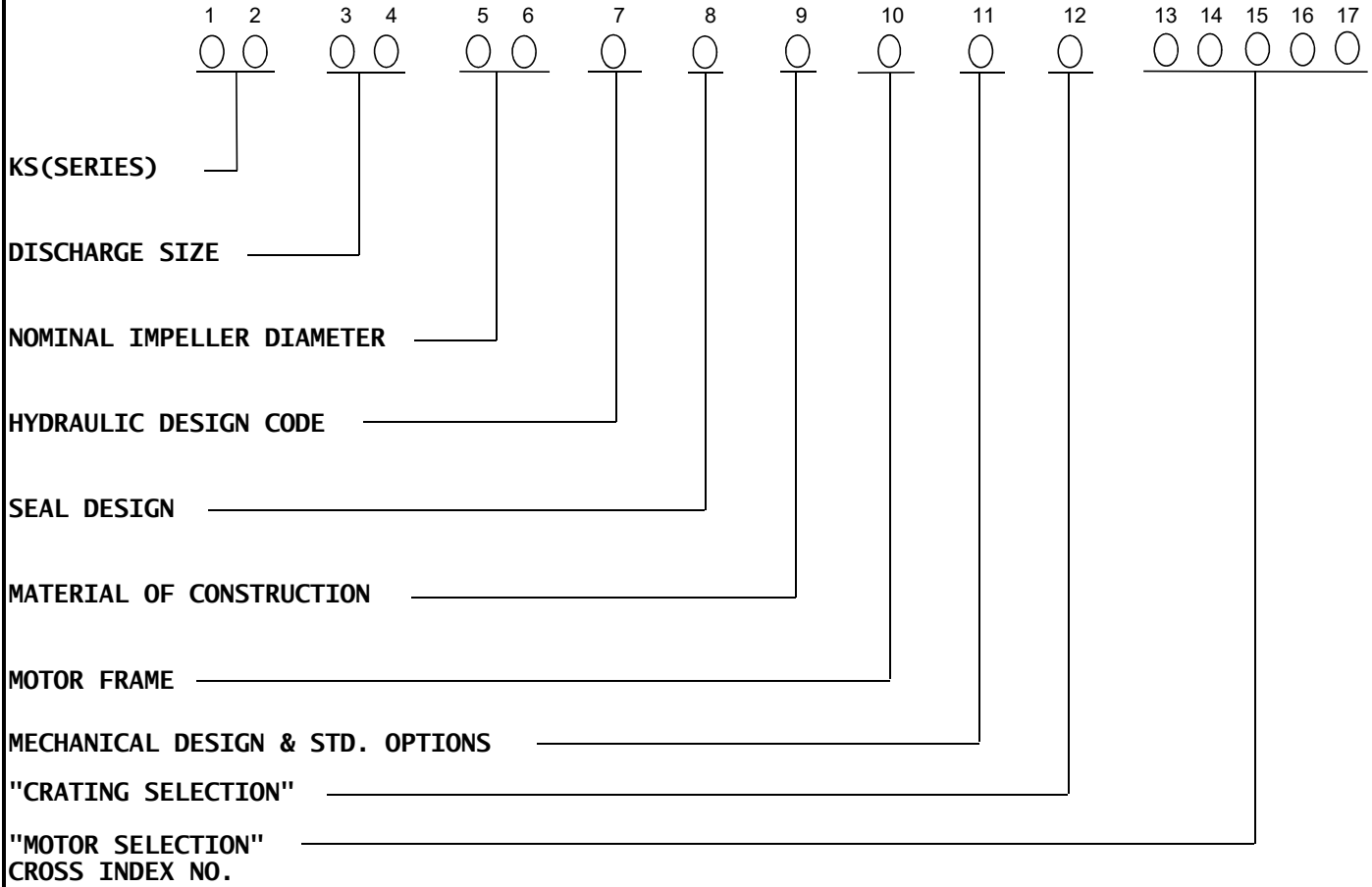


KEY TO "KS" PUMPS TACO VERTICAL IN-LINE PUMPS



FOR PUMP ASSEMBLY, SEE DRAWING: 953-1594 SH 1 & 2

T	9/4/2019	53708	WT
R	6/27/2019	52950	SPA
P	9/3/2015	44325	MS
N	4/7/2015	43861	MS
M	10/2/2013	41819	MS
REV	DATE	ECO	APPD

KEY TO KS PUMP CODE TACO VERTICAL IN-LINE, SPLIT COUPLER

DRAWN BY: WT	DATE 01/03/19	CHECKED BY:	APPROVAL BY:	ENG. APPROVAL BY:
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**SHEET
1 OF 5**

**REV
T**

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
KS	VERTICAL IN LINE SPLIT COUPLER SERIES

