

Item No.	Unit (Total Item)			Value Number (MS)			Unit (Component Code)			Value Description	Manufacturer (Country of Origin)	Design Condition Press ( barg)	Temp (°C)	Fluid Medium C	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
	GA	GB	GC	GA	GB	GC	GA	GB	GC													
3055	0	0	0	058	20	AA	110	NA	NA	NA	10.0	30	AR	CHECK VALVE	50	PN16	SS304	FLANGED	MANUALLY BY HANDLE	T869A-JOFF-GO-AM-PEB004		
3066	0	0	0	058	20	AA	111	NA	NA	NA	10.0	30	AR	BALL VALVE	80	PN16	SS316	FLANGED	MANUALLY BY HANDLE	T869A-JOFF-GO-AM-PEB003		
3067	0	0	0	058	20	AA	112	NA	NA	NA	10.0	30	AR	CHECK VALVE	80	PN16	SS304	FLANGED	MANUALLY BY HANDLE	T869A-JOFF-GO-AM-PEB003		
3068	0	0	0	058	20	AA	113	NA	NA	NA	10.0	30	AR	BALL VALVE	50	PN16	SS316	FLANGED	MANUALLY BY HANDLE	T869A-JOFF-GO-AM-PEB003		
3069	0	0	0	058	20	AA	114	NA	NA	NA	10.0	30	AR	CHECK VALVE	50	PN16	SS304	FLANGED	MANUALLY BY HANDLE	T869A-JOFF-GO-AM-PEB003		
3060	0	0	0	058	20	AA	115	NA	NA	NA	10.0	30	AR	BALL VALVE	80	PN16	SS316	FLANGED	MANUALLY BY HANDLE	T869A-JOFF-GO-AM-PEB003		
3061	0	0	0	058	20	AA	116	NA	NA	NA	10.0	30	AR	CHECK VALVE	80	PN16	SS304	FLANGED	MANUALLY BY HANDLE	T869A-JOFF-GO-AM-PEB003		
3062	0	0	0	058	20	AA	117	NA	NA	NA	10.0	30	AR	BALL VALVE	80	PN16	SS316	FLANGED	MANUALLY BY HANDLE	T869A-JOFF-GO-AM-PEB003		
3063	0	0	0	058	20	AA	118	NA	NA	NA	10.0	30	AR	CHECK VALVE	80	PN16	SS304	FLANGED	MANUALLY BY HANDLE	T869A-JOFF-GO-AM-PEB003		
3064	0	0	0	058	20	AA	120	NA	NA	NA	10.0	30	AR	BALL VALVE	50	PN16	SS316	FLANGED	MANUALLY BY HANDLE	T869A-JOFF-GO-AM-PEB003		
3065	0	0	0	058	20	AA	801	NA	NA	NA	10.0	30	AR	BALL VALVE	40	PN16	SS316	FLANGED	MANUALLY BY HANDLE	T869A-JOFF-GO-AM-PEB003		
3066	0	0	0	058	20	AA	804	NA	NA	NA	10.0	30	AR	BALL VALVE	40	PN16	SS316	FLANGED	MANUALLY BY HANDLE	T869A-JOFF-GO-AM-PEB003		
3067	0	0	0	058	20	AA	701	NA	NA	NA	10.0	30	AR	SAFETY VALVE	40	PN16	SS316	FLANGED	MANUALLY BY HANDLE	T869A-JOFF-GO-AM-PEB003		
3068	0	0	0	058	20	AA	702	NA	NA	NA	10.0	30	AR	SAFETY VALVE	50	PN16	SS304	FLANGED	MANUALLY BY HANDLE	T869A-JOFF-GO-AM-PEB003		
3069	0	0	0	058	20	AA	703	NA	NA	NA	10.0	30	AR	PRESSURE REDUCING VALVE	50	PN16	SS304	FLANGED	MANUALLY BY HANDLE	T869A-JOFF-GO-AM-PEB003		
3070	0	0	0	058	20	AA	704	NA	NA	NA	10.0	30	AR	PRESSURE REDUCING VALVE	80	PN16	SS304	FLANGED	MANUALLY BY HANDLE	T869A-JOFF-GO-AM-PEB003		
3071	0	0	0	058	20	AA	301	NA	NA	NA	10.0	30	AR	BALL VALVE	15	PN16	SS316	BUTT WELDED	MANUALLY BY HANDLE	T869A-JOFF-GO-AM-PEB003		
3072	0	0	0	058	20	AA	302	NA	NA	NA	10.0	30	AR	BALL VALVE	15	PN16	SS316	BUTT WELDED	MANUALLY BY HANDLE	T869A-JOFF-GO-AM-PEB003		
3073	0	0	0	058	20	AA	303	NA	NA	NA	10.0	30	AR	BALL VALVE	15	PN16	SS316	BUTT WELDED	MANUALLY BY HANDLE	T869A-JOFF-GO-AM-PEB003		
3074	0	0	0	058	20	AA	304	NA	NA	NA	10.0	30	AR	BALL VALVE	15	PN16	SS316	BUTT WELDED	MANUALLY BY HANDLE	T869A-JOFF-GO-AM-PEB003		
3075	0	0	0	058	20	AA	305	NA	NA	NA	10.0	30	AR	BALL VALVE	15	PN16	SS316	BUTT WELDED	MANUALLY BY HANDLE	T869A-JOFF-GO-AM-PEB003		
