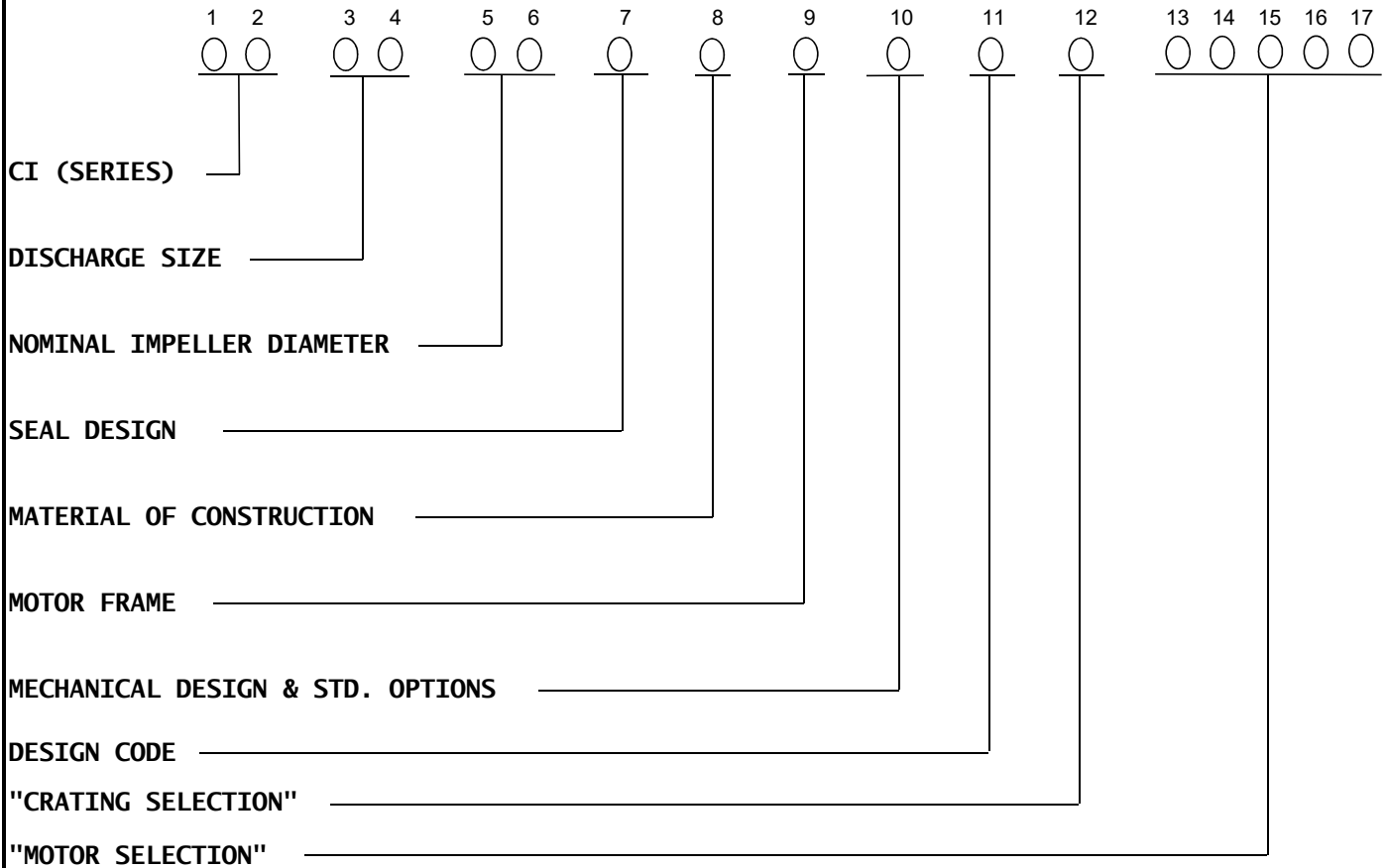


KEY TO "CI" PUMPS TACO IN-LINE, END SUCTION PUMPS



FOR PUMP ASSEMBLY, SEE DRAWING: 953-1546

AB	1/2/2019	52950	FRF
AA	10/4/2018	52671	SPA
REV	DATE	ECO	APPD

DRAWN	DATE	CHECKED	APPROVAL	ENG. APPROVAL
BY: JRD	05/31/18	BY: FF	BY: SPA	BY: XXX

KEY TO CI PUMP CODE TACO IN-LINE, END SUCTION PUMPS		
A-PL-953-1541	SHEET 1 OF 6	REV AB

PUMP TYPE POSITIONS 1 & 2

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
X	X	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CODE	DESCRIPTION
CI	CLOSE COUPLED, END SUCTION PUMP

