



Gedik Termo Valve

53 years

VALVES AND ARMATURES

SAFETY VALVE
BALL VALVE
DUCTILE IRON VALVE
STEAM TRAP
HEATING VALVE
COOLING VALVE
HYDRANT VALVE
EJECTOR VALVE
BUTTERFLY VALVE
NATURAL GAS VALVE
COPPER VALVE
ALLOY VALVE
UNDERGROUND VALVE
FIRE VALVE
MILITARY AND COMMERCIAL VALVE
SHIPS VALVE
LPG VALVE
INDUSTRIAL VALVE
ENERGY POWER PLANTS VALVE





Since 1967...



Gedik Termo Valve

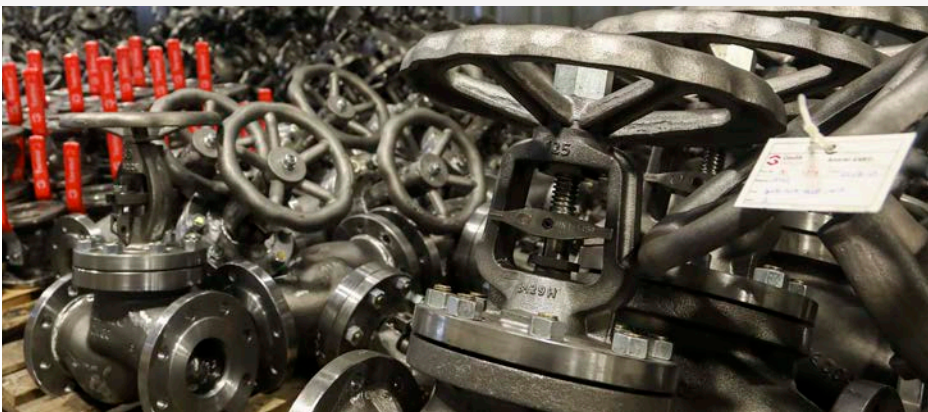
As a **Gedik Holding** subsidiary, **Gedik Termo Valve** has been producing medium and high pressure class valves required by the industry since 1967. Gedik Termo Valve, headquartered in Istanbul, is an integrated company that performs all processes of casting and valve production together with **Gedik Advanced Casting Technologies** brand in a closed area of 25.000 m² in Sakarya. Gedik Termo Valve, produces for many sectors such as industrial and power plants, water and treatment plants, chemistry, oil and shipbuilding industries with cast iron, ductile iron, steel, stainless, duplex and bronze valves under the brand name of "TERMO". Gedik Termo Valve has continuously developed since its establishment and followed new technologies closely and pioneered the production of many products locally and nationally, successfully addressing heating-cooling, steam, hot oil, hot water, LPG, natural gas, oil and all kinds of chemical fluid applications.

In addition to the production of Termo brand safety valves, Gedik Termo Valve also distributes German LESER safety valves.

Gedik Termo Valve produces valves in different designs and brands to many international companies with their own brands, and contributes to the export of Turkey.

Gedik Termo Valve producing in Turkey across nine regional offices, each province are presented to our customers with dealers and after-sales service network. Production is carried out in compliance with national and international standards such as **ISO 9001: 2008, TSE, CE, PED 97/23 / EC, AD 2000-W0, AD 2000-HP0, Türk Loydu, Bureau Veritas, DNV, RINA, GOST, SEPRO and WRAS.**





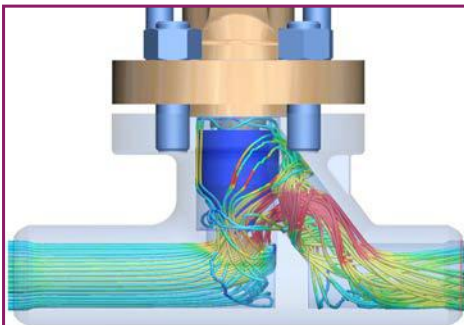
Certification

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“TERMO” valves and armatures having technologically and functionally advanced design features are manufactured based on environment and user friendly principles such as high energy efficiency, improved safety and low maintenance.

