH S1(A2)	SET-POINT	FEEDBACK			SPEED COMMAND	HAND MODE		
	A1-03	b1-01	b1-02	H1-05	H3-09	P5-01			TERM. BLOCK TB1(1-3) SIGNAL	DRIVE KEYPAD Q1-01 COMM.	DRIVE KEYPAD P5-02 POT		DRIVE RUN COMMAND	DRIVE KEYPAD P5-02 POT	DRIVE RUN COMMAND
PRESENT	2220	0	0	8D	2	1	1	1	YES	YES	YES	DRIVE RUN COMMAND	DRIVE RUN COMMAND	DRIVE RUN COMMAND	
NONE +	2220	0	0	8D	2	1	1	1	YES	YES	YES	DRIVE RUN COMMAND	DRIVE RUN COMMAND	DRIVE RUN COMMAND	
NONE	2220	0	0	8D	0	1	1	1	YES	YES	YES	DRIVE RUN COMMAND	DRIVE RUN COMMAND	DRIVE RUN COMMAND	
TZ +	2220	0	0	8D	2	0	1	1	YES	YES	YES	DRIVE RUN COMMAND	DRIVE RUN COMMAND	DRIVE RUN COMMAND	
TZ	2220	0	0	8D	0	0	1	1	YES	YES	YES	DRIVE RUN COMMAND	DRIVE RUN COMMAND	DRIVE RUN COMMAND	
NONE	2220	0	1	8D	2	1	1	1	YES	YES	YES	DRIVE RUN COMMAND	DRIVE RUN COMMAND	DRIVE RUN COMMAND	
NONE	2220	0	1	8D	0	1	1	1	YES	YES	YES	DRIVE RUN COMMAND	DRIVE RUN COMMAND	DRIVE RUN COMMAND	
TZ	2220	0	1	8D	2	0	1	1	YES	YES	YES	DRIVE RUN COMMAND	DRIVE RUN COMMAND	DRIVE RUN COMMAND	
TZ	2220	0	1	8D	0	0	1	1	YES	YES	YES	DRIVE RUN COMMAND	DRIVE RUN COMMAND	DRIVE RUN COMMAND	
TD, TG, TH, TJ, TL, TQ OR TU	2220	3	3	8D	2	1	1	1	YES	YES	YES	DRIVE RUN COMMAND	DRIVE RUN COMMAND	DRIVE RUN COMMAND	
TD, TG, TH, TJ, TL, TQ OR TU	2220	0	3	8D	2	1	1	1	YES	YES	YES	DRIVE RUN COMMAND	DRIVE RUN COMMAND	DRIVE RUN COMMAND	
T6	3330	0	1	0	2	1	1	1	YES	YES	YES	DRIVE RUN COMMAND	DRIVE RUN COMMAND	DRIVE RUN COMMAND	
T6 AND TZ	3330	0	1	0	2	0	1	1	YES	YES	YES	DRIVE RUN COMMAND	DRIVE RUN COMMAND	DRIVE RUN COMMAND	
(TD, TG, TH, TJ, TL, TQ OR TU) AND T6	3330	3	1	0	2	1	1	1	YES	YES	YES	DRIVE RUN COMMAND	DRIVE RUN COMMAND	DRIVE RUN COMMAND	

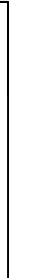
• = STANDARD Q1C CONFIGURED IQPUMP1000 DRIVE SET UP