PUMP DISCHARGE SIZE AND IMPELLER DIAMETER POSITIONS 3 thru 6

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
0	0	X	X	X	X	0	0	0	0	0	0	0	0	0	0	0

DISCHARGE SIZE CODE	DISCHARGE SIZE INCH	IMPELLER SIZE INCH	NOMINAL IMPELLER SIZE INCH
12	1 1/4	06	6 1/4
15	1 1/2	06	6 1/4
25	2 1/2	06	6 1/4
12	1 1/4	07	7 1/4
15	1 1/2	07	7 1/4
20	2	07	7 1/4
25	2 1/2	07	7 1/4
30	3	07	7 1/4
40	4	75	7
40	4	07	7 1/4
50	5	07	7 1/4
25	2 1/2	08	8 3/4
12	1 1/4	09	9 1/2
15	1 1/2	09	9 1/2
20	2	09	9 1/2
25	2 1/2	09	9 1/2
30	3	09	9 1/2
40	4	09	9 1/2
50	5	09	9 1/2
50	5	95	9 1/2
60	6	09	9 1/2
25	2 1/2	10	10
15	1 1/2	11	11 1/4
25	2 1/2	11	11
30	3	11	11
40	4	11	11
50	5	11	11
60	6	11	11
20	2	13	13 1/2
25	2 1/2	13	13 1/2
30	3	13	13 1/2
40	4	13	13 1/2

TACO HAS NOT BEING SELLING 5013 AND 6013 MODELS AS OF 11-1-03

AB	1/2/2019	52950	FRF
AA	10/4/2018	52671	SPA
REV	DATE	ECO	APPD
DRAWN BY: JRD	DATE 05/31/18	CHECKED BY: FF	APPROVAL BY: SPA
			ENG. APPROVAL BY: XXX

KEY TO CI PUMP CODE		
TACO IN-LINE,		
END SUCTION PUMPS		
A-PL-953-1541	SHEET 2 OF 6	REV AB

SEAL CODE - POSITION 7

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	0

CODE	TEMP (F)	MATERIAL	CODE	TEMP (F)	MATERIAL
B	250°	SEAT HALF - NI-RESIST RUBBER COMPONENT - EPT	L	225°	SEAT HALF - CERAMIC RUBBER COMPONENT - BUNA
D	300° (CLEAN WATER)	SEAT HALF - TUNGSTEN CARBIDE RUBBER COMPONENT - EPT	V	250°	SEAT HALF - NI-RESIST RUBBER COMPONENT - VITON
E (STD.)	250°	SEAT HALF - CERAMIC RUBBER COMPONENT - EPT	W	300° (CLEAN WATER)	SEAT HALF - TUNGSTEN CARBIDE RUBBER COMPONENT - VITON
F	250°	SEAT HALF - Si-CARBIDE RUBBER COMPONENT - EPT	X	250°	SEAT HALF - CERAMIC RUBBER COMPONENT - VITON
J	225°	SEAT HALF - NI-RESIST RUBBER COMPONENT - BUNA	Z		NO SEAL REQUIRED (MECHANICAL SEAL DESIGN)
K	225°	SEAT HALF - TUNGSTEN CARBIDE RUBBER COMPONENT - BUNA			

MATERIAL OF CONSTRUCTION - POSITION 8

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0

CODE	CASING	IMPELLER	COVER	SHAFT SLEEVE
1	CAST IRON	CAST IRON	CAST IRON	STAINLESS STEEL
2 (STD.)	CAST IRON	BRONZE	CAST IRON	BRONZE
3	CAST IRON	BRONZE	CAST IRON	STAINLESS STEEL
4 (NSF)	CAST IRON	STAINLESS STEEL	CAST IRON	BRONZE

KEY TO CI PUMP CODE TACO IN-LINE, END SUCTION PUMPS		
A-PL-953-1541	SHEET 3 OF 6	REV AB

DRAWN BY: JRD	DATE 05/31/18	CHECKED BY: FF	APPROVAL BY: SPA	ENG. APPROVAL BY:XXX
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MOTOR FRAME CODE - POSITION 9