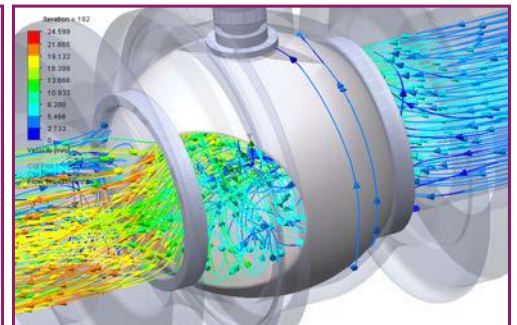
We invest in R&D to achieve desired solutions by controlling and monitoring each stage of casting process and design of valves with advanced casting and flow simulation softwares.



Globe Valve Flow Analysis



Angular Globe Valve
Thermal and Mechanic Analysis



Ball Valve Flow Analysis

“TERMO” valves and armatures are used in wide range of sectors including industrial facilities, power plants, chemistry, petroleum, shipbuilding and construction.



Industrial Facilities



Power Plants



Chemistry



Oil & Gas



Shipbuilding



HVAC

GLOBE VALVE



PRODUCT CODE	TVGA13D	TVGA13F	TVGA25F	TVGA36F	TVGA66D	TVGA66F
NOMINAL PRESSURE	PN16	PN16	PN25	PN40	PN40	PN40
CONNECTIONS	THREADED	FLANGED	FLANGED	FLANGED	THREADED	FLANGED
DIMENSIONS	1/2" - 2"	DN15-300	DN15-300	DN15-300	1/2" - 2"	DN15-300
BODY MATERIAL	GREY IRON GG25	GREY IRON GG25	DUCTILE IRON GGG40.3	STEEL GS-C25	SS 316	SS 316
WORKING TEMP. MAX.	300°C (10 BAR)	300°C (10 BAR)	350°C (14 BAR)	400°C (21 BAR)	400°C (21 BAR)	400°C (21 BAR)
WORKING PRESSURE MAX.	16 BAR	16 BAR	25 BAR	40 BAR	40 BAR	40 BAR
CONNECTION STANDART	DIN 2999	DIN 2533	DIN 2534	DIN 2535	DIN 2999	DIN 2535
FACE TO FACE SIZE	DIN 3202 - M9	DIN 3202-F1	DIN 3202-F1	DIN 3202-F1	DIN 3202 - M9	DIN 3202-F1

Option: Soft Seat, Stellited Seat, Stellited Disc, Regulation Disc **Option:** Butt Welded

BELLOWS SEALED GLOBE VALVE



PRODUCT CODE	TVGK13F	TVGK25F	TVGK36F	TVGK66F
NOMINAL PRESSURE	PN16	PN25	PN40	PN40
CONNECTIONS	FLANGED	FLANGED	FLANGED	FLANGED
DIMENSIONS	DN15-300	DN15-300	DN15-300	DN15-300
BODY MATERIAL	GREY IRON (GG25)	DUCTILE IRON (GGG40.3)	STEEL (GS-C25)	SS 304/316
BELLOWS MATERIAL	SS 316Ti (2Layer)	SS 316Ti (3Layer)	SS 316Ti (3Layer)	SS 316Ti (3Layer)
WORKING TEMP. MAX.	300°C (10 BAR)	350°C (14 BAR)	400°C (21 BAR)	400°C (21 BAR)
WORKING PRESSURE MAX.	16 BAR	25 BAR	40 BAR	40 BAR
CONNECTION STANDART	DIN 2533	DIN 2534	DIN 2535	DIN 2535
FACE TO FACE SIZE	DIN 3202-F1	DIN 3202-F1	DIN 3202-F1	DIN 3202-F1

Option: Soft Seat, Stellited Seat, Stellited Disc, Regulation Disc **Option:** Butt Welded

FORGED STEEL GLOBE VALVE



PRODUCT CODE	TVGA46F	TVGA46B
NOMINAL PRESSURE	PN40	PN40
CONNECTIONS	FLANGED	BUTT WELDED
DIMENSIONS	DN15-50	1/2" - 2"
BODY MATERIAL	C22.8 (A105)	C22.8 (A105)
WORKING TEMP. MAX.	425°C (20 BAR)	425°C (20 BAR)
WORKING PRESSURE MAX.	40 BAR	40 BAR
CONNECTION STANDART	DIN 2535	DIN 3239-1
FACE TO FACE SIZE	DIN 3202-F1	DIN 3202 -S1

