

Item No.	Unit (Total Item)		Value Number (MS)				Value Description	Manufacturer (Country of Origin)	Design Condition		Fluid Medium	Valve Type (See Item 23 of Item SH)	Nominal Valve Size (DN)	Valve Rating (LB)	Body Material (C)	End Connection (See Item 23 of Item SH)	Valve Operation (See Item 21 of Item SH)	Reference P&ID	Remarks
	Code	Qty	F ₁	F ₂	F ₃	F ₄			Press	Temp									
2647	0	0	GFA	13	AA	321	NA	NA	NA	SWRO PERMEATE WATER	BALL VALVE	15	PN10	SS316	BUTT WELDED	MANUALLY BY HANDLE	T869A-JOFF-GCOMAMP0015		
2648	0	0	GFA	13	AA	322	NA	NA	NA	SWRO PERMEATE WATER	BALL VALVE	15	PN10	SS316	BUTT WELDED	MANUALLY BY HANDLE	T869A-JOFF-GCOMAMP0015		
2649	0	0	GFA	13	AA	111	NA	NA	NA	SWRO PERMEATE WATER	BUTTERFLY VALVE	300	PN10	CARBON STEEL WITH POLYESTER COATING	WAFER	MANUALLY BY HANDWHEEL	T869A-JOFF-GCOMAMP0015		
2650	0	0	GFA	13	AA	112	NA	NA	NA	SWRO PERMEATE WATER	CHECK VALVE	250	PN10	SS316	WAFER	-	T869A-JOFF-GCOMAMP0015		
2651	0	0	GFA	13	AA	113	NA	NA	NA	SWRO PERMEATE WATER	BUTTERFLY VALVE	250	PN10	CARBON STEEL WITH POLYESTER COATING	WAFER	MANUALLY BY HANDWHEEL	T869A-JOFF-GCOMAMP0015		
2652	0	0	GFA	13	AA	114	NA	NA	NA	SWRO PERMEATE WATER	BUTTERFLY VALVE	300	PN10	SS316	WAFER	MANUALLY BY HANDWHEEL	T869A-JOFF-GCOMAMP0015		
2653	0	0	GFA	13	AA	115	NA	NA	NA	SWRO PERMEATE WATER	CHECK VALVE	250	PN10	SS316	WAFER	-	T869A-JOFF-GCOMAMP0015		
2654	0	0	GFA	13	AA	116	NA	NA	NA	SWRO PERMEATE WATER	BUTTERFLY VALVE	250	PN10	CARBON STEEL WITH POLYESTER COATING	WAFER	MANUALLY BY HANDWHEEL	T869A-JOFF-GCOMAMP0015		
2655	0	0	GFA	13	AA	312	NA	NA	NA	SWRO PERMEATE WATER	BALL VALVE	15	PN10	SS316	BUTT WELDED	MANUALLY BY HANDLE	T869A-JOFF-GCOMAMP0015		
2656	0	0	GFA	13	AA	313	NA	NA	NA	SWRO PERMEATE WATER	BALL VALVE	15	PN10	SS316	BUTT WELDED	MANUALLY BY HANDLE	T869A-JOFF-GCOMAMP0015		
2657	0	0	GFA	13	AA	314	NA	NA	NA	SWRO PERMEATE WATER	BALL VALVE	15	PN10	SS316	BUTT WELDED	MANUALLY BY HANDLE	T869A-JOFF-GCOMAMP0015		
2658	0	0	GFA	13	AA	320	NA	NA	NA	SWRO PERMEATE WATER	BALL VALVE	15	PN10	SS316	BUTT WELDED	MANUALLY BY HANDLE	T869A-JOFF-GCOMAMP0015		
