



the pressure equipment safety authority

**Celebrating 20 years
1995 – 2015**

9410 - 20 Ave N.W.
Edmonton, Alberta, Canada T6N 0A4
Tel: (780) 437-9100 / Fax: (780) 437-7787

March 05, 2015

Attention: Charles Metrailler
PENTAIR VALVES AND CONTROLS
10707 CLAY ROAD
HOUSTON, TX

The design submission, tracking number 2014-08153, originally received on October 02, 2014 was surveyed and accepted for registration as follows:

CRN : 0C15385.2

Accepted on: March 05, 2015

Reg Type: New Design

Expiry Date: March 05, 2025

Drawing No. : C314-0001US Rev 0

Fitting type: BALL VALVES

The registration is conditional on your compliance with the following notes:

This registration is valid only for fittings fabricated at the location(s) covered by the QC certificate attached to the accepted AB-41 Statutory Declaration form. This registration is valid only until the indicated expiry date only if the Manufacturer maintains a valid quality management system approved by an acceptable third-party agency until that date. Should the approval of the quality management system lapse before the expiry date indicated above, this registration shall become void.

An invoice covering survey and registration fees will be forwarded from our Revenue Accounts.

Enclosed are stamped prints for your reference.

Sincerely,

BRANDON, GREG

Distribution No.	CD0001	DOC.No.	C314-0001US
Distributed to	ABSA CRN	Rev. date	
		Rev.No.	0
		Issuing Dept.	PVC-US Documents Dept
		Total pages.	10(incl. cover)

CRN Submittal Documents

KTM

Controlled

ABSA

SAFETY CODES ACT - PROVINCE OF ALBERTA

REGISTRATION OF FITTINGS

REGISTRATION NO. **0015385.2**

Q. NO. or CAT. NO. **C314-0001US Rev 0**

TYPE OF FITTINGS **BALL VALVES**

MAR 05 2015 INITIALS **GB**

GREGORY [Signature] REG.
DESIGN OFFICER / ENGINEER

Established on	Date	Approved by	Confirmed by
	February 6 .2015	Aki Shiotari	C.M
			Drafted by
			A.S



KTM Product Series by Class and material designation
Full bore floating (Cast body)

Size	KTM series	EB1	Pressure classes	End Connections	Body Materials (ASTM Group 1-2, 3)*
0.5	15	EB1	150, 300, 600	RF, SW, Threaded, BW, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15
0.75	20	EB1	150, 300, 600	RF, SW, Threaded, BW, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15
1	25	EB1	150, 300, 600	RF, SW, Threaded, BW, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15
1.5	40	EB1	150, 300, 600	RF, SW, Threaded, BW, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15
2	50	EB1	150, 300	RF, SW, Threaded, BW, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15
3	80	EB1	150, 300	RF, BW, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15
4	100	EB1	150, 300	RF, BW, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15
6	150	EB1	150, 300	RF, BW, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15
8	200	EB1	150, 300	RF, BW, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15

ASTM Body Material Form	Product Form (Casting)
1.1	A 216 WCB
1.2	A 352 LC2, A 352 LC3, A 216 WCC, A 352 LCC
1.5	A 217 WC1, A 352 LC1
1.7	A 217 WC4, A 217 WC 5
1.9	A 217 WC6
1.10	A 217 WC9
1.13	A 217 C5
1.14	A 217 C12
2.1	A 351 CF3, A 351 CF8
2.2	A 351 CF3A, A 351 CF8A, A 351 CF3M, A 351 CF8M, A 351 CG8M
2.5	A 351 CF8C
2.6	A 351 CH8, A 351 CH20
2.7	A 351 CK20
2.8	A 352 CK3MCuN
3.1	A 351 CN7M
3.15	A 494 N-12MV, A 494 CW-12MW

OC 15385 2

KTM Product Series by Class and material designation

Reduce bore floating (cast body)

