

PUMP TYPE POSITION 1&2 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
 KV 00 00 0 0 0 0 0 0 0 0 0 0 0 0

DISCHARGE SIZE AND IMPELLER DIAMETER CODES POSITIONS 3-6 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
 KV XX XX 0 0 0 0 0 0 0 0 0 0 0 0

DISCHARGE SIZE			NOM. IMPELLER DIA.		
CODE	SIZE		CODE	SIZE	
	INCH	MM		INCH	MM
15	1.5	40	06	6 1/4	159
20	2	50	06	6 1/4	159
30	3	80	06	6 1/4	159
15	1.5	40	07	7 1/2	191
20	2	50	07	7 1/2	191
30	3	80	07	7 1/2	191
(H) 40	4	100	75	7	178
(H) 40	4	100	07	7 1/2	191
(H) 50	5	125	75	7	178
50	5	125	07	7 1/2	191
(H) 25	2.5	64	08	8 9/16	217
15	1.5	40	09	9 1/2	241
20	2	50	09	9 1/4	235
30	3	80	09	9 1/4	235
40	4	100	09	9 1/4	235
(H) 50	5	127	95	9 1/2	241
(H) 60	6	150	09	9 1/4	235
60	6	150	95	9 1/2	241
(H) 25	2.5	64	10	10 1/8	257
20	2	50	11	11 1/4	286
30	3	80	11	11 1/4	286
40	4	100	11	11 1/4	286
60	6	150	11	11 1/4	286
80	8	200	11	11 1/4	286
30	3	80	13	13	330
40	4	100	13	13	330
60	6	150	13	13	330
80	8	200	13	13	330
10	10	260	13	13	330

HYDRAULIC DESIGN POSITION 7 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
 KV 00 00 X 0 0 0 0 0 0 0 0 0 0

A-FOR HYDRAULICS AS OF JAN. 1, 1999 (TACO DESIGN HYDRAULICS)

E	6-7-01	ECN 9827	BTZ				
D	5-7-01	ECN 9743	MS				
C	12-11-00	ECN 9284		J	5-09-05	ECN 13762	PJ
B	10-19-00	ECN 9115	MS	H	10-8-02	ECN 10965	RZ
A	7-19-99	ECN 7642	PL/JEC	F	6-29-01	ECN 9917	
REV.	DATE	DESCRIPTION	APP.	REV.	DATE	DESCRIPTION	APP.

KEY TO KV PUMP CODE
 (VERTICAL IN LINE)

DR BY GL DATE 4-29-99 CHK BY PL APP BY JEC A-PL-953-1552 SHEET 2 OF 7 REV. J

SEAL DESIGN CODE
POSITION 8

12 34 56 7 8 9 10 11 12 13 14 15 16
 KV 00 00 0 **X** 0 0 0 0 00000

SHAFT WATERSEALS PRESENTLY AVAILABLE		
CODE LETTER	TEMP	DESCRIPTION
B	250°F	SEAT HALF: NI-RESIST RUBBER: EPT
D	300°F CLEAN WATER	SEAT HALF: TUNGSTEN CARBIDE RUBBER: EPT
E (STD)	250°F	SEAT HALF: CERAMIC RUBBER: EPT

G	8-22-01	ECN 10033					
F	6-29-01	ECN 9917	BTZ				
E	6-7-01	ECN 9827	BTZ				
SKIPPED B, C, & D FOR CONSISTENT REV.				J	5-09-05	ECN 13762	PJ
A	7-19-99	ECN 7642	PL/JEC	H	10-8-02	ECN 10965	RZ
REV.	DATE	DESCRIPTION	APP.	REV.	DATE	DESCRIPTION	APP.
DR BY	GL	DATE	4-29-99	CHK BY	PL	APP BY	JEC

KEY TO KV PUMP CODE
(VERTICAL IN LINE)

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SHEET 3 OF 7

REV. J

MATERIAL OF CONSTRUCTION
POSITION 9

12 34 56 7 8 9 10 11 12 13 14 15 16
KV 00 00 0 0 **X** 0 0 00000

MATERIAL						
					(REFERENCE ONLY)	(J)
CODE LTR	IMPELLER	SHAFT SLV.	CASING	COVER		
1	C.I.	ST. STL.	C.I.	C.I.		
2	BRZ.	BRZ.	C.I.	C.I.	(STD)	
3	BRZ.	ST. STL.	C.I.	C.I.		

H	10-8-02	ECN10965	RZ					KEY TO KV PUMP CODE (VERTICAL IN LINE)
F	6-29-01	ECN 9917						
E	6-7-01	ECN 9827	BTZ					
SKIPPED B, C, & D FOR CONSISTENT REV.								
A	7-19-99	ECN 7642	PL/EC	J	5-09-05	ECN 13762	PJ	
REV.	DATE	DESCRIPTION	APP.	REV.	DATE	DESCRIPTION	APP.	
OR BY	GL	DATE	4-29-99	CHK BY	PL	APP BY	JEC	A-PL-953-1552
							SHEET 4 OF 7	REV. J