Option: Soft Seat, Stellited Seat, Stellited Disc, Regulation Disc

FORGED STEEL GLOBE VALVE HIGH PRESSURE & TEMPERATURE



PRODUCT CODE	TVVA49B	TVVAM9B	TVVA4EB	TVVA4GB
NOMINAL PRESSURE	PN63/100	PN63/100	PN250	PN500
CONNECTIONS	BUTT WELDED	BUTT WELDED	BUTT WELDED	BUTT WELDED
DIMENSIONS	1/2" - 2"	1/2" - 2"	1/2" - 2"	1/2" - 2"
BODY MATERIAL	C22.8 (A105)	17CrMo55	C22.8	C22.8
WORKING TEMP. MAX.	450°C (21 BAR)	550°C (21 BAR)	400°C (110 BAR)	400°C (264 BAR)
WORKING PRESSURE MAX.	63/100 BAR	63/100 BAR	250 BAR	500 BAR
CONNECTION STANDART	DIN 3239-1	DIN 3239-1	DIN 3239-1	DIN 3239-1
FACE TO FACE SIZE	DIN 3202 -S3	DIN 3202 -S3	DIN 3202 -S3	DIN 3202 -S3

Option Body Material: 16Mo3 (1.5415), 13CrMo4-5 (1.7335), 17CrMo55 (1.7357)
Option Internal Parts: Stellited Seat, Stellited Disc, Regulation Disc **Option:** Actuator Adapter

PISTON TYPE VALVE



PRODUCT CODE	TVPA13D	TVPA13F	TVPA26F	TVPA36F
NOMINAL PRESSURE	PN16	PN16	PN40	PN40
CONNECTIONS	THREADED	FLANGED	FLANGED	FLANGED
DIMENSIONS	1/2" - 2"	DN15-200	DN15-200	DN15-200
BODY MATERIAL	GG25	GG25	GGG40.3	GS-C25
BALANCE PISTON DIM.	DN65-200	DN65-200	DN65-200	DN65-200
RING MATERIAL	CARBON GRAPHITE	CARBON GRAPHITE	CARBON GRAPHITE	CARBON GRAPHITE
WORKING TEMP. MAX.	300°C (10 BAR)	300°C (10 BAR)	350°C (21 BAR)	400°C (21 BAR)
WORKING PRESSURE MAX.	16 BAR	16 BAR	40 BAR	40 BAR
CONNECTION STANDART	DIN 2999	DIN 2533	DIN 2535	DIN 2535
FACE TO FACE SIZE	DIN 3202 - M9	DIN 3202-F1	DIN 3202-F1	DIN 3202-F1

STAINLESS STEEL BALL VALVE - THREADED - 2P/3P



PRODUCT CODE	ZBVB68D	ZBVE68D	TBVE68B	TBVE68C
BODY DESIGN	2 PIECES	2 PIECES	3 PIECES	3 PIECES
NOMINAL PRESSURE	PN63	PN63	PN63	PN63
CONNECTIONS	THREADED	THREADED	BUT WELDING	SOCKET WELDING
DIMENSIONS	1/2" - 2"	1/2" - 2"	1/2" - 2"	1/2" - 2"
BODY MATERIAL	SS 304/316	SS 304/316	SS 304/316	SS 304/316
BALL MATERIAL	SS 304/316	SS 304/316	SS 304/316	SS 304/316
GASKET MATERIAL	PTFE	PTFE	PTFE	PTFE
WORKING TEMP. MAX.	180 °C	180 °C	180 °C	180 °C
WORKING PRESSURE MAX.	63 BAR	63 BAR	63 BAR	63 BAR
CONNECTION STANDART	DIN 2999	DIN 2999	DIN 3239-1	DIN 3239-2
FACE TO FACE SIZE	DIN 3202 - M3	DIN 3202 - M3	DIN 3202 - S2	DIN 3202 - M3

STAINLESS STEEL BALL VALVE - FLANGED - 2P/3P



PRODUCT CODE	ZBVH63F	ZBVE66F
BODY DESIGN	2 PIECES	3 PIECES
NOMINAL PRESSURE	PN16	PN40
CONNECTIONS	FLANGED	FLANGED
DIMENSIONS	DN15-200	DN15-100
BODY MATERIAL	SS 304/316	SS 304/316
BALL MATERIAL	SS 304/316	SS 304/316
GASKET MATERIAL	PTFE	PTFE
WORKING TEMP. MAX.	180 °C	180 °C
WORKING PRESSURE MAX.	16 BAR	40 BAR
CONNECTION STANDART	DIN 2533	DIN 2535
FACE TO FACE SIZE	DIN 3202 - F4	DIN 3202 - F1

