

BALL VALVES FOR GAS TURBINES

Reliable combination:
Ball Valve & Actuator

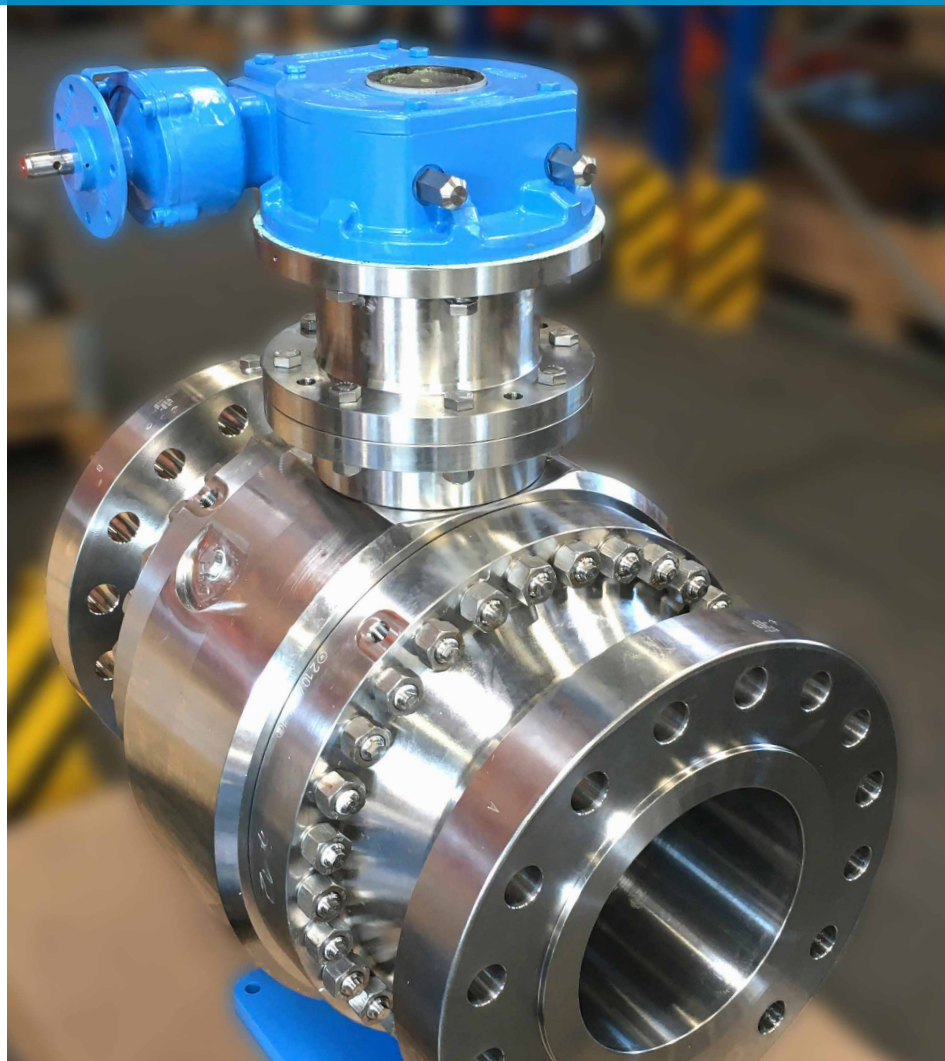
Gas Turbines:

Siemens

SGT5-4000F (V94.3A)

SGT5-2000E (V94.2)