3076	0	0	0	058	20	AA	306	NA	NA	NA	10.0	30	AR	BALL VALVE	15	PN16	SS316	BUTT WELDED	MANUALLY BY HANDLE	T869A-JOFF-GO-AM-PEB003		
3077	0	0	0	058	20	AA	307	NA	NA	NA	10.0	30	AR	BALL VALVE	15	PN16	SS316	BUTT WELDED	MANUALLY BY HANDLE	T869A-JOFF-GO-AM-PEB003		
3078	0	0	0	058	20	AA	308	NA	NA	NA	10.0	30	AR	BALL VALVE	15	PN16	SS316	BUTT WELDED	MANUALLY BY HANDLE	T869A-JOFF-GO-AM-PEB003		
3079	0	0	0	058	20	AA	119	NA	NA	NA	10.0	30	AR	BALL VALVE	25	PN16	SS316	FLANGED	MANUALLY BY HANDLE	T869A-JOFF-GO-AM-PEB003		
3080	0	0	0	058	20	AA	120	NA	NA	NA	10.0	30	AR	BALL VALVE	25	PN16	SS316	FLANGED	MANUALLY BY HANDLE	T869A-JOFF-GO-AM-PEB003		
3081	0	0	0	058	20	AA	121	NA	NA	NA	10.0	30	AR	BALL VALVE	25	PN16	SS316	FLANGED	MANUALLY BY HANDLE	T869A-JOFF-GO-AM-PEB003		
3082	0	0	0	058	20	AA	122	NA	NA	NA	10.0	30	AR	BALL VALVE	25	PN16	SS316	FLANGED	MANUALLY BY HANDLE	T869A-JOFF-GO-AM-PEB003		
3083	0	0	0	058	20	AA	101	NA	NA	NA	5.0	30	SERVE WATER	BUTTERFLY VALVE	100	PN10	CARBON STEEL WITH POLYESTER LINING	WAFER	MANUALLY BY HANDLE	T869A-JOFF-GO-AM-PEB003		
3084	0	0	0	058	20	AA	801	NA	NA	NA	5.0	30	SERVE WATER	BALL VALVE	25	PN10	SS316	FLANGED	MANUALLY BY HANDLE	T869A-JOFF-GO-AM-PEB003		
3085	0	0	0	058	20	AA	802	NA	NA	NA	5.0	30	SERVE WATER	BALL VALVE	25	PN10	SS316	FLANGED	MANUALLY BY HANDLE	T869A-JOFF-GO-AM-PEB003		
3086	0	0	0	058	20	AA	803	NA	NA	NA	5.0	30	SERVE WATER	BALL VALVE	25	PN10	SS316	FLANGED	MANUALLY BY HANDLE	T869A-JOFF-GO-AM-PEB003		
3087	0	0	0	058	20	AA	804	NA	NA	NA	5.0	30	SERVE WATER	BALL VALVE	25	PN10	SS316	FLANGED	MANUALLY BY HANDLE	T869A-JOFF-GO-AM-PEB003		
3088	0	0	0	058	20	AA	805	NA	NA	NA	5.0	30	SERVE WATER	BALL VALVE	25	PN10	SS316	FLANGED	MANUALLY BY HANDLE	T869A-JOFF-GO-AM-PEB003		
3089	0	0	0	058	20	AA	201	NA	NA	NA	6	80	WASTE WATER	BUTTERFLY VALVE	40	PN10	DUCTILE IRON WITH POLYESTER LINING	WAFER	PNEUMATIC ACTUATOR	T869A-JOFF-GO-AM-PEB004		
3090	0	0	0	058	20	AA	202	NA	NA	NA	6	50	WASTE WATER	BUTTERFLY VALVE	50	PN10	DUCTILE IRON WITH POLYESTER LINING	WAFER	PNEUMATIC ACTUATOR	T869A-JOFF-GO-AM-PEB004		
3091	0	0	0	058	20	AA	203	NA	NA	NA	6	50	WASTE WATER	BUTTERFLY VALVE	500	PN10	DUCTILE IRON WITH POLYESTER LINING	WAFER	PNEUMATIC ACTUATOR	T869A-JOFF-GO-AM-PEB004		
3092	0	0	0	058	20	AA	204	NA	NA	NA	6	80	WASTE WATER	BUTTERFLY VALVE	150	PN10	DUCTILE IRON WITH POLYESTER LINING	WAFER	PNEUMATIC ACTUATOR	T869A-JOFF-GO-AM-PEB004		
3093	0	0	0	058	20	AA	205	NA	NA	NA	6	80	WASTE WATER	BUTTERFLY VALVE	250	PN10	DUCTILE IRON WITH POLYESTER LINING	WAFER	PNEUMATIC ACTUATOR	T869A-JOFF-GO-AM-PEB004		
3094	0	0	0	058	20	AA	206	NA	NA	NA	6	80	WASTE WATER	BUTTERFLY VALVE	300	PN10	DUCTILE IRON WITH POLYESTER LINING	WAFER	PNEUMATIC ACTUATOR	T869A-JOFF-GO-AM-PEB004		
3095	0	0	0	058	20	AA	701	NA	NA	NA	0.7	30	AR	SAFETY VALVE	25	PN10	CARBON STEEL	FLANGED	MANUALLY BY HANDLE	T869A-JOFF-GO-AM-PEB005		
3096	0	0	0	058	20	AA	702	NA	NA	NA	0.7	30	AR	SAFETY VALVE	25	PN10	CARBON STEEL	FLANGED	MANUALLY BY HANDLE	T869A-JOFF-GO-AM-PEB005		