STAINLESS STEEL STRAINER



PRODUCT CODE	ZPTY56D	ZPTY66D	TPTY56F	TPTY66F
NOMINAL PRESSURE	PN40	PN40	PN40	PN40
CONNECTIONS	THREADED	THREADED	FLANGED	FLANGED
DIMENSIONS	1/2" - 2"	1/2" - 2"	DN15-300	DN15-300
BODY MATERIAL	SS 304	SS 316	SS 304	SS 316
FILTER MATERIAL	SS 304	SS 316	SS 304	SS 316
WORKING TEMP. MAX.	180 °C	180 °C	400°C (21 BAR)	400°C (21 BAR)
WORKING PRESSURE MAX.	40 BAR	40 BAR	40 BAR	40 BAR
CONNECTION STANDART	DIN 2999	DIN 2999	DIN 2535	DIN 2535
FACE TO FACE SIZE	DIN 3202 - M3	DIN 3202 - M3	DIN 3202 - F1	DIN 3202 - F1

STAINLESS STEEL DISC CHECK VALVE



PRODUCT CODE	TCVE56W	TCVE66W
NOMINAL PRESSURE	PN40	PN40
CONNECTIONS	WAFER	WAFER
DIMENSIONS	DN15-100	DN15-100
BODY MATERIAL	SS 304	SS 316
DISK MATERIAL	SS 304	SS 316
WORKING TEMP. MAX.	400°C (21 BAR)	400°C (21 BAR)
WORKING PRESSURE MAX.	40 BAR	40 BAR
FACE TO FACE SIZE	DIN 3202 - K4	DIN 3202 - K4

STAINLESS STEEL SWING CHECK VALVE



PRODUCT CODE	ZCVC56D	ZCVC66D
NOMINAL PRESSURE	PN40	PN40
CONNECTIONS	THREADED	THREADED
DIMENSIONS	1/2" - 2"	1/2" - 2"
BODY MATERIAL	SS 304	SS 316
WORKING TEMP. MAX.	180 °C	180 °C
WORKING PRESSURE MAX.	40 BAR	40 BAR
CONNECTION STANDART	DIN 2999	DIN 2999
FACE TO FACE SIZE	DIN 3202 - M3	DIN 3202 - M3

MONOBLOCK BALL VALVE - FIRE SAFE



PRODUCT CODE	TBVM36W	TBVM66W
NOMINAL PRESSURE	PN40	PN40
CONNECTIONS	WAFER	WAFER
DIMENSIONS	DN15-150	DN15-100
BODY MATERIAL	CARBON STEEL	SS 304/316
BALL MATERIAL	SS 420	SS 304/316
GASKET MATERIAL	PTFE	PTFE
WORKING TEMP. MAX.	-29 / +180 °C	-29 / +180 °C
WORKING PRESSURE MAX.	40 BAR	40 BAR

COMPACT BALL VALVE - FLANGED



PRODUCT CODE	TBVM13P
NOMINAL PRESSURE	PN16
CONNECTIONS	FLANGED
DIMENSIONS	DN 40-200
BODY MATERIAL	GG25
BALL MATERIAL	SS 420
GASKET MATERIAL	PTFE
WORKING TEMP. MAX.	180 °C
WORKING PRESSURE MAX.	16 BAR
CONNECTION STANDART	DIN 2533

BALL VALVE- 2 PIECES - FULL BORE



PRODUCT CODE	TBVH13F	TBVB13F
NOMINAL PRESSURE	PN16	PN16
CONNECTIONS	FLANGED	FLANGED
DIMENSIONS	DN40-125	DN150-300
BODY MATERIAL	GG25	GG25
BODY DESIGN	2 PIECES - FB	2 PIECES - FB
BALL MATERIAL	SS 420	SS 420
GASKET MATERIAL	PTFE	PTFE
WORKING TEMP. MAX.	180 °C	180 °C
WORKING PRESSURE MAX.	16 BAR	16 BAR
CONNECTION STANDART	DIN 2533	DIN 2533
FACE TO FACE SIZE	DIN 3202 - F4	DIN 3202 - F5