• = FACTORY DEFAULT SETTING

FACTORY SET Q1C CONFIGURED IQPUMP1000 DRIVE PARAMETERS										AUTO MODE			HAND MODE		
OPTION	PARAMETER						DRIVE CONTROL BOARD SWITCH S1(A2)	SET-POINT	FEEDBACK			SPEED COMMAND	HAND MODE		
	A1-03	b1-01	b1-02	H1-05	H3-09	P5-01			TERM. BLOCK TB1(1-3) SIGNAL	DRIVE KEYPAD Q1-01 COMM.	DRIVE KEYPAD P5-02 POT		DRIVE RUN COMMAND	DRIVE KEYPAD P5-02 POT	DRIVE RUN COMMAND
PRESENT	2220	0	1	8D	2	1	1	1	YES	YES	YES	DRIVE RUN COMMAND	DRIVE RUN COMMAND	DRIVE RUN COMMAND	
TY +	2220	0	1	8D	2	1	1	1	YES	YES	YES	DRIVE RUN COMMAND	DRIVE RUN COMMAND	DRIVE RUN COMMAND	
TY	2220	0	1	8D	0	1	1	1	YES	YES	YES	DRIVE RUN COMMAND	DRIVE RUN COMMAND	DRIVE RUN COMMAND	
T9 +	2220	0	1	8D	2	0	1	1	YES	YES	YES	DRIVE RUN COMMAND	DRIVE RUN COMMAND	DRIVE RUN COMMAND	
T9	2220	0	1	8D	0	0	1	1	YES	YES	YES	DRIVE RUN COMMAND	DRIVE RUN COMMAND	DRIVE RUN COMMAND	
T6 AND TY	2220	0	1	8D	2	1	1	1	YES	YES	YES	DRIVE RUN COMMAND	DRIVE RUN COMMAND	DRIVE RUN COMMAND	
T6 AND T9	2220	0	1	8D	2	0	1	1	YES	YES	YES	DRIVE RUN COMMAND	DRIVE RUN COMMAND	DRIVE RUN COMMAND	
(TD, TG, TH, TJ, TL, TQ OR TU) AND TY	2220	3	3	6A	2	1	1	1	YES	YES	YES	DRIVE RUN COMMAND	DRIVE RUN COMMAND	DRIVE RUN COMMAND	
(TD, TG, TH, TJ, TL, TQ OR TU) AND T9	2220	3	3	6A	2	0	1	1	YES	YES	YES	DRIVE RUN COMMAND	DRIVE RUN COMMAND	DRIVE RUN COMMAND	
(TD, TG, TH, TJ, TL, TQ OR TU), T6 AND TY	2220	3	3	6A	2	1	1	1	YES	YES	YES	DRIVE RUN COMMAND	DRIVE RUN COMMAND	DRIVE RUN COMMAND	
(TD, TG, TH, TJ, TL, TQ OR TU), T6 AND T9	2220	3	3	6A	2	0	1	1	YES	YES	YES	DRIVE RUN COMMAND	DRIVE RUN COMMAND	DRIVE RUN COMMAND	

• = STANDARD Q1C CONFIGURED IQPUMP1000 DRIVE SET UP

• = FACTORY DEFAULT SETTING



YASKAWA

THIS DOCUMENT AND INFORMATION CONTAINED HEREIN ARE CONFIDENTIAL AND CANNOT BE REPRODUCED OR DISCLOSED IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN CONSENT OF YASKAWA AMERICA, INC.

REV.	DESCRIPTION	ECO #	DRAWN BY	DATE
04	REMOVED CHANGES TO H3-02 & H3-06 PARAM	5166	NSL	4/8/14
03	CHANGED PARAMETER SETTINGS FOR OPTION T6	4682	DRC	11/11/13
02	REMOVED "TYPE 3R" FROM DRAWING TITLE	4549	DJP	9/18/13

APPROVED BY:	D.R. CMELAK	DATE:	11/16/12
CHECKED BY:	D. PACKER	DATE:	11/16/12
APPROVED BY:	K. FLIERL	DATE:	11/16/12
CHECKED BY:	D.R. CMELAK	DATE:	11/16/12

DRAWN BY: D.R. CMELAK
DATE: 11/16/12
CHECKED BY: D. PACKER
DATE: 11/16/12
APPROVED BY: K. FLIERL
DATE: 11/16/12
CHECKED BY: D.R. CMELAK
DATE: 11/16/12

DRAWING TITLE: DRIVE PARAMETERS IQPUMP1000 CONFIGURED

DRAWING NO: UDE00392