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TECHNICAL STANDARDS & SAFETY AUTHORITY
14TH FLOOR CENTRE TOWER-3300 BLOOR STREE
TORONTO ON M8X 2X4

Date: April 4, 2014
Account #: 35231
Journal #: 59410
Our File #: 5492049

Attn: TANYA FRANCIS

Re: Application for Design Registration

The design, as detailed in your, TSSA Service Request No: 1364670, for a Fitting is accepted for registration as follows:

Registered To: PARKER HANNIFIN CORP, FLUID CONTROL DIV
CRN: 0C16785.51

Drawing #: "Part of CRN" Scope of Reg

Conditions Of Registration:

Registration of General Purpose Solenoid Valves as per 3 page Scope of Registration Sheets.

This design was registered based on a technical review performed by the province of initial registration in accordance with the Association of Chief Inspectors policy on reciprocal recognition of design review.

Reviewer's Notes:

As required by CSA B51 4.2.1, this registration expires on March 27, 2024. This CRN is valid until the expiry date as long as the Manufacturer maintains a valid quality control program verified by an acceptable third-party agency until that date. Should the certification of the quality control program lapse before the expiry date, this registration shall become void.

Contact me if you have any questions. The invoice for registration will be forwarded under separate cover.

SHARON PETERS
(778) 396-2027
Sharon.Peters@safetyauthority.ca
Design Administration

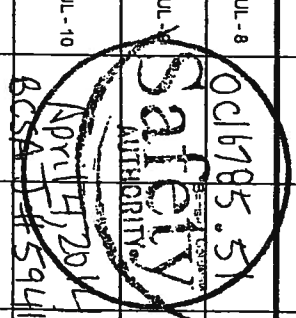
cc:

Scope of Registration - Resubmittal of CRN OC1011 for Parker Fluid Control Division Valves

Group #	Series	Port Size	Max Fluid Temp	Max Amb Temp	Min Press	Max Rated Press	Max Design Press	ASTM Material Specification			Sleeve/Guide Tube			Test Data	Supporting Material Reference	Additional Proof Info
								Stainless Steel	Brass	Other	Stop	Tube	Flange			
1	3121, 3621, 3129, 3131, 3931, 3133, 3633, 3136, 3139	1/8, 1/4	180	88	0	800	4000	303 SS	ASTM B16	n/a	430F SS	305 SS	n/a	UL - 1		Ports are machined into the same body blank with no additional machining performed. The product with the largest port size, 1/4", was burst tested. Ref body blank 300-01-045
2	204, 304	1/8, 1/4	240	135	0	950	4750	303 SS	ASTM B16	n/a	430F SS	305 SS	n/a			Ports are machined into the same body blank with no additional machining performed. The product with the largest port size, 1/4", was burst tested. Ref body blank 401-01-000
3	71211, 71215, 71216, 71221, 71225, 71235, 71295, 71311, 71313, 71315, 71321, 71325, 71331, 71335, 71381, 71385, 71386, V6	1/8, 1/4	250	150	0	1000	5000	430F SS	n/a	n/a	430FR SS	304 SS	430F SS	UL - 3	Technical Standards & Safety Authority Boiler's & Pressure Vessels Safety Division	Ports are machined into the same body blank with no additional machining performed. The product with the largest port size, 1/4", was burst tested. Ref body blank U01-092
4	70215, 70315, 70325, 7033T, 70212, 70218, 70222, 70228, 70312, 70322, 70317, 70417	1/8, 1/4	185	131	0	250	1250	430F SS	ASTM B16	CA 360, 303SS, ASTM 124 Alloy 2, ASTM 124 Alloy 377, AL Alloy 8061-TB	n/a	n/a	n/a	UL - 4		Ports are machined into the same body blank with no additional machining performed. The product with the largest port size, 1/4", was burst tested. Ref body blank U01-092
5	7121B, 7121C, 7121K, 7121V, 7122K, 7131K, 7131E, 7131K, 7131V, 7132K, 7133K, 7133V	1/8, 1/4	210	150	0	1450	7250	303 SS	C95300, ASTM B16, ISO 428/2 & 1637	C38500, ASTM B16	430FR SS, 430F SS	304 SS	430F SS	UL - 5	ISO 428/2 & 1637 same as C95300 - ref MS3210 (MAT - 1) C38500 descrip from ASTM book (MAT - 2)	Ports are machined into the same body blank with no additional machining performed. The product with the largest port size, 1/4", was burst tested. Ref body blank U01-412
6	7131T, 7132T, 7133T	1/8, 1/4	250	150	0	355	1775	303 SS	CA360	304 SS	430FR SS	304 SS	430F SS	UL - 6	OC16785.51 SAFETY AUTHORITY APR 17 2014 BCSAJ # 59410	Ports are machined into the same body blank with no additional machining performed. The product with the largest port size, 1/4", was burst tested. Ref body blank U01-174-001
7	73212	1/8, 1/4	210	150	0	450	2250	430F SS	n/a	n/a	430FR SS	304 SS	430F SS	UL - 7		Ports are machined into the same body blank with no additional machining performed. The product with the largest port size, 1/4", was burst tested. Ref body blank U01-092

