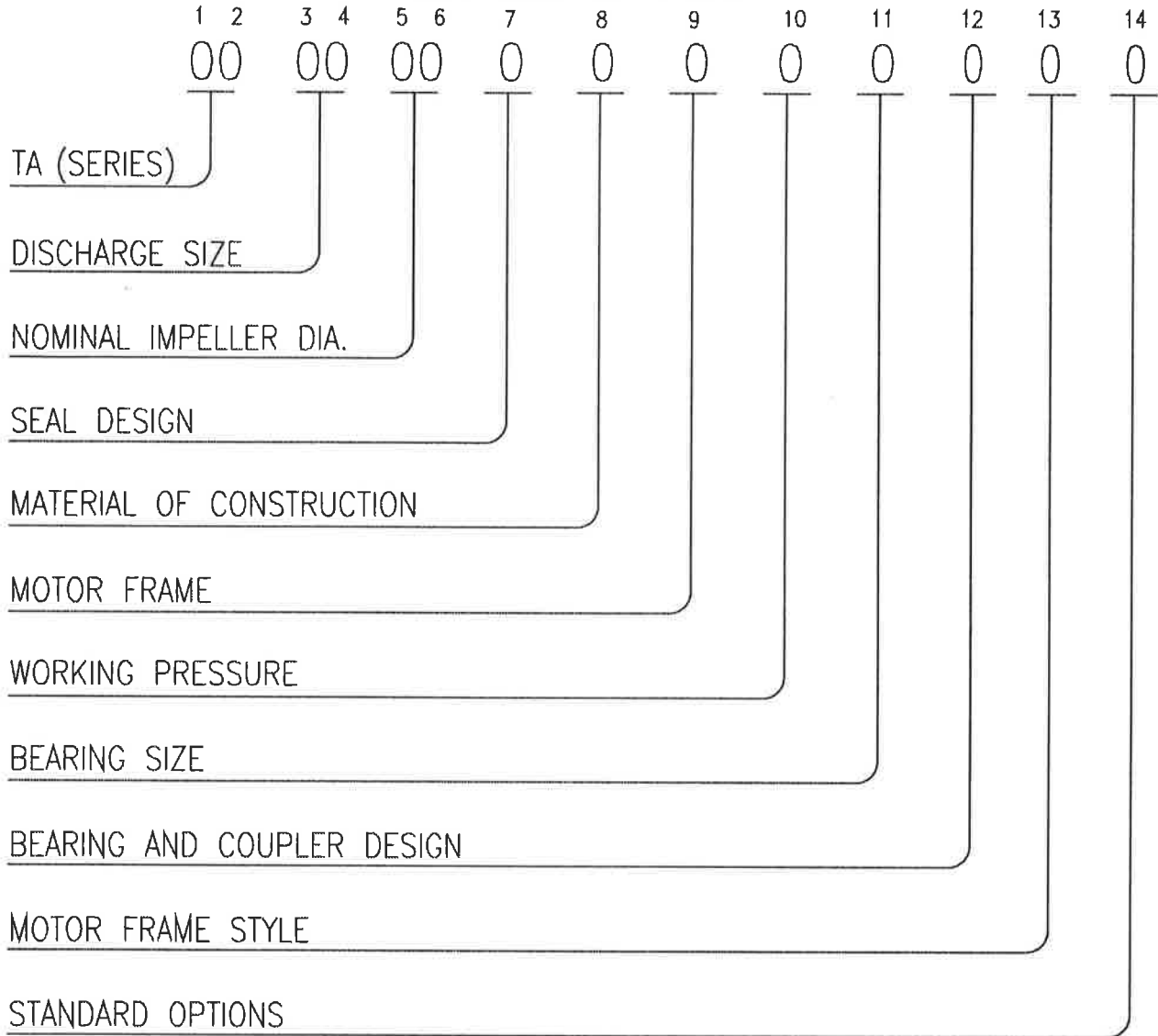


KEY TO TA PUMP CODE

HORIZONTAL SPLIT CASE



FOR PUMP ASSEMBLY DRAWING SEE
 SINGLE ENTRY IMPELLERS: D-951-428 MECH. SEAL
 D-951-429 PACKING

DOUBLE ENTRY IMPELLERS: D-951-090 THRU D-951-093 &
 D-951-1891 THRU D-951-1896

D	6-17-10	ECN 37797	JRD																
C	2-23-10	ECN 36947	RSA																
B	6-6-01	ECN 9827	BITZ																
A	9-6-94	ECN 3389	PL/EM	E	2-28-11	ECN 28621	CK												
REV.	DATE	DESCRIPTION	APP.	REV.	DATE	DESCRIPTION	APP.												
DR	GL	DATE		CHK	KG	APP	EM	A-PL-951-2284				SHEET 1 OF 8		REV.	E				
BY				BY		BY													