BALL VALVE THREADED- FULL BORE



PRODUCT CODE	TBVE13D/TBVP13D	TBVE36D/TBVP36D
NOMINAL PRESSURE	PN16	PN40
CONNECTIONS	THREADED	THREADED
DIMENSIONS	1/2" - 2 1/2"	1/2" - 2 1/2"
BODY MATERIAL	GG25	GS-C25
BODY DESIGN	3 PIECES - FB/RB	3 PIECES - FB/RB
BALL MATERIAL	SS 420	SS 420
GASKET MATERIAL	PTFE	PTFE
WORKING TEMP. MAX.	180 °C	180 °C
WORKING PRESSURE MAX.	16 BAR	40 BAR
CONNECTION STANDART	DIN 2999	DIN 2999
FACE TO FACE SIZE	DIN 3202 - M3	DIN 3202 - M3

BALL VALVE FLANGED- FULL BORE



PRODUCT CODE	TBVE13F/TBVP13F	TBVE25F/TBVP13F	TBVE36F/TBVP36F
NOMINAL PRESSURE	PN16	PN25	PN40
CONNECTIONS	FLANGED	FLANGED	FLANGED
DIMENSIONS	DN15-300	DN15-300	DN150-300
BODY MATERIAL	GREY IRON (GG25)	DUCTILE IRON (GGG40.3)	STEEL (GS-C25)
BODY DESIGN	3P/2P - FB/RB	3P/2P - FB/RB	3P/2P - FB/RB
BALL MATERIAL	SS 420	SS 420	SS 420
GASKET MATERIAL	PTFE	PTFE	PTFE
WORKING TEMP. MAX.	180 °C	180 °C	180 °C
WORKING PRESSURE MAX.	16 BAR	25 BAR	40 BAR
CONNECTION STANDART	DIN 2533	DIN 2534	DIN 2535
FACE TO FACE SIZE	DIN 3202 - F1	DIN 3202 - F1	DIN 3202 - F1

BALL VALVES FOR GAS - FULL BORE



PRODUCT CODE	TBDE36D/TBDP36D	TBDE25F/TBDP25F	TBDE36F/TBDP36F
NOMINAL PRESSURE	PN40	PN25	PN40
CONNECTIONS	THREADED	FLANGED	FLANGED
DIMENSIONS	1/2" - 2"	DN15-250	DN15-250
BODY MATERIAL	STEEL (GS-C25)	DUCTILE IRON (GGG40.3)	STEEL (GS-C25)
BODY DESIGN	3P - FB/RB	3P - FB/RB	3P - FB/RB
BALL MATERIAL	SS 420	SS 420	SS 420
GASKET MATERIAL	PTFE	PTFE	PTFE
WORKING TEMP. MAX.	180 °C	180 °C	180 °C
WORKING PRESSURE MAX.	16 BAR	25 BAR	40 BAR
CONNECTION STANDART	DIN 2999	DIN 2534	DIN 2535
FACE TO FACE SIZE	DIN 3202 - M3	DIN 3202 - F1	DIN 3202 - F1

BALL VALVE API - ANSI (TRUNNION)



PRODUCT CODE	TBVV34E	TBVV37E
NOMINAL PRESSURE	CLASS 150	CLASS 300
CONNECTIONS	ANSI FLANGED	ANSI FLANGED
DIMENSIONS	2" - 12" (DN50-300)	2" - 12" (DN50-300)
BODY MATERIAL	STEEL (A216 WCB)	STEEL (A216 WCB)
BODY DESIGN	FB/RB - 3 PIECES	FB/RB - 3 PIECES
BALL MATERIAL	SS 420	SS 420
GASKET MATERIAL	PTFE	PTFE
WORKING TEMP. MAX.	180 °C	180 °C
WORKING PRESSURE MAX.	20 BAR	50 BAR
CONNECTION STANDART	ANSI B16.5	ANSI B16.5
FACE TO FACE SIZE	ANSI B16.10 - API 6D	ANSI B16.10 - API 6D

BRASS BALL VALVE



PRODUCT CODE	YDBB93D
NOMINAL PRESSURE	PN16
CONNECTIONS	THREADED
DIMENSIONS	1/2" - 4"
BODY MATERIAL	MS58
BALL MATERIAL	MS58
GASKET MATERIAL	PTFE
CONNECTION STANDART	EN ISO 228-1

BRASS STRAINER



PRODUCT CODE	YPTY93D
NOMINAL PRESSURE	PN16
CONNECTIONS	THREADED
DIMENSIONS	1/2" - 2"
BODY MATERIAL	MS58
FILTER MATERIAL	STAINLESS
CONNECTION STANDART	EN ISO 228-1

BRASS CHECK VALVE



PRODUCT CODE	YCVA93D
NOMINAL PRESSURE	PN16
CONNECTIONS	THREADED
DIMENSIONS	1/2" - 2"
BODY MATERIAL	MS58
CONNECTION STANDART	EN ISO 228-1

