

Item No.	Unit 1 (Total Item)			Unit 2 (Equipment Code)			Unit 3 (Component Code)			Value Description	Manufacturer / Country of Origin	Design Condition Press (barg) Temp (°C)	Fluid Medium (-) (+)	Valve Type (See Item 2.5 of Item SH) DAMPERS W/RETNED TYPE	Nominal Valve Size (DN)	Valve Rating (LB) (DN)	Body Material (-) (+)	End Connection (See Item 2.8 of Item SH)	Valve Operation (See Item 2.11 of Item SH)	Reference P&ID	Remarks
	G	F ₁	F ₂	F ₁	F ₂	F ₃	F ₁	F ₂	F ₃												
4327	0	0	0	048	47	NA	002	NA	NA	NA	-0.10.1	60	AR	350	ANS150 (std)	DUCTILE IRON (PIPA OR PIPIPI) / GPB	WAFER	-	TUBSAL3OFF-C08B4MFD0009		
4328	0	0	0	048	46	NA	003	NA	NA	NA	-0.10.1	60	AR	350	ANS150 (std)	DUCTILE IRON (PIPA OR PIPIPI) / GPB	WAFER	MANUALLY BY HANDLE	TUBSAL3OFF-C08B4MFD0009		
4329	0	0	0	048	47	NA	003	NA	NA	NA	-0.10.1	60	AR	350	ANS150 (std)	DUCTILE IRON (PIPA OR PIPIPI) / GPB	WAFER	MANUALLY BY HANDLE	TUBSAL3OFF-C08B4MFD0009		
4330	0	0	0	048	41	NA	001	NA	NA	NA	-0.10.1	60	WV	150	ANS150	DUCTILE IRON (PIPA OR PIPIPI) / GPB	WAFER	MANUALLY BY HANDLE	TUBSAL3OFF-C08B4MFD0009		
4331	0	0	0	048	41	NA	001	NA	NA	NA	5	41	WV	50	ANS150	CPVC	WAFER	MANUALLY BY HANDLE	TUBSAL3OFF-C08B4MFD0009		
4332	0	0	0	048	41	NA	002	NA	NA	NA	5	41	WV	50	ANS150	CPVC	WAFER	MANUALLY BY HANDLE	TUBSAL3OFF-C08B4MFD0009		
4333	0	0	0	048	41	NA	004	NA	NA	NA	5	60	WV	25	PN 15	CPVC	SOCKET WELDED	MANUALLY BY HANDLE	TUBSAL3OFF-C08B4MFD0009		
4334	0	0	0	048	41	NA	004	NA	NA	NA	-0.10.1	60	AR	350	ANS150	DUCTILE IRON (PIPA OR PIPIPI) / GPB	WAFER	MANUALLY BY HANDLE	TUBSAL3OFF-C08B4MFD0009		
4335	0	0	0	048	41	NA	004	NA	NA	NA	-0.10.1	60	AR	350	ANS150	DUCTILE IRON (PIPA OR PIPIPI) / GPB	WAFER	MANUALLY BY HANDLE	TUBSAL3OFF-C08B4MFD0009		
4336	0	0	0	048	41	NA	005	NA	NA	NA	-0.10.1	60	AR	350	ANS150	DUCTILE IRON (PIPA OR PIPIPI) / GPB	WAFER	MANUALLY BY HANDLE	TUBSAL3OFF-C08B4MFD0009		
4337	0	0	0	048	41	NA	003	NA	NA	NA	5	60	CONDENSATE	25	PN 15	CPVC	SOCKET WELDED	-	TUBSAL3OFF-C08B4MFD0009		
4338	0	0	0	048	41	NA	008	NA	NA	NA	-0.10.1	60	CONDENSATE	25	PN 15	CPVC	SOCKET WELDED	-	TUBSAL3OFF-C08B4MFD0009		
4339	0	0	0	048	97	NA	022	NA	NA	NA	5	60	SW	25	PN 15	CPVC	SOCKET WELDED	-	TUBSAL3OFF-C08B4MFD0009		
4340	0	0	0	048	97	NA	023	NA	NA	NA	5	60	SW	25	PN 15	CPVC	SOCKET WELDED	-	TUBSAL3OFF-C08B4MFD0009		
4341	0	0	0	048	97	NA	024	NA	NA	NA	5	60	SW	25	PN 15	CPVC	SOCKET WELDED	-	TUBSAL3OFF-C08B4MFD0009		
4342	0	0	0	048	97	NA	026	NA	NA	NA	5	60	SW	25	PN 15	CPVC	SOCKET WELDED	-	TUBSAL3OFF-C08B4MFD0009		
4343	0	0	0	048	97	NA	025	NA	NA	NA	5	60	SW	25	PN 15	CPVC	SOCKET WELDED	MANUALLY BY HANDLE	TUBSAL3OFF-C08B4MFD0009		
4344	0	0	0	048	41	NA	042	NA	NA	NA	5	60	HS24	15	150 psi	CI / PFA	FLANGED	MANUALLY BY HANDLE	TUBSAL3OFF-C08B4MFD0009		
4345	0	0	0	048	77	NA	001	NA	NA	NA	5	60	HS24	15	150 psi	CI / PFA	FLANGED	MANUALLY BY HANDLE	TUBSAL3OFF-C08B4MFD0009		