PUMP TYPE

(POSITIONS 1 & 2)

1 2 3 4 5 6 7 8 9 10 11 12 13 14
 TA 00 00 0 0 0 0 0 0 0 0 0 0 0

TA: HORIZONTAL SPLIT CASE

DISCHARGE SIZE & NOMINAL IMPELLER DIAMETER

(POSITIONS 3, 4, 5, & 6)

1 2 3 4 5 6 7 8 9 10 11 12 13 14
 00 XX XX 0 0 0 0 0 0 0 0 0 0 0

CODE	DISCHARGE SIZE		CODE	NOMINAL IMPELLER DIA.	
	SIZE			SIZE	
	INCHES	MM		INCHES	CM
05	2	(50MM)	38	15	(38CM)
06	2 1/2	(65MM)	24	9 1/2	(24CM)
08	3	(80MM)	24	9 1/2	(24CM)
08	3	(80MM)	30	11 3/4	(30CM)
08	3	(80MM)	38	15	(38CM)
10	4	(100MM)	30	11 3/4	(30CM)
12	5	(125MM)	24	9 1/2	(24CM)
12	5	(125MM)	29	11 1/2	(29CM)
12	5	(125MM)	30	11 3/4	(30CM)
15	6	(150MM)	24	9 1/2	(24CM)
10	4	(100MM)	24	9 1/2	(24CM)
10	4	(100MM)	38	15	(38CM)
12	5	(125MM)	38	15	(38CM)
15	6	(150MM)	30	11 3/4	(30CM)
15	6	(150MM)	38	15	(38CM)
20	8	(200MM)	30	11 3/4	(30CM)
25	10	(250MM)	24	9 1/2	(24CM)
25	10	(250MM)	30	11 3/4	(30CM)
15	6	(150MM)	48	18 3/4	(48CM)
20	8	(200MM)	38	15	(38CM)
20	8	(200MM)	48	18 3/4	(48CM)
25	10	(250MM)	38	15	(38CM)

D	6-17-10	ECN 37797	JRD				
C	2-23-10	ECN 36947					
B	6-6-01	ECN 9827					
A	5-24-95	ECN 3914		E	2-28-11	ECN 28621	CK
REV	DATE	ECN NO.	APPD	REV	DATE	DESCRIPTION	APPD
DRN	DATE	CHK	APPD	ENG			
BY GL		BY KG	BY EM	APPL			

KEY TO TA PUMP CODE
(HORIZONTAL SPLIT CASE)

A-PL-951-2284 SH# 2 REV
 OF 8 E

SEAL DESIGN
(POSITION 7)

1 2 3 4 5 6 7 8 9 10 11 12 13 14
0 0 0 0 0 0 X 0 0 0 0 0 0 0

SHAFT WATERSEALS PRESENTLY AVAILABLE		
CODE LETTER	TEMP	DESCRIPTION
B (STD)	250°F	SEAT HALF: NI-RESIST RUBBER: EPT
D	300°F CLEAN WATER	SEAT HALF: TUNGSTEN CARBIDE RUBBER: EPT
E	250°F	SEAT HALF: CERAMIC RUBBER: EPT
V	250°F	SEAT HALF: NI-RESIST RUBBER: VITON
W	300°F CLEAN WATER	SEAT HALF: TUNGSTEN CARBIDE RUBBER: VITON
X	250°F	SEAT HALF: CERAMIC RUBBER: VITON
P	250°F	STANDARD PACKING (J.CRANE SUPER SEAL #1)
F	250°F	SEAT HALF: NI-RESIST RUBBER: EPT BALANCED MECHANICAL SEAL
G	300°F CLEAN WATER	SEAT HALF: TUNGSTEN CARBIDE RUBBER: EPT BALANCED MECHANICAL SEAL
H	250°F	SEAT HALF: CERAMIC RUBBER: EPT BALANCED MECHANICAL SEAL
S	250°F	SEAT HALF: NI-RESIST RUBBER: VITON BALANCED MECHANICAL SEAL
T	300°F CLEAN WATER	SEAT HALF: TUNGSTEN CARBIDE RUBBER: VITON BALANCED MECHANICAL SEAL
U	250°F	SEAT HALF: CERAMIC RUBBER: VITON BALANCED MECHANICAL SEAL
Y		LESS PACKING
Z		LESS MECHANICAL SEAL
C	300°F	SEAT: SILICON CARBIDE RUBBER: VITON WASHER: CARBON

D	6-17-10	ECN 37797	JRD				
C	2-23-10	ECN 36947					
B	6-6-01	ECN 9827					
A	5-24-95	ECN 3914		E	2-28-11	ECN 28621	CK
REV	DATE	ECN NO.	APPD	REV	DATE	DESCRIPTION	APPD
DRN	DATE	CHK	APPD	ENG			
BY GL		BY KG	BY EM	APPL			