BUTTERFLY VALVE - WAFER



PRODUCT CODE	TKVF23N	TKVF23L
NOMINAL PRESSURE	PN16	PN16
CONNECTIONS	WAFER	WAFER
DIMENSIONS	DN40-800	DN40-800
BODY MATERIAL (DN40-300)	GGG.40.3	GGG.40.3
BODY MATERIAL (DN350-800)	GGG40.3	GGG40.3
DISC MATERIAL	GGG40.3	SS 304 / SS 316 / CuSn10
GASKET MATERIAL	EPDM / NBR / VITON	EPDM / NBR / VITON
WORKING TEMP. MAX.	110 °C	110 °C
WORKING PRESSURE MAX.	16 BAR	16 BAR
FACE TO FACE SIZE	DIN 3202-K1	DIN 3202-K1

Option: Silicone Gasket



BUTTERFLY VALVE - LUG



PRODUCT CODE	TKVB23N	TKVB23L
NOMINAL PRESSURE	PN16	PN16
CONNECTIONS	LUG	LUG
DIMENSIONS	DN40-800	DN40-800
BODY MATERIAL (DN40-300)	GGG.40.3	GGG.40.3
BODY MATERIAL (DN350-800)	GGG40.3	GGG40.3
DISC MATERIAL	GGG40.3	SS 304 / SS 316 / CuSn10
GASKET MATERIAL	EPDM / NBR / VITON	EPDM / NBR / VITON
WORKING TEMP. MAX.	110 °C	110 °C
WORKING PRESSURE MAX.	16 BAR	16 BAR
FACE TO FACE SIZE	DIN 3202-K1	DIN 3202-K1

Option: Silicone Gasket



GEAR BOX



PRODUCT CODE	ZAJR
TORC RANGE	300 - 2.000 Nm
ADAPTER DIMENSIONS (SQUARE)	9/11/14/17/22/27 mm
BODY MATERIAL	GG25
CONNECTIONS	ISO 5211

PNEUMATIC ACTUATOR



PRODUCT CODE	YAKC	YAKT
TYPE	DOUBLE ACTING	SINGLE ACTING
TORC	9 - 3.510 Nm	10 - 1.342 Nm
BODY MATERIAL	ALUMINIUM	ALUMINIUM
CONNECTIONS	ISO 5211	ISO 5211

Accessory: Solenoid Valve, Mechanical / Proximity Switch Box, Positioner

ELECTRICAL ACTUATOR



PRODUCT CODE	YAKE1000	YAKE4000
TYPE	24 VDC	220 VAC
TORC	20 - 500 Nm	20 - 9.000 Nm
PROTECTION CLASS	IP 67-68	IP 67-68
BODY MATERIAL	ALUMINIUM	ALUMINIUM
CONNECTIONS	ISO 5211	ISO 5211



GATE VALVE (SOFT SEAL)

PRODUCT CODE	ZVGA23F	
NOMINAL PRESSURE	PN16	
CONNECTIONS	FLANGED	
DIMENSIONS	DN40-400	
BODY MATERIAL	GGG40.3	
DISC	EPDM	
WORKING TEMP. MAX.	110 °C	
WORKING PRESSURE MAX.	16 BAR	
CONNECTION STANDART	DIN 2533	
FACE TO FACE SIZE	DIN 3202 - F4	



GATE VALVE - STEEL

PRODUCT CODE	ZVHA33F	ZVHA36F	ZVGA38F
NOMINAL PRESSURE	PN16	PN40	PN63
CONNECTIONS	FLANGED	FLANGED	FLANGED
DIMENSIONS	DN50-200	DN50-200	DN50-150
BODY MATERIAL	GS-C25 (WCB)	GS-C25 (WCB)	GS-C25 (WCB)
WORKING TEMP. MAX.	425 (16 BAR)	425 (20 BAR)	425 (20 BAR)
WORKING PRESSURE MAX.	16 BAR	40 BAR	63 BAR
CONNECTION STANDART	DIN 2533	DIN 2535	DIN 2536
FACE TO FACE SIZE	DIN 3202 - F5	DIN 3202 - F7	DIN 3202 - F7