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Group #	Series	Port Size	Max Fluid Temp	Max Amb Temp	Min Press	Max Rated Press	Max Design Press	ASTM Material Specification		Stop	Tube	Flange	Test Data	Supporting Material Reference	Additional Proof Info
								Stainless Steel	Brass						
8	73216	1/8, 1/4	210	150	0	1250	6250	430F SS	n/a	430F SS	304 SS	430F SS	UL - 8	OC1011.51	Products use the same body blank U01-092. Burst tested 1/4" body
9	7321B, 7221G, 7321G, 7321K, 7321H, 7322G, LG2	1/4, 3/8, 1/2, 3/4, 1, 1 1/4, 1 1/2	293	150	0	500	2500	n/a	C35300	430FR SS	304 SS	430F SS	UL - 8	OC1011.51	Products use Burst tested 1/4, 3/8, 1/2, 3/4, 1, 1 1/2"
10	73419, H9	1/4	165	150	15	150	750	n/a	n/a	430FR SS	304 SS	430F SS	UL - 10	OC1011.51	Burst tested 1/4" body
11	7341L, 7347L	1/8, 1/4	165	150	15	150	750	n/a	n/a	430F SS	304 SS	EN 10204 3.1.B	UL - 11	Material per MS2200 (MAT - 3)	Ports are machined into the same body blank with no additional machining performed. The product with the largest port size, 1/4", was burst tested. Ref body blank 490844
12	73317, 73377, 73417, 73477, 74317, 74417, 78317, 78417	1/4, 1/2	168	150	30	150	750	303 SS	ASTM B16	430F SS, 430FR SS	304 SS	430F SS	UL - 11	Material per MS2200 (MAT - 3)	Ports are machined into the same body blank with no additional machining performed. The product with the largest port size, 1/2", was burst tested. Ref body blank U01-200-000
13	71417, 71477	1/4, 3/8	180	140	0	150	750	n/a	ASTM B124 Alloy 377	430 FR	304 SS	430F SS	UL - 13	Material per MS2200 (MAT - 3)	Ports are machined into the same body blank with no additional machining performed. The product with the largest port size, 3/8", was burst tested. Ref body blank U01-321
14	R10, R15, R20, R25, R30, R35, R40, R45, R50, R55	1/4, 3/8, 1/2, 3/4, 7/8, 1	250	120	0	450	2250	n/a	CA 360	430F SS	304 SS	430F SS	UL - 14	ASTM book (MAT - 4)	Sizes 1/4, 3/8 - Ports are machined into the same body blank with no additional machining performed. The product with the largest port size, 3/8", was burst tested. Ref body blank RF01-005-000. Burst tested all other sizes.
15	R36, R46	1/2, 3/4	250	120	0	450	2250	n/a	CA 360	430FR SS	304 SS	430FR SS	UL - 15	ASTM book (MAT - 4)	Products use the same body blank RF01-015-000. Burst tested both sizes
16	B2, B11, B13, B14, B15, B16	1/8	250	120	0	400	2000	n/a	n/a	430FR SS	304 SS	430F SS	UL - 16	ASTM book (MAT - 4)	Burst tested 1/8" body
17	C2, C3, C4, C5	1/8	250	120	0	275	1375	n/a	ASTM B16	430FR SS	304 SS	430F SS	UL - 17	Zarnak from ASTM book (MAT - 5)	Burst tested 1/8" body
18	V933, V936, V955	1/4	185	150	0	150	750	n/a	n/a	430FR SS	304 SS	430F SS	UL - 18	Zarnak from ASTM book (MAT - 5)	Burst tested 1/4" body