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0

CODE	MOTOR FRAME	CODE	MOTOR FRAME	FOR USE WITH C1209C & C11507D CONFIGURATIONS ONLY REQUIRING A 7/8" MOTOR SHAFT
	NEMA FRAME SIZE		NEMA FRAME SIZE	
H,1	143-145 JM	S,8	254-256 TCZ	
J,2	182-184 JM	T,9	284-286 TCZ	
K,3	213-215 JM	V,0	324-326 TCZ	
L,4	254-256 JM			
M,5	284-286 JM			
N,6	324-326 JM			
R,7	364-365 JM			

PUMP MODEL #'S	CODE	RPM	IMPELLER DESCRIPTION
1206D, 1506D, 2506D, 1207D, 1507D, 1509D, 2009D, 3009D, 4007D, 5007D, 2007D, 2509D, 3007D	H-V	1160, 1450, 1760	WITHOUT BALANCE HOLES
	0-9	2900, 3500	WITH BALANCE HOLES
2507D, 1209, 4009D, 5009D, 6009D, 1511, 2511D, 3011D, 4011C, 5011D, 6011D, 2513D, 3013D, 4013D, 2510C, 5095, 4075, 2013C, 2508	H-V	1160, 1450, 1760, 2900, & 3500	WITH OR WITHOUT BALANCE HOLES

AB	1/2/2019	52950	FRF
AA	10/4/2018	52671	SPA
REV	DATE	ECO	APPD
DRAWN BY: JRD	DATE 05/31/18	CHECKED BY: FF	APPROVAL BY: SPA

KEY TO CI PUMP CODE TACO IN-LINE, END SUCTION PUMPS	
A-PL-953-1541	SHEET 4 OF 6
REV AB	

MECHANICAL DESIGN CODE - POSITION 10

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
0	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0

CODE	MECHANICAL DESIGN
A (STD.)	MECHANICAL DESIGN - DRY SHAFT (125PSI WITHOUT WEAR RING)
B	MECHANICAL DESIGN - DRY SHAFT (250PSI WITHOUT WEAR RING)
C (STD.)	MECHANICAL DESIGN - DRY SHAFT (125PSI WITH BRONZE WEAR RING)
D	MECHANICAL DESIGN - DRY SHAFT (250PSI WITH BRONZE WEAR RING)

DESIGN CODE - POSITION 11

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
0	0	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0

CODE	HYDRAULIC DESIGN HISTORY
A	FOR HYDRAULICS AS OF JANUARY 1, 2002
B	FOR HYDRAULICS AS OF JANUARY 31, 2004
C	FOR NEW HYDRAULICS/DESIGNS AS OF JANUARY 20, 2012
D	FOR NEW HYDRAULICS/DESIGNS AS OF JUNE 1, 2016

CRATING OPTION - POSITION 12

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
0	0	0	0	0	0	0	0	0	0	0	X	0	0	0	0	0

NOTE: Position 12

If position 12 is an X do not use operation 9500-740

If position 12 is a Z use operation 9500-740

12	Z = CRATING
X	X = NO CRATING

Sequence #	Operation Code	Description	Labor Entry
10	3702-715	MACH CYCLE-CI PUMP WASH	Backflush
20	3702-710	CI PUMP PICK-WASH-PREP	Backflush
30	3702-730	CI PUMP ASSY PUMP COMPLETE	Quantity Only
40	3702-745	MACH CYCLE-CI PUMP TEST	Backflush
50	3702-740	CI PUMP HYDRO-TEST	Backflush
60	3702-770	CI PUMP PAINT & PREP TO SHIP	Quantity Only
70	9500-740	CRATE KS, KV, CI PUMPS	Quantity Only

MOTOR CODE - POSITION 13-17

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
0	0	0	0	0	0	0	0	0	0	0	0	X	X	X	X	X

**MOTOR SELECTION
CROSS INDEX NUMBER**

AB	1/2/2019	52950	FRF
AA	10/4/2018	52671	SPA
REV	DATE	ECO	APPD
DRAWN BY: JRD	DATE 05/31/18	CHECKED BY: FF	APPROVAL BY: SPA

KEY TO CI PUMP CODE TACO IN-LINE, END SUCTION PUMPS	
A-PL-953-1541	SHEET 5 OF 6 REV AB