SWING CHECK VALVE-STEEL

PRODUCT CODE	ZCVC33F	ZCVC36F	ZCVC38F
NOMINAL PRESSURE	PN16	PN40	PN63
CONNECTIONS	FLANGED	FLANGED	FLANGED
DIMENSIONS	DN50-200	DN50-150	DN50-150
BODY MATERIAL	GS-C25 (WCB)	GS-C25 (WCB)	GS-C25 (WCB)
DISC MATERIAL	STAINLESS STEEL	STAINLESS STEEL	STAINLESS STEEL
WORKING TEMP. MAX.	425 (16 BAR)	425 (20 BAR)	425 (20 BAR)
WORKING PRESSURE MAX.	16 BAR	40 BAR	63 BAR
CONNECTION STANDART	DIN 2533	DIN 2535	DIN 2536
FACE TO FACE SIZE	DIN 3202 - F1	DIN 3202 - F1	DIN 3202 - F2



FIRE HYDRANT (ABOVE GROUND)

PRODUCT CODE	TYHC13F	TYHC13F	TYHC13F
DIMENSIONS	DN80	DN100	DN150
HEIGHT (mm)	1.450	1.200/1.630/2.150	1.385/1.835
NOMINAL PRESSURE	PN16	PN16	PN16
MATERIAL	GG25	GG25	GG25
evacuation capacity (Vp=1bar) Body Option: GGG40.3 design	single: 60,8 m³/h double: 104,5 m³/h	single: 85 m³/h double: 137 m³/h	single: 200 m³/h double: 122 m³/h



TYHD13F	TYHD13F	TYHD13F
DN80	DN100	DN150
PN16	PN16	PN16
GG25	GG25	GG25



FIRE HYDRANT (UNDER GROUND)

PRODUCT CODE	TYHB13F	TYHK13
DIMENSIONS	DN80	Cover
NOMINAL PRESSURE	PN16	PN16
MATERIAL	GG25	GG25

MANUALLY CONTROLLED BUTTERFLY VALVE



PRODUCT CODE	
NOMINAL PRESSURE	PN16/25
CONNECTIONS	FLANGED
DIMENSIONS	DN100 - DN2000
BODY MATERIAL	DUCTILE IRON (GGG40,3)
WORKING TEMP. MAX.	90°C
WORKING PRESSURE MAX.	PN16/25
CONNECTION STANDART	EN 1092-2
FACE TO FACE SIZE	TS EN 558-1

DISMANTLING PART



PRODUCT CODE	
NOMINAL PRESSURE	PN16/25
CONNECTIONS	FLANGED
DIMENSIONS	DN50 - DN2000
BODY MATERIAL	DUCTILE IRON (GGG40,3)
WORKING TEMP. MAX.	90°C
WORKING PRESSURE MAX.	PN16/25

TILTING CHECKVALVE



PRODUCT CODE	
NOMINAL PRESSURE	PN16/25
CONNECTIONS	FLANGED
DIMENSIONS	DN100 - DN1600
BODY MATERIAL	DUCTILE IRON (GGG40,3)
WORKING TEMP. MAX.	90°C
WORKING PRESSURE MAX.	PN16/25
CONNECTION STANDART	EN 1092-2
FACE TO FACE SIZE	TS EN 558-1

KNIFE GATE VALVE



PRODUCT CODE	
NOMINAL PRESSURE	PN10/16
CONNECTIONS	WAFER
DIMENSIONS	DN50 - DN1400
BODY MATERIAL	DUCTILE IRON (GGG40,3) / GS-C25 / SS304 / SS316
DISC MATERIAL	AISI 304 / AISI 316
WORKING TEMP. MAX.	120°C
WORKING PRESSURE MAX.	PN10/16

IMPACT FREE DYNAMIC VACUUM LIFTER

DOUBLE BALL VACUUM LIFTER

SINGLE BALL VACUUM LIFTER



PRODUCT CODE	IMPACT FREE DYNAMIC VACUUM LIFTER	DOUBLE BALL VACUUM LIFTER	SINGLE BALL VACUUM LIFTER
NOMINAL PRESSURE	PN16/25	PN16/25	PN16/25
CONNECTIONS	FLANGED	FLANGED	FLANGED
DIMENSIONS	DN50 - DN200	DN50 - DN250	DN50 - DN250
BODY MATERIAL	DUCTILE IRON (GGG40,3)	DUCTILE IRON (GGG40,3)	DUCTILE IRON (GGG40,3)
WORKING TEMP. MAX.	70°C	70°C	70°C
WORKING PRESSURE MAX.	PN16/25	PN16/25	PN16/25
CONNECTION STANDART	EN 1092-2	EN 1092-2	EN 1092-2



