

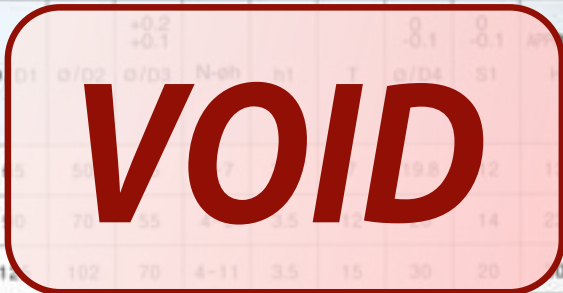
STANDARD MATERIAL SPECIFICATIONS FOR MODEL #CAA15/#CAA30

(ACC. TO ASTM)

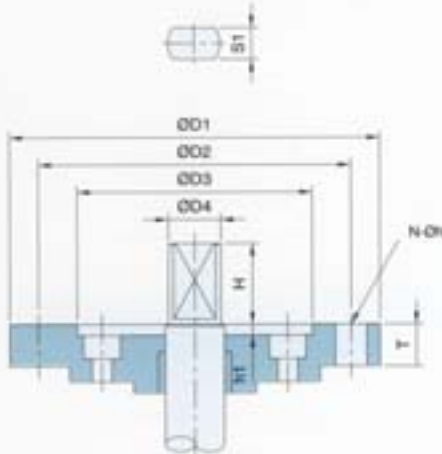
PART NAME	CARBON STEEL		LOW-TEMP. CARBON STEEL		STAINLESS STEEL
	NORMAL	SOUR	NORMAL	SOUR	
BODY	A216 Gr. WCB		A352 Gr. LCC		A351 Gr. CF8M
RETAINER	A216 Gr. WCB		A352 Gr. LCC		A351 Gr. CF8M
BALL	A216 Gr. WCB		A352 Gr. LCC		A351 Gr. CF8M
STEM	A216 Gr. WCB		A276 TYPE 316		A351 Gr. CF8M
SEAT	A216 Gr. WCB		RTFE		A351 Gr. CF8M
PACKING	A216 Gr. WCB		GRAPHITE		A351 Gr. CF8M
GASKET	A216 Gr. WCB		PTFE / GRAPHITE / SW(316+GRAPHITE)		A351 Gr. CF8M
ISO PAD	A216 Gr. WCB		A352 Gr. LCC		A351 Gr. CF8
STEM SEAL RETAINER	A216 Gr. WCB		A276 TYPE 316		A351 Gr. CF8M
O - RING	A216 Gr. WCB		VITON		A351 Gr. CF8M
STOPPER	A283 Gr. D		A283 Gr. D		A240 TYPE 304
BEARING	A216 Gr. WCB		PTFE		A351 Gr. CF8M
BOLT	A193 Gr. B7	A193 Gr. B7M	A320 Gr. L7	A320 Gr. L7M	A193 Gr. B8
LEVER	A216 Gr. WCB		DUCTILE CAST IRON		A351 Gr. CF8M
GEAR OPERATOR	A216 Gr. WCB		CAST IRON CASE, DUCTILE IRON GEAR, HIGH CARBON STEEL WORM		A351 Gr. CF8M

ISO 5211 MOUNTING PAD FOR ACTUATOR SELECTION (UNIT : mm , N-m)

ISO 5211 MOUNTING	NO	TORQUE (N-m)	CA	
			150	300
F05	125	125	2°	2°
F07	250	250	3°	3°
F10	500	500	4°, 6°	4°, 6°
F12	1,000	1,000	8°, 10°	8°
F14	2,000	1,750	65	10°



See attached sheet on this disc for the updated mounting pad information.



FLOW COEFFICIENT (Cv) FOR MODEL #CAA15 #CAA30

VALVE SIZE	1/2"	3/4"	1"	1 1/2"	2"	3"	4"	6"	8"	10"
Cv	8.5	15	32	83	120	311	535	1125	1908	3277

Cv = FLOW IN U.S. GALLONS/MINUTE OF 60°F WATER AT 1 PSI PRESSURE DROP

API 6D TEST

CLASS	150# Hydrostatic						300# Hydrostatic						SEAT (Air) Type I		TEST Duration(minutes)			
	W.P.		SHELL		SEAT		W.P.		SHELL		SEAT		PSIG	kg/wr	SIZE	SHELL (Hydrostatic)	SEAT (Air)	SEAT (Air)
	PSIG	kg/wr	PSIG	kg/wr	PSIG	kg/wr	PSIG	kg/wr	PSIG	kg/wr	PSIG	kg/wr						
A105/WCB /LF2	285	450	31.7	325	22.9	740	1125	79.2	825	58.1	80.8 ± 5.69	10.3 ± 0.72	1/2"-4"	2	2	2		
	LCC	290	450	31.7	325	22.9	750	1125	79.2	825							58.1	
LCB	265	400	28.1	300	21.1	695	1050	73.9	775	54.5	80.8 ± 5.69	10.3 ± 0.72	6"-10"	5	5	5		
F316/CF3M /CF8/CF8M	275	425	29.9	325	22.9	720	1100	77.4	800	58.3								