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XX
Maker

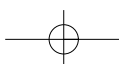
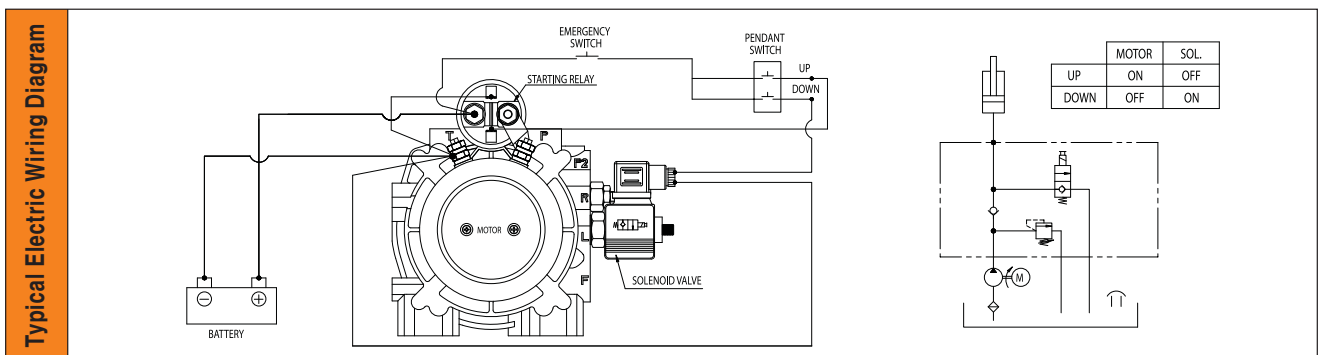
X is only for maker's use

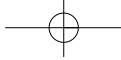
DC - MOTOR

A	Code	XXXXXX	D	L
	Type	Without motor	Direct current motors without ventilation	Long late direct current motors with ventilation
B	Code	1 or (A)	2 or (B)	4
	Voltage	12V	24V	48V

B / C	Direct current motors without ventilation D							Dimension		
	Code		Volt (V)	Watt (W)	Operation		IP	Applicable center block	105-205,108-208	A05-B05,A08-B08
	Volt	Watt			S2	S3				
	1	05	12	500	1.8 min	7%ED	54	SH		
	2	05	24	500	1.8 min	7%ED	54			
	1	08	12	800	1.8 min	7%ED	54			
	2	08	24	800	1.8 min	7%ED	54			
	A	05	12	500	5 min	17%ED	54	M, X, QH, QD		
	B	05	24	500	5 min	17%ED	54			
	A	08	12	800	4 min	10%ED	65			
	B	08	24	800	4 min	10%ED	65			
	1	12	12	1,200	2 min	7.5%ED	54			
	2	12	24	1,200	2 min	7.5%ED	54			
	1	16	12	1,600	2 min	7.5%ED	54			
	2	22	24	2,200	1.2 min	4.5%ED	54			
	4	20	48	2,000	3 min	12%ED	54			
	1	24	12	2,400	1 min	8%ED	54			
	2	30	24	3,000	4 min	15%ED	54			
	Long late direct current motors with ventilation L									
	1	16	12	1,600	20 min	40%ED	20			
	2	22	24	2,200	20 min	40%ED	20			
	2	30	24	3,000	20 min	40%ED	20			

D	START RELAY			
	Code	Volt (V)	Ampere (A)	Dimension
	I1	12	150	
	I2	24		
	W1	12	150	
	W2	24		
XX	Without start relay			





12 ^① DC Motor code — **X X** — ^② **A** — ^③ **A / B / C** — **X** *Maker* **Pump Motor Unit PMU**
 See page 3 *Maker*