KEY TO TA PUMP CODE
(HORIZONTAL SPLIT CASE)

A- PL-951-2284 SH# 3
OF 8 REV. E

MATERIAL OF CONSTRUCTION
(POSITION 8)

1 2 3 4 5 6 7 8 9 10 11 12 13 14
0 0 0 0 0 0 0 0 0 0 0 0 0

CODE #	MATERIALS				
	CASING	IMPELLER	CASING WEAR RING	SHAFT	SHAFT SLEEVE
1 OBSOLETE	CAST IRON	CAST IRON	CAST IRON	CARBON STEEL	STAINLESS STEEL
2 STANDARD	CAST IRON	BRONZE	BRONZE	CARBON STEEL	BRONZE
3	CAST IRON	BRONZE	BRONZE	CARBON STEEL	STAINLESS STEEL
4 OBSOLETE	CAST IRON	CAST IRON	CAST IRON	CARBON STEEL	BRONZE
5 OBSOLETE	CAST IRON	CAST IRON	CAST IRON	STAINLESS STEEL	STAINLESS STEEL
6 OBSOLETE	CAST IRON	CAST IRON	CAST IRON	STAINLESS STEEL	BRONZE
7	CAST IRON	BRONZE	BRONZE	STAINLESS STEEL	STAINLESS STEEL
8	CAST IRON	BRONZE	BRONZE	STAINLESS STEEL	BRONZE

D	6-17-10	ECN 37797	JRD					KEY TO TA PUMP CODE (HORIZONTAL SPLIT CASE)
C	2-23-10	ECN 36947						
B	6-6-01	ECN 9827						
A	1-9-98	ECN 6304	E	2-28-11	ECN 28621	CK		
REV	DATE	ECN NO.	APPD	REV	DATE	ECN NO.	APPD	
DRN BY	DATE	CHK BY KG	APPD BY EM	ENG APPL	A-PL-951-2284		SH# 4 OF 8	REV. E

MOTOR FRAME

(POSITION 9)

1 2 3 4 5 6 7 8 9 10 11 12 13 14
 0 0 0 0 0 0 0 0 X 0 0 0 0 0

CODE LETTER	NEMA MOTOR FRAME (MOTOR FRAME STYLE CODES S, L, W, & U)	IEC MOTOR FRAME (MOTOR FRAME STYLE CODES 2 & 4)
T	48	
A	56	
B	143	
C	145	90S
D	182	90L
E	184	100L
F	213	112M
G	215	132S
H	254	132M
J	(E) 256	160M
K	284	160L
L	(E) 286	180M
M	324	180L
N	326	200L
P	364	225S
Q	365	225M
R	404	250M
S	405	280S
(E) U	256, 3450 RPM	OBSOLETE 280M
(E) V	286, 3450 RPM	OBSOLETE 315S
W	447, 1750 RPM-300HP	315M
X	PUMP ONLY-NO MOTOR & BASE	315L
Y	444	
Z	445	
(E) 2	447, 1750 RPM-350HP	OBSOLETE
3	449	
4	G5010	

D	6-17-10	ECN 37797	JRD				
C	2-23-10	ECN 36947					
B	6-6-01	ECN 9827					
A	1-9-98	ECN 6304	E	2-28-11	ECN 28621	CK	
REV	DATE	ECN NO.	APPD	REV	DATE	ECN NO.	APPD
I. DRN	DATE	CHK	APPD	ENG			
BY		BY KG	BY EM	APPL			

KEY TO TA PUMP CODE
(HORIZONTAL SPLIT CASE)

A-PL-951-2284 SH#5 OF 8 REV. E

WORKING PRESSURE

(POSITION 10)

1 2 3 4 5 6 7 8 9 10 11 12 13 14
 0 0 0 0 0 0 0 0 0 0 0 0 0 0

1: 125 PSIG FLANGED (STANDARD) W/J. CRANE TYPE 21 SEALS
 2: 250 PSIG FLANGED W/J. CRANE TYPE 2 SEALS

BEARING SIZE

(POSITION 11)

1 2 3 4 5 6 7 8 9 10 11 12 13 14
 0 0 0 0 0 0 0 0 0 0 0 0 0

BEARING SIZE	MODEL NO.
A	0538
A	0624
A	0824
A	0830
A	0838
A	1030
A	1224
A	1229
A	1230
A	1524
B	1024
B	1038
B	1238
B	1530
B	1538
B	2030
B	2524
B	2530
C	1548
C	2038
C	2048
C	2538