Ansaldo AE94.3A, AE94.2



OVERVIEW

TURBINE
TYPE

SGT5-4000F (V94.3A) / AE94.3A

DN	PN	SIEMENS SLV NUMBER	SERVICE	SLV ITEM	SIEMENS STOCK-NO.	HARTMANN ARTICLE NO.	CONSISTING OUT OF	OLD SLV NUMBER	VALVE MATERIAL	CONN.	ACTUATOR	PAGE
25	160	DGSVL-560307	Fuel Oil Drain	1	PG0034300200	40005338	valve with actuator	SLV-	Stain- less Steel	G1¼"	TA 130 FM	4
				2	PG0034300100	40001245	valve w/o adaption	3560267				
				2	PG0034300100	40001208	valve with adaption					
				3	PG0034300000							
				4	PG0034299900	10027695-001	actuator with controls					
25	160	DPSLV- 00000243 (Ansaldo 425W347)	Fuel Oil Drain	1	P0002867000	40001977	valve with actuator	DGSVL-	Stain- less Steel	G1¼"	TA 130 HA	4
				2	PG0034300100	40001245	valve w/o adaption	560307				
				2	PG0034300100	40001208	valve with adaption					
				3	P0003402500							
				4	P0002867700	10054223-001	actuator with controls					
25	160	DPSLV- 00000140	Fuel Oil Drain	1	P0013476900	40005339	valve with actuator	DGSVL-	Stain- less Steel	G1¼"	B1JU10/40HFL	4
				10	PG0034300100	40005353	valve w/o adaption	560307				
				20	PG0034300000							
				40	P0002856000	10057530-001	actuator with controls					
25	160	SLV-3560261	Fuel Oil Drain	1	266204	40000399	valve with actuator		Stain- less Steel	G1¼"	TA 120/2 FM	4
				2	266205	40001245	valve w/o adaption					
				2	266205	40001208	valve w/o adaption					
				3	266206							
				4	266207	10028238-001	actuator with controls					
50	160	DGSVL-560313	Fuel Oil Drain	1	PG0034718500	40000166	valve with actuator	SLV	Stain- less Steel	R13	ET- SO300-5 - 1x SOV	5
				2	PG0034719000	40000606	valve w/o adaption	3560257				
				3	PG0034719100							
				4	PG0034718800	10024676-001	actuator with controls					
50	160	DGSVL-560313	Fuel Oil Drain	100	PG0034725100	40005260	valve with actuator	SLV	Stain- less Steel	R13	ET- SO300-5 - 2x SOV	5
				2	PG0034719000	40000606	valve w/o adaption	3560257				
				3	PG0034719100							
				104	PG0034725200	10079138-001	actuator with controls					
50	160	SLV-3560254	Fuel Oil Drain	1	245151	40005336	valve with actuator	SLV	Carbon Steel	E	ET-SO600-6	5
				2	245152	40005354	valve w/o adaption	3560519				
				3	245153							
				4	245205	10027655-001	actuator with controls					

TURBINE
TYPE

SGT5-4000F (V94.3A) / AE94.3A

SGT5-2000E (V94.2) / AE94.2

DN	PN	SIEMENS SLV NUMBER	SERVICE	SLV ITEM	SIEMENS STOCK-NO.	HARTMANN ARTICLE NO.	CONSISTING OUT OF	OLD SLV NUMBER	VALVE MATERIAL	CONN.	ACTUATOR	PAGE
25	40	DPSLV- 00000616	Purge Air	2	P0049838200	40001190	valve with actuator	DPSLV- 00000305	Stain- less Steel	B2	ET-SO00150-6 U	6
				DPSLV- 560334								
50	40	DPSLV- 00000616	Purge Air	3	P0049838400	40000098	valve with actuator	DPSLV- 00000305	Stain- less Steel	B2	ET-SC00600-6 U	7
				DPSLV- 560334								
100	40	DPSLV- 00000616	Purge Air	1	P0049837900	40001182	valve with actuator	DPSLV- 00000305	Stain- less Steel	B2	ET-SC00900-6 U	8
				DPSLV- 560334								
100	40		Purge Air	4	P0049838600	40001189	valve with actuator	DPSLV- 00000305	Stain- less Steel	B2	ET-SC00900-6 U with positioner	8
				DPSLV- 560334								
250	100	DPSLV- 00000716	Fuel Gas	1	MBP11AA251	40001946	valve with gearbox	DPSLV- 500196	Stain- less Steel	RF		9
40	100	DPSLV- 00000613 (Ansaldo 425W558)	Fuel Oil Transfer	1	P0049673400	40000103	valve with actuator	DPSLV- 650030	Stain- less Steel	R13	ET25-2-220-04	10
				2	P0049673200	40001426	valve w/o adaption					
				3	P0049672800	40002102						
				4	P0049672900	40002103						
				5	P0050048300	40005351						
				6	P0050048400	10027624-00						
				7	P0049673300	10068980-002	actuator with controls					
40	40	DPSLV- 00000615	Pilot Gas Stop	20	P0049920300	40004311	valve with actuator	DGSLV- 560298	Stain- less Steel	B2	ET25-2-220-04	11
				50	P0049920500	40005355	valve w/o adaption					
				60	P0049920600							
				70	P0049673300	10068980-002	actuator with controls	DGSLV- 560299				
100	40	DPSLV- 00000615	Fuel Gas Stop	10	P0049920100	40004310	valve with actuator	DGSLV- 560298	Stain- less Steel	B2	ET25-2-220-04	12
				30	P0049920200	40005356	valve w/o adaption					
				40	P0049920300							
				70	P0049673300	10068980-002	actuator with controls	DGSLV- 560299				
100	16	SLV-3560256	Fuel Oil	1	236274	40005337	valve with actuator		Stain- less Steel	E	ET-SC00600-6	13
				2	236276	40005357	valve w/o adaption					
				3	236280							
				4	236282	10023817-001	actuator with controls					
		Electrical Actuator for SGT5-2000E		1	P0049673300	10068980-002	actuator with controls	DGSLV- 560293			ET25-2-220-04	

Further ball valves for turbines on request.