Size	KTM series	Pressure classes	End Connections	Body Materials (ASTM Group 1, 2, 3)*
6.0	150	EB8	RF, BW, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15
8.00	200	EB8	RF, BW, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15
10	250	EB8	RF, BW, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15

ASTM Body Material form			
Group	Product form (Casting)		
1.1	A 216 WCB		
1.2	A 352 LC2, A 352 LC3, A 216 WCC, A 352 LCC		
1.5	A 217 WC1, A 352 LC1		
1.7	A 217 WC4, A 217 WC 5		
1.9	A 217 WC6		
1.10	A 217 WC9		
1.13	A 217 C5		
1.14	A 217 C12		
2.1	A 351 CF3, A 351 CF8		
2.2	A 351 CF3A, A 351 CF8A, A 351 CF3M, A 351 CF8M, A 351 CG8M		
2.5	A 351 CF8C		
2.6	A 351 CH8, A 351 CH20		
2.7	A 351 CK20		
2.8	A 352 CK3MCuN		
3.1	A 351 CN7M		
3.15	A 494 N-12MV, A 494 CW-12MW		

0015385 2

KTM Product Series by Class and material designation
Full and Reduce bore Trunnion (cast body)

Size	KTM Series	Pressure Classes	End Connections	Body Materials (ASTM Group 1, 2, 3)	
2	50	EO/TB	150, 300, 600, 900, 1500	RF, BW, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15
3	80	EO/TB	150, 300, 600, 900, 1500	RF, BW, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15
4	100	EO/TB	150, 300, 600, 900, 1500	RF, BW, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15
6	150	EO/TB	150, 300, 600, 900, 1500	RF, BW, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15
8	200	EO/TB	150, 300, 600, 900, 1500	RF, BW, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15
10	250	EO/TB	150, 300, 600, 900, 1500	RF, BW, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15
12	300	EO/TB	150, 300, 600, 900, 1500	RF, BW, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15
16	350	EO/TB	150, 300, 600, 900	RF, BW, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15
18	450	EO/TB	150, 300, 600, 900	RF, BW, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15
20	500	EO/TB	150, 300, 600, 900	RF, BW, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15
24	600	EO/TB	150, 300, 600	RF, BW, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15
30	800	EO/TB	150, 300, 600	RF, BW, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15

ASTM Body Material Form		
Group	Practical Form (Casting)	
1.1	A 216 WCB	
1.2	A 352 LC2, A 352 LC3, A 216 WCC, A 352 LCC	
1.5	A 217 WC1, A 352 LC1	
1.7	A 217 WC4, A 217 WC 5	
1.9	A 217 WC6	
1.10	A 217 WC9	
1.13	A 217 CS	
1.14	A 217 C12	
2.1	A 351 CF3, A 351 CF8	
2.2	A 351 CF3A, A 351 CF8A, A 351 CF3M, A 351 CF8M, A 351 CG8M	
2.5	A 351 CF8C	
2.6	A 351 CH8, A 351 CH20	
2.7	A 351 CK20	
2.8	A 352 CK3MCuN	
3.1	A 351 CN7M	
3.15	A 494 N-12MV, A 494 CW-12MW	

OC 15385 . 2

KTM Product Series by Class and material designation

Reduce bore floating end entry (Cast body)

Size	KTM series	Pressure classes	End Connections	Body Materials (ASTM Group 1-2, 3)	
					0.5
0.75	20	EB7	150, 300	RF, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15
1	25	EB7	150, 300	RF, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15
1.5	40	EB7	150, 300	RF, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15
2	50	EB7	150, 300	RF, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15
3	80	EB7	150, 300	RF, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15
4	100	EB7	150, 300	RF, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15
6	150	EB7	150, 300	RF, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15
8	200	EB7	150, 300	RF, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15