Note Please refer to “page 3” for DC Motor detail code

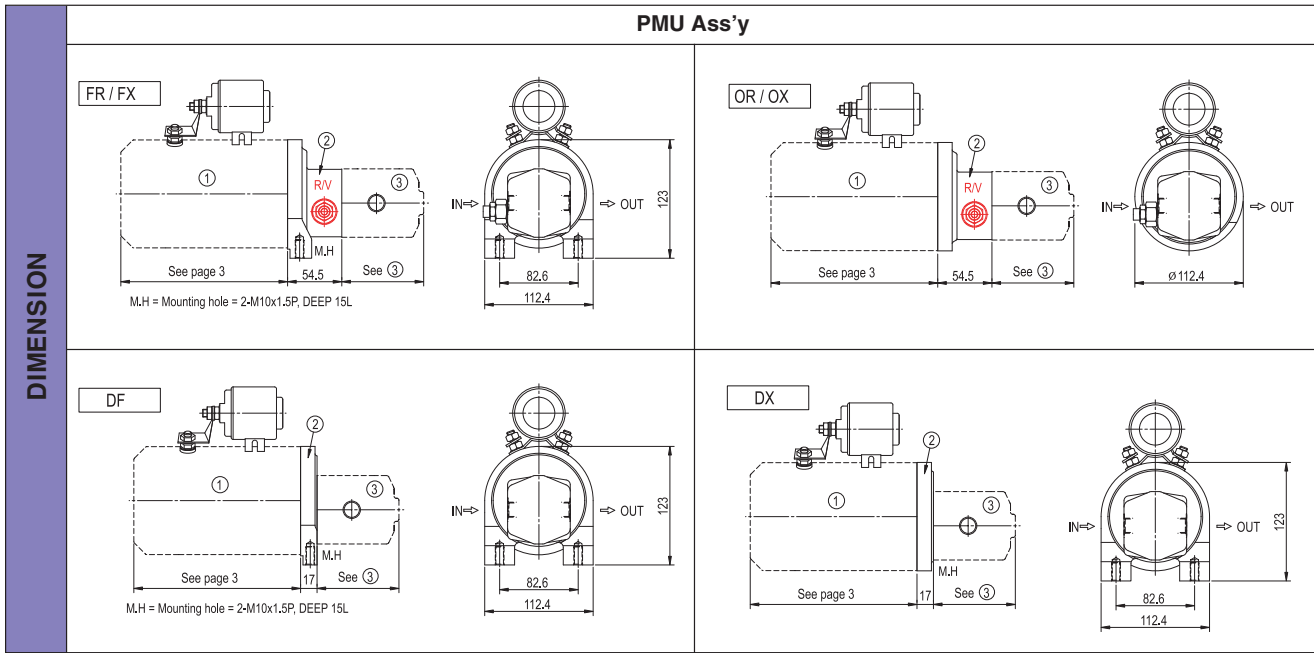
Sub - plate Code ^②

A	Foot / band mounting type			Design			
	Code	Foot	Relief valve	FR / FX	OR / OX	DF	DX
	FR	O	O				
	FX	O	X				
	OR	X	O				
	OX	X	X				
	DF	O	X				
	DX	X	X				

Note DF and DX are not available with relief valve.

Pump Code ^③

A	Gear pump G													
	Code		Specification					Code		Specification				
	B	C	Displacement (cc/rev)	Flow (Liter/min @2500 rpm) DC	Flow (Liter/min @1700 rpm) AC	Max operating pressure (bar)	Max peak pressure (bar)	B	C	Displacement (cc/rev)	Flow (Liter/min @2500 rpm) DC	Flow (Liter/min @1700 rpm) AC	Max operating pressure (bar)	Max peak pressure (bar)
B / C	H	02	0.2	0.5	0.3	190	230	O	11	1.1	2.7	1.8	230	270
	H	03	0.3	0.7	0.5	190	230	O	16	1.6	4.0	2.7	230	270
	H	05	0.5	1.2	0.8	190	230	O	21	2.1	5.2	3.5	230	270
	H	07	0.7	1.7	1.1	190	230	O	23	2.3	5.7	3.9	230	270
	H	11	1.1	2.7	1.8	190	230	O	27	2.7	6.7	4.6	230	270
	Please refer to “Coding No.3” for detail dimension (See page 8)							O	32	3.2	8.0	5.4	210	250
							O	37	3.7	9.2	6.2	210	250	
							O	42	4.2	10.5	7.1	210	250	



Note Applicable motor code : DA05, DB05, D112, D212, D116, D222, D124, D230, D420, L116, L222, L230