MOTOR FRAME
POSITION 10

12 34 56 7 8 9 10 11 12 13 14 15 16
KV 00 00 0 0 0 0 X 0 00000

CODE LETTER	MOTOR FRAME
H	143-145JM
J	182-184JM
K	213-215JM
L	254-256JM
M	284-286JM
N	324-326JM
R	364-365JM

H	10-8-02	ECN10965	RZ						KEY TO KV PUMP CODE (VERTICAL IN LINE)
F	6-29-01	ECN 9917							
E	6-7-01	ECN 9827	BTZ						
SKIPPED B, C, & D FOR CONSISTENT REV.									
A	7-19-99	ECN 7642	PL/JEC	J	5-09-05	ECN 13762	PJ		
REV.	DATE	DESCRIPTION	APP.	REV.	DATE	DESCRIPTION	APP.		
OR BY	GL	DATE 4-29-99	CHK BY	PL	APP BY	JEC	A-PL-953-1552	SHEET 5 OF 7	REV. J

MECHANICAL DESIGN CODE
POSITION 11

12 34 56 7 8 9 10 11 12 13 14 15 16
KV 00 00 0 0 0 0 X 00000

CODE LETTER	DESCRIPTION
A	TACO MACHANICAL DESIGN-DRY SHAFT (125PSI W / W.R.) OPTIONAL DESIGN
B	TACO MACHANICAL DESIGN-DRY SHAFT (250PSI W / W.R.) OPTIONAL DESIGN
C	TACO MACHANICAL DESIGN-DRY SHAFT (125PSI W/O / W.R.) STANDARD DESIGN
D	TACO MACHANICAL DESIGN-DRY SHAFT (250PSI W/O / W.R.) STANDARD DESIGN

(STD)

MOTOR CODE
POSITION 12-16

12 34 56 7 8 9 10 11 12 13 14 15 16
KV 00 00 0 0 0 0 0 XXXXX

MOTOR SELECTION
CROSS INDEX NUMBER

EV.	DATE	DESCRIPTION	APP.	REV.	DATE	DESCRIPTION	APP.
H	10-8-02	ECN 10965	RZ				
F	6-29-01	ECN 9917					
E	6-7-01	ECN 9827	BTZ				
SKIPPED B, C & D FOR CONSISTENT REV.							
A	7-19-99	ECN 7642	PL/JEC	J	5-09-05	ECN 13762	PJ
DR BY	GL	DATE	4-29-99	CHK BY	PL	APP BY	JEC

KEY TO KV PUMP CODE
(VERTICAL IN LINE)

A-PL-953-1552

SHEET 6 OF 7

J

KV CODED MODULES AND THEIR INCLUDED ITEMS REQUIRED TO
CONSTRUCT COMPLETE PUMP BILL OF MATERIALS.

COMMON PARTS MODULE (SEE PL-953-1516)

12 34 56 7 8 9 10 11 12 13 14 15 16
KV 00 00 0 0 0 0 0 00000

ITEM NO	DESCRIPTION	ITEM NO	DESCRIPTION	ITEM NO	DESCRIPTION	ITEM NO	DESCRIPTION
21	NAMEPLATE	28	DRIVE SCREW		MAIN & INST PACKAGE	18	PIPE PLUG
33	CONNECTOR	35	TUBE FITTING			34	TUBING

BASIC PARTS MODULE (SEE PL-953-1517)

12 34 56 7 8 9 10 11 12 13 14 15 16
KV XX XX 0 0 X X X 00000

ITEM NO	DESCRIPTION	ITEM NO	DESCRIPTION	ITEM NO	DESCRIPTION	ITEM NO	DESCRIPTION
2	CASING, PUMP	22	DEFLECTOR	7	IMPELLER KEY	5	DOWDY WASH
1	IMPELLER	6	IMPELLER BOLT	9	GASKET, CASING	29	GASKET, IMP.
14	CSG BOLT	26	CSG WASHER	8	IMPELLER WASHER	3	W.R. CSG. (OPT)
				10	SLEEVE-SHAFT		

COVER PARTS MODULE (SEE PL-953-1518)

12 34 56 7 8 9 10 11 12 13 14 15 16
KV XX XX 0 0 0 X 0 00000

ITEM NO	DESCRIPTION	ITEM NO	DESCRIPTION	ITEM NO	DESCRIPTION	ITEM NO	DESCRIPTION
4	COVER BRACKET						
20	BOLT MTR						
27	WASHER MTR						

SEAL PARTS MODULE (SEE PL-953-1519)

12 34 56 7 8 9 10 11 12 13 14 15 16
KV 00 00 0 X 0 X X 00000

ITEM NO	DESCRIPTION	ITEM NO	DESCRIPTION	ITEM NO	DESCRIPTION	ITEM NO	DESCRIPTION
11A	SEAL, SEAL HALF	11B	SEAL, SEAT HALF	12	GASKET, SLV		

H	10-8-02	ECN 10965	RZ				
F	6-29-01	ECN 9917					
E	6-7-01	ECN 9827	BTZ				
SKIPPED B, C & D FOR CONSISTENT REV.							
A	7-20-99	ECN 7642	PLJEC	J	5-09-05	ECN 13762	PJ
REV.	DATE	DESCRIPTION	APP.	REV.	DATE	DESCRIPTION	APP.
DR BY	GL	DATE 4-29-99	CHK BY	PL	APP BY	JEC	

KEY TO KV PUMP CODE
(VERTICAL IN LINE)

A-PL-953-1552

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REV. J