

Item No.	Unit 1 (By System Code)		Unit 2 (Equipment Code)		Unit 3 (Component Code)		Value Description	Manufacturer / Country of Origin	Design Condition Press (barg) Temp (°C)	Fluid Medium (C)	Valve Type (See Item 25 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
	G	F ₁	F ₂	F ₃	A ₁	A ₂												
2295	0	0	0	0	NA	NA	NA	NA	3.5	30	BUTTERFLY VALVE	250	PN10	CARBON STEEL WITH POLYESTER COATING	WAFER	PNEUMATIC ACTUATOR	TUBEL30FF-CG04MHP0009	
2296	0	0	0	0	NA	NA	NA	NA	3.5	30	CHECK VALVE	250	PN10	CARBON STEEL WITH RUBBER LINED	FLANGED	-	TUBEL30FF-CG04MHP0009	
2297	0	0	0	0	NA	NA	NA	NA	3.5	30	BUTTERFLY VALVE	80	PN10	CARBON STEEL WITH POLYESTER COATING	WAFER	PNEUMATIC ACTUATOR	TUBEL30FF-CG04MHP0009	
2298	0	0	0	0	NA	NA	NA	NA	3.5	30	CHECK VALVE	80	PN10	CARBON STEEL WITH RUBBER LINED	FLANGED	-	TUBEL30FF-CG04MHP0009	
2299	0	0	0	0	NA	NA	NA	NA	3.5	30	BUTTERFLY VALVE	125	PN10	CARBON STEEL WITH POLYESTER COATING	WAFER	PNEUMATIC ACTUATOR	TUBEL30FF-CG04MHP0009	
2300	0	0	0	0	NA	NA	NA	NA	3.5	30	BUTTERFLY VALVE	200	PN10	CARBON STEEL WITH POLYESTER COATING	WAFER	PNEUMATIC ACTUATOR	TUBEL30FF-CG04MHP0009	
2401	0	0	0	0	NA	NA	NA	NA	3.5	30	BUTTERFLY VALVE	200	PN10	CARBON STEEL WITH POLYESTER COATING	WAFER	MANUALLY BY HANDWHEEL	TUBEL30FF-CG04MHP0009	
2403	0	0	0	0	NA	NA	NA	NA	3.5	30	BUTTERFLY VALVE	80	PN10	CARBON STEEL WITH POLYESTER COATING	WAFER	PNEUMATIC ACTUATOR	TUBEL30FF-CG04MHP0009	
2404	0	0	0	0	NA	NA	NA	NA	3.5	30	BALL VALVE	25	PN10	LPVC	UNION	MANUALLY BY HANDLE	TUBEL30FF-CG04MHP0009	
2405	0	0	0	0	NA	NA	NA	NA	3.5	30	BUTTERFLY VALVE	80	PN10	CARBON STEEL WITH POLYESTER COATING	WAFER	PNEUMATIC ACTUATOR	TUBEL30FF-CG04MHP0009	
2406	0	0	0	0	NA	NA	NA	NA	3.5	30	BUTTERFLY VALVE	250	PN10	CARBON STEEL WITH POLYESTER COATING	WAFER	MANUALLY BY HANDLE	TUBEL30FF-CG04MHP0009	
2407	0	0	0	0	NA	NA	NA	NA	3.5	30	BUTTERFLY VALVE	250	PN10	CARBON STEEL WITH POLYESTER COATING	WAFER	PNEUMATIC ACTUATOR	TUBEL30FF-CG04MHP0009	
2408	0	0	0	0	NA	NA	NA	NA	3.5	30	BUTTERFLY VALVE	250	PN10	CARBON STEEL WITH POLYESTER COATING	WAFER	MANUALLY BY HANDWHEEL	TUBEL30FF-CG04MHP0009	
2409	0	0	0	0	NA	NA	NA	NA	3.5	30	BUTTERFLY VALVE	250	PN10	CARBON STEEL WITH POLYESTER COATING	WAFER	PNEUMATIC ACTUATOR	TUBEL30FF-CG04MHP0009	
2410	0	0	0	0	NA	NA	NA	NA	3.5	30	DIPHROGAM VALVE	50	PN10	CARBON STEEL WITH RUBBER LINED	FLANGED	MANUALLY BY HANDLE	TUBEL30FF-CG04MHP0009	
2411	0	0	0	0	NA	NA	NA	NA	3.5	30	BALL VALVE	25	PN10	LPVC	UNION	MANUALLY BY HANDLE	TUBEL30FF-CG04MHP0009	
2412	0	0	0	0	NA	NA	NA	NA	3.5	30	BALL VALVE	15	PN10	LPVC	UNION	MANUALLY BY HANDLE	TUBEL30FF-CG04MHP0009	
2413	0	0	0	0	NA	NA	NA	NA	3.5	30	BALL VALVE	15	PN10	LPVC	UNION	MANUALLY BY HANDLE	TUBEL30FF-CG04MHP0009	
2414	0	0	0	0	NA	NA	NA	NA	3.5	30	BALL VALVE	15	PN10	LPVC	UNION	MANUALLY BY HANDLE	TUBEL30FF-CG04MHP0009	
2415	0	0	0	0	NA	NA	NA	NA	3.5	30	BALL VALVE	25	PN10	LPVC	UNION	MANUALLY BY HANDLE	TUBEL30FF-CG04MHP0009	