BALL VALVE DN 25 PN 160

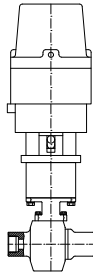


Gas Turbine: SGT5-4000F (V94.3A) / AE94.3A
Specifications: DGSLV-560307, DPSLV-00000243, DPSLV-00000140, SLV-3560261

Service: Fuel Oil Drain
Function: Shut-Off Valve
Features: Metal-seated, PTFE coating
Type: ASFS
End Connection: ISO G 1 1/4"
Length (mm): 216

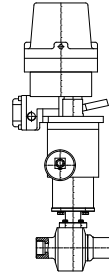
Media (Temperature): Fuel Oil (+55°C),
 Natural Gas (+315°C, max. 10 s)

Material Body: Stainless Steel
Material Internals: Stainless Steel

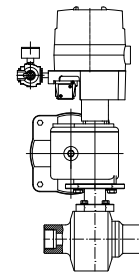


Actuator

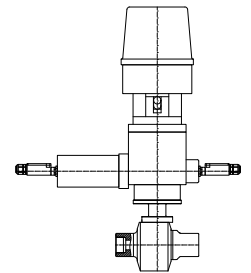
TA 130 HA electric



TA 130 FM electric



B1JU10/40HFL
 electric



TA 120/2 FM
 electric

Specification: DGSLV-560307
Item: 1
Siemens Stock No.: PG0034300200
Hartmann Article No.: 40005338

DPSLV-00000243
 1
 P0002867000
 40001977

DPSLV-00000140
 1
 P0013476900
 40005339

SLV-3560261
 1
 266204
 40000399

BALL VALVE DN 50 PN 160



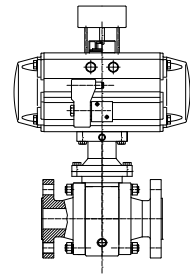
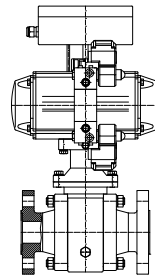
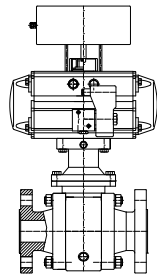
Gas Turbine: SGT5-4000F (V94.3A) / AE94.3A
 Specifications: DGSLV-560313, DGSLV-560313,
 SLV-3560254

Service: Fuel Oil Drain
 Function: Shut-Off Valve
 Features: PTFE coating
 Type: AST
 End Connection: DIN EN 1092-1 F;
 DIN EN 1092-1 B2

Length (mm): 300

Media (Temperature): Fuel Oil (+55°C, +100°C),
 Water (+100°C), Air (+200°C)

Material Body: Stainless Steel, Carbon Steel
 Material Internals: Stainless Steel



Actuator

ET-S0300-5
 pneumatic 1x SOV

ET-S0300-5
 pneumatic 2x SOV

ET-S0600-6
 pneumatic

Specification: DGSLV-560313
 Item: 1
 Siemens Stock No.: PG0034718500
 Hartmann Article No.: 40000166

DGSLV-560313
 100
 PG0034725100
 40005260

SLV-3560254
 1
 245151
 40005336

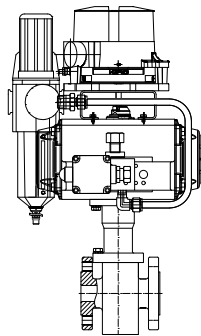
BALL VALVE DN 25 PN 40



Gas Turbine: SGT5-4000F (V94.3A) / AE94.3A
Specification: DPSLV-00000616

Service: Purge Air
Function: Shut-Off Valve
Type: ASF
End Connection: DIN EN 1092-1 B2
Length (mm): 125

Media (Temperature): Air (+220°C)
Material Body: Stainless Steel
Material Internals: Stainless Steel



Actuator

ET-S000150-6 U pneumatic

Specification: DPSLV-00000616
Item: 2
Siemens Stock No.: P0049838200
Hartmann Article No.: 40001190

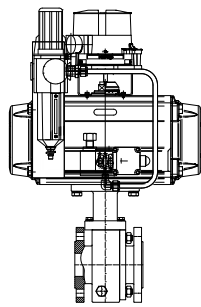
BALL VALVE DN 50 PN 40



Gas Turbine: SGT5-4000F (V94.3A) / AE94.3A
Specification: DPSLV-00000616

Service: Purge Air
Function: Shut-Off Valve
Type: ASF
End Connection: DIN EN 1092-1 B2
Length (mm): 150