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	NOMINAL IMPELLER SIZE INCH	NOMINAL IMPELLER SIZE INCH
15	1 1/2	06	6 1/4
20	2	06	6 1/4
30	3	06	6 1/4
15	1 1/2	07	7 1/4
20	2	07	7 1/4
30	3	07	7 1/4
40	4	75	7
40	4	07	7 1/4
50	5	75	7
50	5	07	7 1/4
60	6	07	7 1/4
25	2 1/2	08	8 9/16
15	1 1/2	09	9 1/2
20	2	09	9 1/2
30	3	09	9 1/2
40	4	09	9 1/2
50	5	95	9 1/2
60	6	09	9 1/2
60	6	95	9 1/2
25	2 1/2	10	10 1/8
20	2	11	11 1/4
30	3	11	11
40	4	11	11
60	6	11	11
80	8	11	11
30	3	13	13 1/2
40	4	13	13 1/2
60	6	13	13 1/2
80	8	13	13 1/2
10	10	13	13
12	12	13	13
14	14	15	16
10	10	16	16

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**KEY TO KS PUMP CODE
TACO VERTICAL IN-LINE,
SPLIT COUPLER**

DRAWN BY: WT	DATE 01/03/19	CHECKED BY:	APPROVAL BY:	ENG. APPROVAL BY:	A-PL-953-1587	SHEET 2 OF 5	REV T
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DESIGN 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	HYDRAULIC DESIGN HISTORY
A	FOR HYDRAULICS AS OF JAN. 1, 1999
B	FOR HYDRAULICS AS OF SEPT 1, 2007, USED ONLY FOR PUMP SIZE KS1213 & KS1415
D	FOR NEW HYDRAULICS/DESIGNS AS OF SEPT 16, 2019

SEAL CODE - 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		TEMP (F)	MATERIAL
STD DESIGN	EXTERIOR DESIGN		
B	U	250°	SEAT HALF - NI-RESIST RUBBER COMPONENT - EPT
D	W	300° <small>(CLEAN WATER)</small>	SEAT HALF - TUNGSTEN CARBIDE RUBBER COMPONENT - EPT
E (STD.)	V (STD.)	250°	SEAT HALF - CERAMIC RUBBER COMPONENT - EPT
F	1	250°	SEAT HALF - SI-CARBIDE RUBBER COMPONENT - EPT

OPTIONAL SEAL

CODE	DESCRIPTION
P	PACKING

MATERIAL OF CONSTRUCTION - 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	CASING	IMPELLER	COVER	SPEED IN RPM'S AND BALANCE HOLE REQUIREMENTS	
				1160, 1450, 1760 W/O BALANCE HOLES	1160, 1450, 1760, 2900, 3500 WITH OR W/O BALANCE HOLES
1	CAST IRON	CAST IRON	CAST IRON	1506D, 2006D, 3006D, 1507D, 2007D, 3007D, 5007D, 3009D, 4007D, 4009D, 6007D, 2009D	6009D, 2011, 3011D, 4011D, 6011D, 8011D, 3013D, 4013D, 6013D, 8013D, 1013, 1213B, 8016, 1016, 1415B, 1217, 1509, 4075, 5095, 2510, 2508, 5075
2 (STD.)	CAST IRON	BRONZE	CAST IRON		
3	CAST IRON	S'STEEL	CAST IRON		
4	S'STEEL	S'STEEL	S'STEEL		
5 (NSF)	CAST IRON	S'STEEL	CAST IRON		

CODE	CASING	IMPELLER	COVER	SPEED IN RPM'S AND BALANCE HOLE REQUIREMENTS	
				2900 & 3500 WITH BALANCE HOLES	
A	CAST IRON	BRONZE	CAST IRON	1506D, 2006D, 3006D, 1507D, 2007D, 3007D, 5007D, 3009D, 4007D, 4009D, 6007D, 2009D	
B	CAST IRON	S'STEEL	CAST IRON		
C (NSF)	CAST IRON	S'STEEL	CAST IRON		

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KEY TO KS PUMP CODE TACO VERTICAL IN-LINE, SPLIT COUPLER		
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MOTOR FRAME - 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