ASTM Body Material Form		
Group	Product Form (casting)	
1.1	A 216 WCB	
1.2	A 352 LC2, A 352 LC3, A 216 WCC, A 352 LCC	
1.5	A 217 WC1, A 352 LC1	
1.7	A 217 WC4, A 217 WC5	
1.9	A 217 WC6	
1.10	A 217 WC9	
1.13	A 217 C5	
1.14	A 217 C12	
2.1	A 351 CF3, A 351 CF8	
2.2	A 351 CF3A, A 351 CF8A, A 351 CF3M, A 351 CF8M, A 351 CG8M	
2.5	A 351 CF8C	
2.6	A 351 CH8, A 351 CH20	
2.7	A 351 CK20	
2.8	A 352 CK3MCuN	
3.1	A 351 CN7M	
3.15	A 494 N-12MV, A 494 CW-12MW	

OC 15385 2

KTM Product Series by Class and material designation

Reduce and Full bore floating Jacket type (Cast body)

Size	KTM Series	Pressure classes		End Connections	Body Materials (ASTM Group 1, 2, 3) ²
0.5	15	JB	150, 300	RF, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15
0.75	20	JB	150, 300	RF, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15
1	25	JB	150, 300	RF, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15
1.5	40	JB	150, 300	RF, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15
2	50	JB	150, 300	RF, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15
3	80	JB	150, 300	RF, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15
4	100	JB	150, 300	RF, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15
6	150	JB	150, 300	RF, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15
8	200	JB	150, 300	RF, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15

ASTM Body Material form		
Group	Product form (Casting)	
1.1	A 216 WCB	
1.2	A 352 LC2, A352 LC3, A216 WCC, A352 LCC	
1.5	A 217 WC1, A352 LC1	
1.7	A 217 WC4, A217 WC 5	
1.9	A 217 WC6	
1.10	A 217 WC9	
1.13	A 217 C5	
1.14	A 217 C12	
2.1	A 351 CF3, A 351 CF8	
2.2	A 351 CF3A, A351 CF8A, A 351 CF3M, A 351 CF8M, A 351 CG8M	
2.5	A 351 CF8C	
2.6	A 351 CH8, A 351 CH20	
2.7	A 351 CK20	
2.8	A 352 CK3MCuN	
3.1	A 351 CN7M	
3.15	A 494 N-12MW, A 494 CW-12MW	

OC15385 2

KTM Product Series by Class and material designation

Full and Reduce bore Trunnion (Forged body)

Size	KTM Series	TM Series	Pressure Classes	End Connections	Body Materials (ASTM Group 1, 2) ¹
			150, 300, 600, 900		
2	50	TM	150, 300, 600, 900	RF, BW, RTJ	1.1, 1.2, 1.4, 2.1, 2.2, 2.3, 2.5, 2.8
3	80	TM	150, 300, 600, 900	RF, BW, RTJ	1.1, 1.2, 1.4, 2.1, 2.2, 2.3, 2.5, 2.8
4	100	TM	150, 300, 600, 900	RF, BW, RTJ	1.1, 1.2, 1.4, 2.1, 2.2, 2.3, 2.5, 2.8
6	150	TM	150, 300, 600, 900	RF, BW, RTJ	1.1, 1.2, 1.4, 2.1, 2.2, 2.3, 2.5, 2.8
8	200	TM	150, 300, 600, 900	RF, BW, RTJ	1.1, 1.2, 1.4, 2.1, 2.2, 2.3, 2.5, 2.8
10	250	TM	150, 300, 600, 900	RF, BW, RTJ	1.1, 1.2, 1.4, 2.1, 2.2, 2.3, 2.5, 2.8
12	300	TM	150, 300, 600, 900	RF, BW, RTJ	1.1, 1.2, 1.4, 2.1, 2.2, 2.3, 2.5, 2.8
16	350	TM	150, 300, 600, 900	RF, BW, RTJ	1.1, 1.2, 1.4, 2.1, 2.2, 2.3, 2.5, 2.8
18	450	TM	150, 300, 600, 900	RF, BW, RTJ	1.1, 1.2, 1.4, 2.1, 2.2, 2.3, 2.5, 2.8
20	500	TM	150, 300, 600, 900	RF, BW, RTJ	1.1, 1.2, 1.4, 2.1, 2.2, 2.3, 2.5, 2.8
24	600	TM	150, 300, 600, 900	RF, BW, RTJ	1.1, 1.2, 1.4, 2.1, 2.2, 2.3, 2.5, 2.8