Media (Temperature): Air (+220°C)
Material Body: Stainless Steel
Material Internals: Stainless Steel



Actuator

ET-SC00600-6 U pneumatic

Specification: DPSLV-00000616
Item: 3
Siemens Stock No.: P0049838400
Hartmann Article No.: 40000098

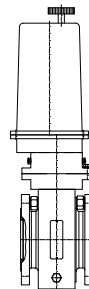
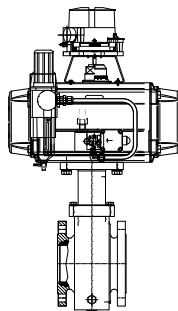
BALL VALVE DN 100 PN 40



Gas Turbine: SGT5-4000F (V94.3A) / AE94.3A
Specification: DPSLV-00000616

Service: Purge Air
Function: Shut-Off Valve
Type: AST
End Connection: DIN EN 1092-1 B2
Length (mm): 190

Media (Temperature): Air (+220°C)
Material Body: Stainless Steel
Material Internals: Stainless Steel



Actuator

ET-SC00900-6 U X
pneumatic

ET-SC00900-6 U
pneumatic + pos.

Specification: DPSLV-00000616
Item: 1
Siemens Stock No.: P0049837900
Hartmann Article No.: 40001182

DPSLV-00000616
4
P0049838600
40001189

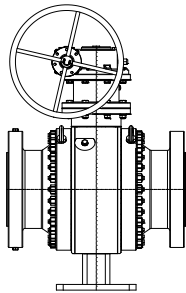
BALL VALVE DN 250 PN 100



Gas Turbine: SGT5-4000F (V94.3A) / AE94.3A
Specification: DPSLV-00000716

Service: Fuel Gas
Function: Shut-Off Valve
Features: Metal-seated
Type: AST
End Connection: RF
Length (mm): 787

Media (Temperature): Fuel Gas (+250°C)
Material Body: Stainless Steel
Material Internals: Stainless Steel



Actuator

Gearbox + Handwheel

Specification: DPSLV-00000716
Item: 1
Siemens Stock No.: MBP11AA251
Hartmann Article No.: 40001946

BALL VALVE DN 40 PN 100

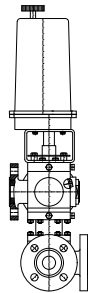


Gas Turbine: SGT5-2000E (V94.2) / AE94.2
Specification: DPSLV-00000613

Service: Fuel Oil Transfer
Function: Elbow Valve + Three-Way-Valve
Type: KUT
End Connection: DIN EN 1092-1 B2
Length (mm): 240

Media (Temperature): Fuel Oil, light (LFO) (+55°C),
Fuel Oil, heavy (RFO) (+140°C),
Air (+160°C)

Material Body: Stainless Steel
Material Internals: Stainless Steel



Actuator

ET25-2-220-04 electric

Specification: DPSLV-00000613
Item: 1
Siemens Stock No.: P0049673400
Hartmann Article No.: 40000103

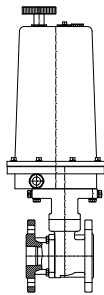
BALL VALVE DN 40 PN 40



Gas Turbine: SGT5-2000E (V94.2) / AE94.2
Specification: DPSLV-0000615

Service: Pilot Gas Stop
Function: Shut-Off Valve
Type: ASF
End Connection: DIN EN 1092-1 B2
Length (mm): 140

Media (Temperature): Natural Gas (+200°C)
Material Body: Stainless Steel
Material Internals: Stainless Steel



Actuator [ET25-2-220-04 electric](#)

Specification: DPSLV-0000615
Item: 20
Siemens Stock No.: P0049920300
Hartmann Article No.: 40004311

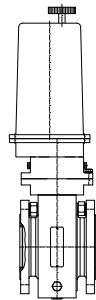
BALL VALVE DN 100 PN 40



Gas Turbine: SGT5-2000E (V94.2) / AE94.2
Specification: DPSLV-0000615

Service: Fuel Gas Stop
Function: Shut-Off Valve
Type: ASTG
End Connection: DIN EN 1092-1 B2
Length (mm): 190

Media (Temperature): Natural Gas (+200°C)
Material Body: Stainless Steel
Material Internals: Stainless Steel



Actuator

ET25-2-220-04 electric

Specification: DPSLV-0000615
Item: 10
Siemens Stock No.: P0049920100
Hartmann Article No.: 40004310