2659	0	0	GFA	13	AA	324	NA	NA	NA	SWRO PERMEATE WATER	BALL VALVE	15	PN10	SS316	BUTT WELDED	MANUALLY BY HANDLE	T869A-JOFF-GCOMAMP0015		
2660	0	0	GFA	20	AA	101	NA	NA	NA	SWRO PERMEATE WATER	BUTTERFLY VALVE	200	PN10	CARBON STEEL WITH POLYESTER COATING	WAFER	MANUALLY BY HANDWHEEL	T869A-JOFF-GCOMAMP0015		
2661	0	0	GFA	20	AA	102	NA	NA	NA	SWRO PERMEATE WATER	CHECK VALVE	150	PN10	SS316	WAFER	-	T869A-JOFF-GCOMAMP0015		
2662	0	0	GFA	20	AA	103	NA	NA	NA	SWRO PERMEATE WATER	BUTTERFLY VALVE	150	PN10	CARBON STEEL WITH POLYESTER COATING	WAFER	MANUALLY BY HANDLE	T869A-JOFF-GCOMAMP0015		
2663	0	0	GFA	20	AA	104	NA	NA	NA	SWRO PERMEATE WATER	BUTTERFLY VALVE	200	PN10	CARBON STEEL WITH POLYESTER COATING	WAFER	MANUALLY BY HANDWHEEL	T869A-JOFF-GCOMAMP0015		
2664	0	0	GFA	20	AA	105	NA	NA	NA	SWRO PERMEATE WATER	CHECK VALVE	150	PN10	SS316	WAFER	-	T869A-JOFF-GCOMAMP0015		
2665	0	0	GFA	20	AA	106	NA	NA	NA	SWRO PERMEATE WATER	BUTTERFLY VALVE	150	PN10	CARBON STEEL WITH POLYESTER COATING	WAFER	MANUALLY BY HANDLE	T869A-JOFF-GCOMAMP0015		
2666	0	0	GFA	20	AA	301	NA	NA	NA	SWRO PERMEATE WATER	BALL VALVE	15	PN10	SS316	BUTT WELDED	MANUALLY BY HANDLE	T869A-JOFF-GCOMAMP0015		
2667	0	0	GFA	20	AA	302	NA	NA	NA	SWRO PERMEATE WATER	BALL VALVE	15	PN10	SS316	BUTT WELDED	MANUALLY BY HANDLE	T869A-JOFF-GCOMAMP0015		
2668	0	0	GFA	20	AA	303	NA	NA	NA	SWRO PERMEATE WATER	BALL VALVE	15	PN10	SS316	BUTT WELDED	MANUALLY BY HANDLE	T869A-JOFF-GCOMAMP0015		
2669	0	0	GFA	20	AA	304	NA	NA	NA	SWRO PERMEATE WATER	BALL VALVE	15	PN10	SS316	BUTT WELDED	MANUALLY BY HANDLE	T869A-JOFF-GCOMAMP0015		
2670	0	0	GFA	20	AA	305	NA	NA	NA	SWRO PERMEATE WATER	BALL VALVE	15	PN10	SS316	BUTT WELDED	MANUALLY BY HANDLE	T869A-JOFF-GCOMAMP0015		
2671	0	0	GFA	20	AA	306	NA	NA	NA	SWRO PERMEATE WATER	BALL VALVE	15	PN10	SS316	BUTT WELDED	MANUALLY BY HANDLE	T869A-JOFF-GCOMAMP0015		
2672	0	0	GFA	20	AA	307	NA	NA	NA	SWRO PERMEATE WATER	BALL VALVE	15	PN10	SS316	BUTT WELDED	MANUALLY BY HANDLE	T869A-JOFF-GCOMAMP0015		
2673	0	0	GFD	10	AA	101	NA	NA	NA	SWRO PERMEATE WATER	BUTTERFLY VALVE	65	PN10	CARBON STEEL WITH POLYESTER COATING	WAFER	MANUALLY BY HANDLE	T869A-JOFF-GCOMAMP0015		