4346	0	0	0	048	77	NA	002	NA	NA	NA	5	60	HS24	15	150 psi	CI / PFA	FLANGED	MANUALLY BY HANDLE	TUBSAL3OFF-C08B4MFD0009		
4347	0	0	0	048	77	NA	001	NA	NA	NA	ATM	60	SW	150	ANS150	DUCTILE IRON (PIPA OR PIPIPI) / GPB	WAFER	MANUALLY BY HANDLE	TUBSAL3OFF-C08B4MFD0009		
4348	0	0	0	048	43	NA	001	NA	NA	NA	ATM	60	SW	25	PN 15	CPVC	SOCKET WELDED	MANUALLY BY HANDLE	TUBSAL3OFF-C08B4MFD0009		
4349	0	0	0	048	43	NA	002	NA	NA	NA	ATM	60	SW	25	PN 15	CPVC	SOCKET WELDED	MANUALLY BY HANDLE	TUBSAL3OFF-C08B4MFD0009		
4350	0	0	0	048	41	NA	001	NA	NA	NA	ATM	60	SW	150	ANS150	DUCTILE IRON (PIPA OR PIPIPI) / GPB	WAFER	MANUALLY BY HANDLE	TUBSAL3OFF-C08B4MFD0009		
4351	0	0	0	048	43	NA	002	NA	NA	NA	5	60	SW	25	PN 15	CPVC	SOCKET WELDED	MANUALLY BY HANDLE	TUBSAL3OFF-C08B4MFD0009		
4352	0	0	0	048	43	NA	002	NA	NA	NA	5	60	SW	100	ANS150	DUCTILE IRON (PIPA OR PIPIPI) / GPB	WAFER	-	TUBSAL3OFF-C08B4MFD0009		
4353	0	0	0	048	44	NA	002	NA	NA	NA	ATM	60	SW	100	ANS150	DUCTILE IRON (PIPA OR PIPIPI) / GPB	WAFER	-	TUBSAL3OFF-C08B4MFD0009		
4354	0	0	0	048	44	NA	002	NA	NA	NA	5	60	SW	25	PN 15	CPVC	SOCKET WELDED	MANUALLY BY HANDLE	TUBSAL3OFF-C08B4MFD0009		
4355	0	0	0	048	44	NA	002	NA	NA	NA	5	60	SW	100	ANS150	DUCTILE IRON (PIPA OR PIPIPI) / GPB	WAFER	MANUALLY BY HANDLE	TUBSAL3OFF-C08B4MFD0009		
4356	0	0	0	048	43	NA	003	NA	NA	NA	5	60	SW	100	ANS150	DUCTILE IRON (PIPA OR PIPIPI) / GPB	WAFER	MANUALLY BY HANDLE	TUBSAL3OFF-C08B4MFD0009		
4357	0	0	0	048	44	NA	003	NA	NA	NA	5	60	SW	100	ANS150	DUCTILE IRON (PIPA OR PIPIPI) / GPB	WAFER	MANUALLY BY HANDLE	TUBSAL3OFF-C08B4MFD0009		
4358	0	0	0	048	45	NA	001	NA	NA	NA	5	60	SW	25	PN 15	CPVC	SOCKET WELDED	MANUALLY BY HANDLE	TUBSAL3OFF-C08B4MFD0009		
4359	0	0	0	048	45	NA	002	NA	NA	NA	5	60	SW	25	PN 15	CPVC	SOCKET WELDED	MANUALLY BY HANDLE	TUBSAL3OFF-C08B4MFD0009		
4360	0	0	0	048	45	NA	003	NA	NA	NA	5	60	SW	25	PN 15	CPVC	SOCKET WELDED	MANUALLY BY HANDLE	TUBSAL3OFF-C08B4MFD0009		
4361	0	0	0	048	45	NA	004	NA	NA	NA	5	60	SW	25	PN 15	CPVC	SOCKET WELDED	MANUALLY BY HANDLE	TUBSAL3OFF-C08B4MFD0009		
4362	0	0	0	048	45	NA	005	NA	NA	NA	5	60	SW	25	PN 15	CPVC	SOCKET WELDED	MANUALLY BY HANDLE	TUBSAL3OFF-C08B4MFD0009		
4363	0	0	0	048	50	NA	001	NA	NA	NA	5	60	SW	40	PN 15	CPVC	SOCKET WELDED	MANUALLY BY HANDLE	TUBSAL3OFF-C08B4MFD0009		
4364	0	0	0	048	50	NA	001	NA	NA	NA	5	60	AMMONIA SULPHATE	25	PN 15	CPVC	SOCKET WELDED	MANUALLY BY HANDLE	TUBSAL3OFF-C08B4MFD0009		
4365	0	0	0	048	51	NA	001	NA	NA	NA	5	60	AMMONIA SULPHATE	40	PN 15	CPVC	SOCKET WELDED	MANUALLY BY HANDLE	TUBSAL3OFF-C08B4MFD0009		
4366	0	0	0	048	51	NA	001	NA	NA	NA	5	60	AMMONIA SULPHATE	25	PN 15	CPVC	SOCKET WELDED	MANUALLY BY HANDLE	TUBSAL3OFF-C08B4MFD0009		
4367	0	0	0	048	51	NA	001	NA	NA	NA	5	60	AMMONIA SULPHATE	25	PN 15	CPVC	SOCKET WELDED	MANUALLY BY HANDLE	TUBSAL3OFF-C08B4MFD0009		
4368	0	0	0	048	50	NA	002	NA	NA	NA	5	60	AMMONIA SULPHATE	25	PN 15	CPVC	SOCKET WELDED	MANUALLY BY HANDLE	TUBSAL3OFF-C08B4MFD0009		