ASTM Body Material Form		
Group	Product Form (Forging)	
1.1	A 105, A 350 LF2	
1.2	A 350 LF3	
1.4	A 350 LF1	
2.1	A 182 F304, A 182 F304H	
2.2	A 182 F316, A 182 F316H	
2.3	A 182 F304L, A 182 F316L	
2.5	A 182 F347, A 182 F347H	
2.8	A 182 F44, A 182 F51, A 182 F53	

OC 15385 2

KTM Product Series by Class and material designation
Full and Reduce bore multiport (Cast)

Size	KTM Series	Pressure classes		End Connections	Body Materials (ASTM Group 1, 2, 3)*
0.5	15	EO/NB/MB	150, 300, 600	RF, SW, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15
0.75	20	EO/NB/MB	150, 300, 600	RF, SW, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15
1	25	EO/NB/MB	150, 300, 600	RF, SW, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15
1.5	40	EO/NB/MB	150, 300, 600	RF, SW, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15
2	50	EO/NB/MB	150, 300, 600	RF, SW, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15
3	80	EO/NB/MB	150, 300, 600	RF, BW, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15
4	100	EO/NB/MB	150, 300, 600	RF, BW, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15
6	150	EO/NB/MB	150, 300, 600	RF, BW, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15
8	200	EO/NB/MB	150, 300, 600	RF, BW, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15
10	250	EO/NB/MB	150, 300, 600	RF, BW, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15
12	300	EO/NB/MB	150, 300, 600	RF, BW, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15

ASTM Body Material Form	
Group	Product Form (Casting)
1.1	A 216 WCB
1.2	A 352 LC2, A 352 LC3, A 216 WCC, A 352 LCC
1.5	A 217 WC1, A 352 LC1
1.7	A 217 WC4, A 217 WC5
1.9	A 217 WC6
1.10	A 217 WC9
1.13	A 217 C5
1.14	A 217 C12
2.1	A 351 CF3, A 351 CF8
2.2	A 351 CF3A, A 351 CF8A, A 351 CF3M, A 351 CF8M, A 351 CG8M
2.5	A 351 CF8C
2.6	A 351 CH8, A 351 CH20
2.7	A 351 CK20
2.8	A 352 CK3M/CuN
3.1	A 351 CN7M
3.15	A 494 N-12MV, A 494 CW-12MW

0015385 2

KTM Product Series by Class and material designation

Full and Reduce bore Single V and Dual V control valve (Cast product)

Size	KTM Series	Pressure classes	End Connections	Body Materials (ASTM Group 1-2-3)	
				1	2-3
1	25	VA/WO/WA	150, 300	RF, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15
1.5	40	VA/WO/WA	150, 300	RF, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15
2	50	VA/WO/WA	150, 300	RF, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15
3	80	VA/WO/WA	150, 300	RF, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15
4	100	VA/WO/WA	150, 300	RF, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15
6	150	VA/WO/WA	150, 300	RF, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15
8	200	VA/WO/WA	150, 300	RF, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15
10	250	VA/WO/WA	150, 300	RF, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15
12	300	VA/WO/WA	150, 300	RF, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15
16	350	VA/WO/WA	150, 300	RF, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15
18	450	VA/WO/WA	150, 300	RF, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15
20	500	VA/WO/WA	150, 300	RF, RTJ	1.1, 1.2, 1.3, 1.5, 1.7, 1.9, 1.10, 1.13, 1.14, 2.1, 2.2, 2.5, 2.6, 2.7, 2.8, 3.1, 3.15