2674	0	0	GFD	10	AA	102	NA	NA	NA	SWRO PERMEATE WATER	CHECK VALVE	50	PN10	SS316	WAFER	-	T869A-JOFF-GCOMAMP0015		
2675	0	0	GFD	10	AA	103	NA	NA	NA	SWRO PERMEATE WATER	BUTTERFLY VALVE	50	PN10	CARBON STEEL WITH POLYESTER COATING	WAFER	MANUALLY BY HANDLE	T869A-JOFF-GCOMAMP0015		
2676	0	0	GFD	10	AA	104	NA	NA	NA	SWRO PERMEATE WATER	BUTTERFLY VALVE	65	PN10	CARBON STEEL WITH POLYESTER COATING	WAFER	MANUALLY BY HANDLE	T869A-JOFF-GCOMAMP0015		
2677	0	0	GFD	10	AA	105	NA	NA	NA	SWRO PERMEATE WATER	CHECK VALVE	50	PN10	SS316	WAFER	-	T869A-JOFF-GCOMAMP0015		
2678	0	0	GFD	10	AA	106	NA	NA	NA	SWRO PERMEATE WATER	BUTTERFLY VALVE	50	PN10	CARBON STEEL WITH POLYESTER COATING	WAFER	MANUALLY BY HANDLE	T869A-JOFF-GCOMAMP0015		
2679	0	0	GFD	10	AA	301	NA	NA	NA	SWRO PERMEATE WATER	BALL VALVE	15	PN10	SS316	BUTT WELDED	MANUALLY BY HANDLE	T869A-JOFF-GCOMAMP0015		
2680	0	0	GFD	10	AA	302	NA	NA	NA	SWRO PERMEATE WATER	BALL VALVE	15	PN10	SS316	BUTT WELDED	MANUALLY BY HANDLE	T869A-JOFF-GCOMAMP0015		
2681	0	0	GFD	10	AA	303	NA	NA	NA	SWRO PERMEATE WATER	BALL VALVE	15	PN10	SS316	BUTT WELDED	MANUALLY BY HANDLE	T869A-JOFF-GCOMAMP0015		
2682	0	0	GFD	10	AA	311	NA	NA	NA	SWRO PERMEATE WATER	BALL VALVE	15	PN10	SS316	BUTT WELDED	MANUALLY BY HANDLE	T869A-JOFF-GCOMAMP0015		
2683	0	0	GFD	10	AA	312	NA	NA	NA	SWRO PERMEATE WATER	BALL VALVE	15	PN10	SS316	BUTT WELDED	MANUALLY BY HANDLE	T869A-JOFF-GCOMAMP0015		
2684	0	0	GME	41	AA	101	NA	NA	NA	CONCENTRATE SEAWATER	CHECK VALVE	300	PN10	CARBON STEEL WITH RUBBER LINED	WAFER	-	T869A-JOFF-GCOMAMP0015		
2685	0	0	GME	41	AA	102	NA	NA	NA	CONCENTRATE SEAWATER	BUTTERFLY VALVE	300	PN10	CARBON STEEL WITH RUBBER LINED	WAFER	MANUALLY BY HANDWHEEL	T869A-JOFF-GCOMAMP0015		
2686	0	0	GME	41	AA	103	NA	NA	NA	CONCENTRATE SEAWATER	CHECK VALVE	300	PN10	CARBON STEEL WITH RUBBER LINED	WAFER	-	T869A-JOFF-GCOMAMP0015		
2687	0	0	GME	41	AA	104	NA	NA	NA	CONCENTRATE SEAWATER	BUTTERFLY VALVE	300	PN10	CARBON STEEL WITH RUBBER LINED	WAFER	MANUALLY BY HANDWHEEL	T869A-JOFF-GCOMAMP0015		
2688	0	0	GME	41	AA	301	NA	NA	NA	CONCENTRATE SEAWATER	BALL VALVE	15	PN10	UPVC	FLANGED	MANUALLY BY HANDLE	T869A-JOFF-GCOMAMP0015		