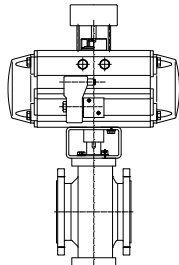
BALL VALVE DN 100 PN 16



Gas Turbine: SGT5-2000E (V94.2) / AE94.2
Specification: SLV-3560256

Service: Fuel Oil
Function: Shut-Off Valve
Type: ASTG
End Connection: DIN EN 1092-1 B2
Length (mm): 190

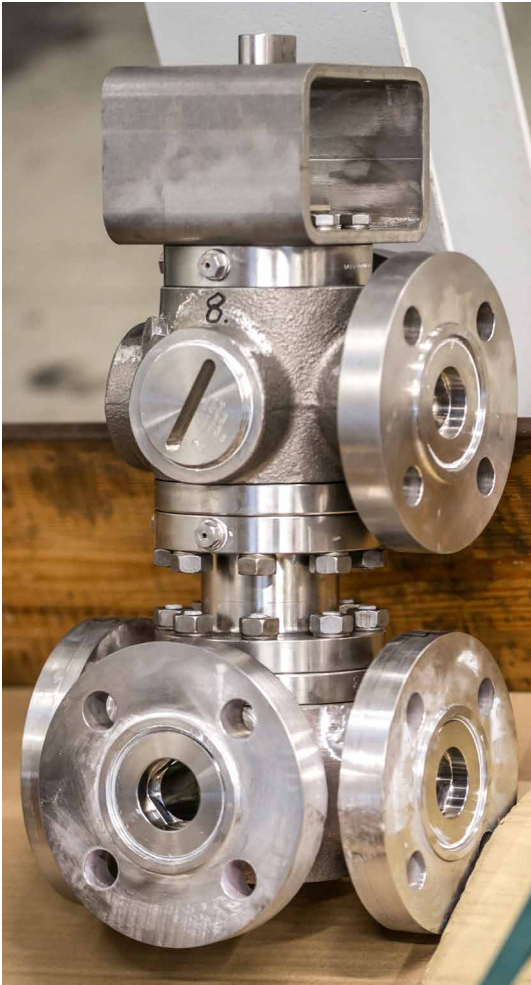
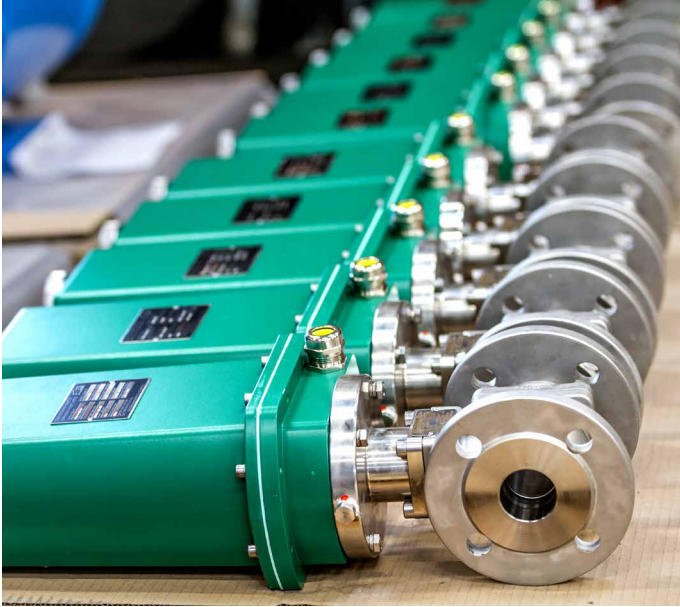
Media (Temperature): Fuel Oil (+55°C)
Material Body: Carbon Steel
Material Internals: Stainless Steel



Actuator

ET-SC00600-6 pneumatic

Specification: SLV-3560256
Item: 1
Siemens Stock No.: 236274
Hartmann Article No.: 40005337



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HARTMANN VALVES & WELLHEADS

The family-owned Hartmann Valves GmbH is one of the leading manufacturers of special ball valves, scraper valves and wellheads. Our high performance components are installed all over the world - in the crude oil, natural gas, (petro)chemical industry as well as in power plant technology, geothermal and other renewables such as power to gas.

All products are designed to individual requirements and equipped with our metal-to-metal sealing system. Design, assembly and tests are carried out solely in our factories in Celle and Burgdorf-Ehlershausen. Hartmann is now run by the third family generation and have developed into an international system supplier that today employs over 160 people.



A GLIMPSE INTO OUR PRODUCTION

www.hartmann-valves.com/en/film

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