HP		CZ		TC/TSC	
CODE	MOTOR FRAME NEMA FRAME SIZE	CODE	MOTOR FRAME NEMA FRAME SIZE	CODE	MOTOR FRAME NEMA FRAME SIZE
A	143-145HP	H	143-145CZ	R	284-286TSC (2900 & 3500 RPM)
B	182-184HP, 213-215HP	J	182-184CZ, 213-215CZ	T	324-326TSC (2900 & 3500 RPM)
C	254-256HP	K	254-256CZ	U	364-365TSC (2900 & 3500 RPM)
D	284-286HP	L	284-286CZ	1	143-145TC (1150-3500 RPM)
E	324-326HP	M	324-326CZ	2	182-184TC (1150-3500 RPM)
F	364-365HP, 404-405HP	N	364-365CZ, 404-405CZ	3	213-215TC (1150-3500 RPM)
G	444-445HP, 447-449HP	P	444-445CZ, 447-449CZ	4	254-256TC (1150-3500 RPM)
S	L449HPH (Ø 2.75 SHAFT)	Q	5000 P-BASE	5	284-286TC (1150-1760 RPM)
<p style="color: red; text-align: center;">FOR USE WITH MODELS: 1506, 2006, 3006, 1507, 2007, 3007, 4007, 4075, 5007, 5075, 5095, 1509, 2009, 2508, 3009, 4009, 6009, 2510, 2011, 3011, 4011, 6011, 8011, 3013, 4013, 6013, 8013, 1013, 1213B, 8016, 1016, 1415B, 1217,</p>				6	324-326TC (1150-1760 RPM)
				7	364-365TC (1150-1760 RPM)
				8	404-405TC
				<p style="color: red;">FOR USE WITH "D" MODELS: 1506D, 2006D, 3006D, 1507D, 2007D, 3007D, 5007D, 3009D, 4007D, 4009D, 6007D, 2009D 6009D, 3011D, 4011D, 6011D, 8011D, 3013D, 4013D, 6013D, 8013D</p>	

T	9/4/2019	53708	WT
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REV	DATE	ECO	APPD

KEY TO KS PUMP CODE	
TACO VERTICAL IN-LINE, SPLIT	
COUPLER	
A-PL-953-1587	SHEET 4 OF 5
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MECHANICAL 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	MECHANICAL DESIGN
A	MECHANICAL DESIGN - DRY SHAFT (125PSI WITH BRONZE WEAR RING)
B	MECHANICAL DESIGN - DRY SHAFT (250PSI WITH BRONZE WEAR RING)
C (STD.)	MECHANICAL DESIGN - DRY SHAFT (125PSI WITHOUT WEAR RING)
D (STD.)	MECHANICAL DESIGN - DRY SHAFT (250PSI WITHOUT WEAR RING)
J (=C)	MECHANICAL DESIGN - DRY SHAFT (125PSI WITH CAST IRON WEAR RING)
K (=D)	MECHANICAL DESIGN - DRY SHAFT (250PSI WITH CAST IRON WEAR RING)
E	MECHANICAL DESIGN - DRY SHAFT (125PSI WITH BRONZE WEAR RING) WITH PUMP SUPPORT STAND
F	MECHANICAL DESIGN - DRY SHAFT (250PSI WITH BRONZE WEAR RING) WITH PUMP SUPPORT STAND
G (STD.)	MECHANICAL DESIGN - DRY SHAFT (125PSI WITHOUT WEAR RING) WITH PUMP SUPPORT STAND
H (STD.)	MECHANICAL DESIGN - DRY SHAFT (250PSI WITHOUT WEAR RING) WITH PUMP SUPPORT STAND
L (=G)	MECHANICAL DESIGN - DRY SHAFT (125PSI WITH CAST IRON WEAR RING) WITH PUMP SUPPORT STAND
M (=H)	MECHANICAL DESIGN - DRY SHAFT (250PSI WITH CAST IRON WEAR RING) WITH PUMP SUPPORT STAND

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	3701-711	MACH CYCLE-KS PUMP WASH	Backflush
20	3701-710	KS PUMP PICK-WASH-PREP	Backflush
30	3701-706	KS PUMP ASSY ROTATION SUB-ASSY	Quantity Only
40	3701-712	KS PUMP ASSY WET END & SH	Quantity Only
50	3701-714	MACH CYCLE-KS PUMP TEST	Backflush
60	3701-713	KS PUMP HYDRO-TEST	Backflush
70	3701-715	KS PUMP ASSY MOTOR TO PUMP	Quantity Only
80	3701-717	KS PUMP COUPLE FINAL ASSY	Backflush
90	3701-721	KS PUMP PAINT & PACK	Quantity Only
100	9500-740	CRATE KS, KV, CI PUMPS	Quantity Only

LARGE KS PUMPS

NOTE: Large KS pumps series are 8016, 1013, 1213, 1415, 1016, & 1217

Sequence #	Operation Code	Description	Labor Entry
10	3409-709	WASH CYCL KS LG CASING & COVER	Backflush
20	3409-710	KS LG PUMP ASSY WETEND & TEST	Quantity Only
30	3409-711	KS LG PUMP PAINT & PREP MOTOR	Quantity Only
40	3409-713	KS LG PUMP PAINT & FINAL ASSY	Quantity Only
50	3409-715	KS LG PUMP PREP FOR SHIPMENT	Quantity Only
60	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

T	9/4/2019	53708	WT
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P	9/3/2015	44325	MS
N	4/7/2015	43861	MS
M	10/2/2013	41819	MS
REV	DATE	ECO	APPD

**KEY TO KS PUMP CODE
TACO VERTICAL IN-LINE, SPLIT
COUPLER**

DRAWN BY: WT	DATE: 01/03/19	CHECKED BY:	APPROVAL BY:	ENG. APPROVAL BY:	A-PL-953-1587	SHEET 5 OF 5	REV T
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