2416	0	0	0	0	NA	NA	NA	NA	3.5	30	AUTOMATIC AIR RELEASE VALVE	25	PN10	LPVC	UNION	-	TUBEL30FF-CG04MHP0009	
2417	0	0	0	0	NA	NA	NA	NA	3.5	30	BALL VALVE	25	PN10	LPVC	UNION	MANUALLY BY HANDLE	TUBEL30FF-CG04MHP0009	
2418	0	0	0	0	NA	NA	NA	NA	3.5	30	AUTOMATIC AIR RELEASE VALVE	25	PN10	LPVC	UNION	-	TUBEL30FF-CG04MHP0009	
2419	0	0	0	0	NA	NA	NA	NA	3.5	30	BUTTERFLY VALVE	250	PN10	CARBON STEEL WITH POLYESTER COATING	WAFER	MANUALLY BY HANDWHEEL	TUBEL30FF-CG04MHP0009	
2420	0	0	0	0	NA	NA	NA	NA	3.5	30	BUTTERFLY VALVE	250	PN10	CARBON STEEL WITH POLYESTER COATING	WAFER	AUTOMATIC BY ELECTRIC ACTUATOR WITH POSITIONER	TUBEL30FF-CG04MHP0009	
2421	0	0	0	0	NA	NA	NA	NA	3.5	30	BUTTERFLY VALVE	250	PN10	CARBON STEEL WITH POLYESTER COATING	WAFER	MANUALLY BY HANDLE	TUBEL30FF-CG04MHP0009	
2422	0	0	0	0	NA	NA	NA	NA	3.5	30	BUTTERFLY VALVE	250	PN10	CARBON STEEL WITH POLYESTER COATING	WAFER	MANUALLY BY HANDLE	TUBEL30FF-CG04MHP0009	
2423	0	0	0	0	NA	NA	NA	NA	3.5	30	CHECK VALVE	250	PN10	CARBON STEEL WITH RUBBER LINED	FLANGED	-	TUBEL30FF-CG04MHP0009	
2424	0	0	0	0	NA	NA	NA	NA	3.5	30	BUTTERFLY VALVE	80	PN10	CARBON STEEL WITH POLYESTER COATING	WAFER	PNEUMATIC ACTUATOR	TUBEL30FF-CG04MHP0009	
2425	0	0	0	0	NA	NA	NA	NA	3.5	30	CHECK VALVE	80	PN10	CARBON STEEL WITH RUBBER LINED	FLANGED	-	TUBEL30FF-CG04MHP0009	
2426	0	0	0	0	NA	NA	NA	NA	3.5	30	BUTTERFLY VALVE	125	PN10	CARBON STEEL WITH POLYESTER COATING	WAFER	PNEUMATIC ACTUATOR	TUBEL30FF-CG04MHP0009	
2427	0	0	0	0	NA	NA	NA	NA	3.5	30	BUTTERFLY VALVE	200	PN10	CARBON STEEL WITH POLYESTER COATING	WAFER	PNEUMATIC ACTUATOR	TUBEL30FF-CG04MHP0009	
2428	0	0	0	0	NA	NA	NA	NA	3.5	30	BUTTERFLY VALVE	200	PN10	CARBON STEEL WITH POLYESTER COATING	WAFER	MANUALLY BY HANDWHEEL	TUBEL30FF-CG04MHP0009	
2429	0	0	0	0	NA	NA	NA	NA	3.5	30	BUTTERFLY VALVE	80	PN10	CARBON STEEL WITH POLYESTER COATING	WAFER	PNEUMATIC ACTUATOR	TUBEL30FF-CG04MHP0009	
2430	0	0	0	0	NA	NA	NA	NA	3.5	30	BUTTERFLY VALVE	25	PN10	LPVC	UNION	MANUALLY BY HANDLE	TUBEL30FF-CG04MHP0009	
2431	0	0	0	0	NA	NA	NA	NA	3.5	30	BUTTERFLY VALVE	80	PN10	CARBON STEEL WITH POLYESTER COATING	WAFER	PNEUMATIC ACTUATOR	TUBEL30FF-CG04MHP0009	
2432	0	0	0	0	NA	NA	NA	NA	3.5	30	BUTTERFLY VALVE	80	PN10	CARBON STEEL WITH POLYESTER COATING	WAFER	MANUALLY BY HANDLE	TUBEL30FF-CG04MHP0009	
2433	0	0	0	0	NA	NA	NA	NA	3.5	30	BUTTERFLY VALVE	250	PN10	CARBON STEEL WITH POLYESTER COATING	WAFER	PNEUMATIC ACTUATOR	TUBEL30FF-CG04MHP0009	
2434	0	0	0	0	NA	NA	NA	NA	3.5	30	BUTTERFLY VALVE	250	PN10	CARBON STEEL WITH POLYESTER COATING	WAFER	MANUALLY BY HANDWHEEL	TUBEL30FF-CG04MHP0009	
2435	0	0	0	0	NA	NA	NA	NA	3.5	30	BUTTERFLY VALVE	250	PN10	CARBON STEEL WITH POLYESTER COATING	WAFER	PNEUMATIC ACTUATOR	TUBEL30FF-CG04MHP0009	
2436	0	0	0	0	NA	NA	NA	NA	3.5	30	DIPHROGAM VALVE	50	PN10	CARBON STEEL WITH RUBBER LINED	FLANGED	MANUALLY BY HANDLE	TUBEL30FF-CG04MHP0009	