THIS IS PART OF CRN OC1011.51
 Technical Standards & Safety Authority
 10000 Oldfield Rd
 Dallas, TX 75243
 (972) 242-5940

Scope of Registration - Resubmittal of CRN OC1011 for Parker Fluid Control Division Valves

Group #	Series	Port Size	Max Fluid Temp	Max Amb Temp	Min Press	Max Rated Press	Max Design Press	ASTM Material Specification			Supporting Material Reference	Additional Proof Info				
								Stainless Steel	Brass	Other						
19	F20C, F20O, F21C, F21O, F30C, F30O	1/8, 1/4, 1/2	200	122	0	750	3750	303 SS, 316 ss (CF8M)	ASTM B16, ASTM B455 or B285	316 SS, ASTM B455 or B285	n/a	305 SS	12L14 Steel	UL -19	ASTM B455; same as C38500	Burst tested all sizes
20	F22C, F23C, F23O, F24C, F24O, F33, F34	3/8, 1/2, 3/4	300	122	5	300	1500	316 ss (CF8M)	ASTM B455 or B285, CDA 377	316 SS, ASTM B455 or B285	n/a	305 SS	12L14 Steel, CA 345 Brass	UL - 20	ASTM B455 same as C38500	Sizes 3/8, 1/2 are machined into the same body blank with no additional machining performed. The product with the largest port size, 1/2, was burst tested. Also Burst tested 3/4
21	F25, FH5, FJ5, FS5	1/4, 3/8, 1/2, 3/4	300	122	1	300	1500	316 SS (CF8M)	ASTM B124-96	ASTM B455 or B283.	n/a	305 SS	CA 345, 303 SS, 12L14 Steel	UL - 21	ASTM B455 same as C38500	Sizes 1/4, 3/8 are machined into the same body blank with no additional machining performed. The product with the largest port size, 3/8, was burst tested. Also Burst tested 3/4
22	F36	1/4	180	122	5	150	750	303 SS	ASTM B16	ASTM B16, 303 SS	n/a	305 SS	12L14 Steel	UL - 22		Burst tested 1/4" body
23	F38	1/4, 3/8	180	122	10	200	1000	n/a	ASTM B16	ASTM B16, Steel, 304 SS.	n/a	305 SS	CA 345	UL - 23		Ports are machined into the same body blank with no additional machining performed. Burst tested 1/4" body.
24	F48	1/4	180	122	10	150	750	n/a	ASTM B16	ASTM B16, Steel, 304 SS.	n/a	305 SS	CA 345	UL - 24		Burst tested 1/4" body

Material Grade	ASTM Spec
303 SS	ASTM A314, A581, A582
304 SS	ASTM A313, A866
305 SS	ASTM A866
316 SS	ASTM A484, A361
430F SS	ASTM A638 Alloy 2
430F SS	ASTM A582

Material Grade	ASTM Spec
CA345	ASTM B16
CA360	ASTM B16
C35300	ASTM B453
C38500	ASTM B16
ISO 420/2	ASTM B453 (same as C35300)

Safety Authority

 APR 17, 2014

 BCSA J #59410



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May 05, 2014

Stephen Rogers
PARKER HANNIFIN CORP/FLUID CONTROL DIV.
95 EDGEWOOD AVE
NEW BRITAIN CT 06051
US

Service Request Type.: BPV-National BC
Service Request No.: 1364670
Your Reference No.:
Registered to.: PARKER HANNIFIN CORP/FLUID CONTROL DIV.

Dear Stephen Rogers,

Please find enclosed the original response from BC, registered under the CRN No.: 0C16785.51.

As all jurisdictional fees are handled by the Technical Standards and Safety Authority (TSSA), you do not pay any jurisdictions directly.

Should you have any questions or require further assistance, I will be happy to assist you. For general enquiries, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Tanya Francis
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