D	6-17-10	ECN 37797	JRD				
C	2-23-10	ECN 36947					
B	6-6-01	ECN 9827					
A	1-9-98	ECN 6304	E	2-28-11	ECN 28621	CK	
REV	DATE	ECN NO.	APPD	REV	DATE	ECN NO.	APPD
DRN	DATE	CHK	APPD	ENG			
BY		BY KG	BY EM	APPL			

KEY TO TA PUMP CODE
 (HORIZONTAL SPLIT CASE)

A-PL-951-2284 SH#6 OF 8 REV. E

BASE AND COUPLER DESIGN

(POSITION 12)

1 2 3 4 5 6 7 8 9 10 11 12 13 14
0 0 0 0 0 0 0 0 0 0 0 0 0

CODE NO.	DESCRIPTION
1-OBSOLETE	ONE PIECE STEEL BASE
2-OBSOLETE	INVERTED YOKE WITH STANDARD COUPLER GUARD
3-OBSOLETE	INVERTED YOKE WITH OSHA COUPLER GUARD
4-OBSOLETE	INVERTED YOKE WITH LOW PROFILE TRACKS & STD. COUPLER GUARD
5-OBSOLETE	INVERTED YOKE WITH LOW PROFILE TRACKS & OSHA COUPLER GUARD
6-STANDARD	BOLTED YOKE WITH STANDARD COUPLER GUARD
7	BOLTED YOKE WITH OSHA COUPLER GUARD

MOTOR FRAME STYLE

(POSITION 13)

1 2 3 4 5 6 7 8 9 10 11 12 13 14
0 0 0 0 0 0 0 0 0 0 0 0 0

CODE LETTER	DESCRIPTION	CODE LETTER	DESCRIPTION
S	"TS"	2	IEC-2 POLE
L	"T" & 56 FRAME	4	IEC-4 POLE
W	PUMP ONLY		
U	"U"		

STANDARD OPTIONS

(POSITION 14)

1 2 3 4 5 6 7 8 9 10 11 12 13 14
0 0 0 0 0 0 0 0 0 0 0 0 0

CODE NO.	DESCRIPTION
0	STANDARD
1	DODGE COUPLER
2	FALK COUPLER

D	6-17-10	ECN 37797	JRD						KEY TO TA PUMP CODE (HORIZONTAL SPLIT CASE)				
C	2-23-10	ECN 36947											
B	10-24-95	ECN 4282											
A	9-6-94	ECN 3389	PL EM	E	2-28-11	ECN 28621	CK						
REV	DATE	ECN NO.	APPD	REV	DATE	DESCRIPTION	APPD						
DRN BY	GL	DATE	CHK BY	KG	APPD BY	EM	ENG APPL	A- PL-951-2284 SH# 7 OF 8 REV. E					

END ITEM	1	2	3	4	5	6	7	8	9	10	11	12	13	14	PART TYPE	TYPE MOD.	QTY REQ'D
	T	A													M	E	1

COMMON PARTS MODULE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	T	M	1
	T	A	0	0	0	0	0	0	0	0	0	0	0	0	SPP MOD.		
							S	P	P								

STUFFING BOX MODULE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	T	M	1
	T	A	0	0	0	0		0	0	0		0	0	0			

② WHEN 5 APPEARS—USE HERE

NON-SUB ASSY ITEMS MODULE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	T	M	1
	T	A	0	0	0	0			0	0		0	0	0	SPP MOD.		
							S	P	P								

IMPELLER MODULE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	T	M	1
	T	A					0	0	0	0	0	0	0	0	SPP MOD.		
							S	P	P								

BASIC PARTS MODULE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	T	M	1
	T	A						0	0		0	0	0	0			

MOTOR PARTS MODULE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	T	M	1
	T	A						0	0	0	0				OBSOLETE		

① MOD. NOT REQ'D WHEN "X" APPEARS

③ WHEN 6 APPEARS USE HERE

SHAFT SLEEVE & INSERT MODULE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	T	M	1
	T	A							0	0	0	0	0	0	SPP MOD.		
							S	P	P								

MOTOR PARTS MODULE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	T	M	1
	T	A						0	0		0	0					

FOR INVERTED YOKE DESIGN BASE

2—STD COUPLER GUARD

3—OSHA COUPLER GUARD

① MOD. NOT REQ'D WHEN "X" APPEARS

REV.	DATE	DESCRIPTION	APP.	REV.	DATE	DESCRIPTION	APP.
D	6-17-10	ECN 37797	JRD				
C	2-23-10	ECN 36947					
B	10-24-95	ECN 4282					
A	6-6-01	ECN 9827		E	2-28-11	ECN 28621	CK
DR BY	BP	DATE	6-25-93	CHK BY	KG	APP BY	EM

KEY TO TA PUMP CODE (HORIZONTAL SPLIT CASE)

A-PL-951-2284

SHEET 8 OF 8 REV. E