ASTM Body Material Group	Product Form (Castings)
1.1	A 216 WCB
1.2	A 352 LC2, A 352 LC3, A 216 WCC, A 352 LCC
1.5	A 217 WC1, A 352 LC1
1.7	A 217 WC4, A 217 WC 5
1.9	A 217 WC6
1.10	A 217 WC9
1.13	A 217 C5
1.14	A 217 C12
2.1	A 351 CF3, A 351 CF8
2.2	A 351 CF3A, A 351 CF8A, A 351 CF3M, A 351 CF8M, A 351 CG8M
2.5	A 351 CF8C
2.6	A 351 CH8, A 351 CH20
2.7	A 351 CK20
2.8	A 352 CK3MCuN
3.1	A 351 CN7M
3.15	A 494 N-12MV, A 494 CW-12MW

0C15385 2



0015385-2



STATUTORY DECLARATION
Registration of Fittings



I, Leung, Pak Leung Steven

Vice President- Pentair Chengdu plant, Pentair Japan Plant, Pentair Taiwan Plant
(company title, e.g. vice president, plant manager, chief engineer) (must be in a position of authority)

of Pentair Valves and Controls.
(name of manufacturer)

located at See attached appendix A that list all plant sites
(plant address)

do solemnly declare that the fittings listed hereunder, which are subject to the Safety Codes Act (check one)

- comply with the requirements of ASME B16.34 latest version which specifies the dimensions, (title of recognized North American Standard) materials of construction, pressure/temperature ratings and identification marking of the fittings, or
- are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with _____ as supported by the attached data which identifies the dimensions, materials of construction, pressure/temperature ratings and the basis for such ratings, and the marking of the fittings for identification.

I further declare that the manufacture of these fittings is controlled by a quality control program which has been verified by the following authority, See attached appendix A as being suitable for the manufacture of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are BALL VALVE

In support of this application, the following information, calculations and/or test data are attached:
KTM Ball valves- EB1 and EB7 series floating type, EO/TB series Trunnion type, EO/NB/MB Multiport floating and trunnion type, VA/WO/WA V-port series control valves, JB jacketed series, TM3 forged trunnion series.

DECLARED before me at TAICHUNG in the _____ of TAIWAN

this _____ day of _____, 2014
(Month) (Year)

(print) Leung, Pak Leung Steven

(Signature of Applicant)

(sign) _____
(A Commissioner for Oaths)

For Office Use Only

To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CSA Standard B51, Clause 4.2, and is accepted for registration in Category C

Registration Number: 0015385.2

(For the Administrator/Chief Inspector of Alberta)

Date Registered: MAR 05 2015

Expiry Date: MAR 05 2025



Appendix A

All products from below listed locations are manufactured under the KTM name brand. Pentair Valves and Controls outright wholly owns and operates these facilities and quality control is maintained by each facility with overview from our Pentair Valves and Controls engineering offices in Japan which is the historic facility for the KTM ball valve designs.

Pentair Valves and Controls- KTM Chengdu Plant
1128 Kong Gang 4th rd
Southwest Airport Economic Development Zone
Chengdu City, Sichuan Province 610220
PED Cert # DGR-0036-QS-988-11
ISO 9001 Cert # TUV100082053

Pentair Valves and Control- KTM Taichung Plant
Taiwan Valve Company
No. 3 24th Rd Industrial Park
Taichung 408
Taiwan, R.O.C.
PED Cert # 01-202ROC/Q-01-0001
ISO9001 Cert # 01-100-018634

Pentair Valves and Controls- KTM Japan (Kobe Plant)
Nishi-ku 1-5-1, Murotani
Kobe City, Hyogo Pref.
651-2241 Japan
PED Cert # 20101165.11.2977/P
ISO 9001 Cert # 4004668

0015385.2