STRAINER- Y TYPE

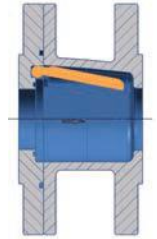


PRODUCT CODE	YPTY13D	YPTY13F	YPTY25F	YPTY36F	TPTY66F
NOMINAL PRESSURE	PN16	PN16	PN25	PN40	PN40
CONNECTIONS	THREADED	FLANGED	FLANGED	FLANGED	FLANGED
DIMENSIONS	1/2" - 2"	DN15-350	DN15-300	DN15-300	DN15-300
BODY MATERIAL	GG25	GG25	GGG40.3	GS-C25	SS 304/316
FILTER MATERIAL	STAINLESS STEEL	STAINLESS STEEL	STAINLESS STEEL	STAINLESS STEEL	SS 304/316
WORKING TEMP. MAX.	300°C (10 BAR)	300°C (10 BAR)	350°C (14 BAR)	400°C (21 BAR)	400°C (21 BAR)
WORKING PRESSURE MAX.	16 BAR	16 BAR	25 BAR	40 BAR	40 BAR
CONNECTION STANDART	DIN 2999	DIN 2533	DIN 2534	DIN 2535	DIN 2535
FACE TO FACE SIZE	DIN 3202 - M3	DIN 3202 - F1	DIN 3202 - F1	DIN 3202 - F1	DIN 3202 - F1

SWING CHECK VALVE-FLANGED



PRODUCT CODE	
NOMINAL PRESSURE	PN16
CONNECTIONS	FLANGED
DIMENSIONS	DN15-300
BODY MATERIAL	GG25
WORKING TEMP. MAX.	90°C
WORKING PRESSURE MAX.	16 BAR
FACE TO FACE SIZE	DIN 2533



DUAL CHECK VALVE



PRODUCT CODE	ZCJN13W	ZCJF13W
NOMINAL PRESSURE	PN16	PN16
CONNECTIONS	WAFER	WAFER
DIMENSIONS	DN50-350	DN40-350
BODY MATERIAL	GG25	GG25
KLAPE	GGG40.3	SS 316
WORKING TEMP. MAX.	110 °C	110 °C
WORKING PRESSURE MAX.	16 BAR	16 BAR
FACE TO FACE SIZE	DIN 3202 - K4	DIN 3202 - K4



DISC CHECK VALVE

PRODUCT CODE	YCVE93W	TCVE13W
NOMINAL PRESSURE	PN16	PN16
CONNECTIONS	WAFER	WAFER
DIMENSIONS	DN15-100	DN125-200
BODY MATERIAL	MS58	GG25
WORKING TEMP. MAX.	250 °C	250 °C
WORKING PRESSURE MAX.	16 BAR	16 BAR
FACE TO FACE SIZE	DIN 3202 - K4	DIN 3202 - K4

CHECK VALVE LIFT TYPE



PRODUCT CODE	TCVA13D	TCVA13F	TCVA25F	TCVA36F
NOMINAL PRESSURE	PN16	PN16	PN25	PN40
CONNECTIONS	THREADED	FLANGED	FLANGED	FLANGED
DIMENSIONS	1/2" - 2"	DN15-300	DN15-300	DN15-300
BODY MATERIAL	GG25	GG25	GGG40.3	GS-C25
WORKING TEMP. MAX.	300°C (10 BAR)	300°C (10 BAR)	350°C (14 BAR)	400°C (21 BAR)
WORKING PRESSURE MAX.	16 BAR	16 BAR	25 BAR	40 BAR
CONNECTION STANDART	DIN 2999	DIN 2533	DIN 2534	DIN 2535
FACE TO FACE SIZE	DIN 3202 - M9	DIN 3202-F1	DIN 3202-F1	DIN 3202-F1

STOP CHECK VALVE (SDNR)



PRODUCT CODE	TCVA13D	TCVA13F	TCVA25F
NOMINAL PRESSURE	PN16	PN25	PN40
CONNECTIONS	FLANGED	FLANGED	FLANGED
DIMENSIONS	DN15-300	DN15-300	DN15-300
BODY MATERIAL	GREY IRON (GG25 EN GJL-250)	DUCTILE IRON (GGG40 EN GJS-400)	STEEL (GS-C25)
WORKING TEMP. MAX.	300°C (10 BAR)	350°C (14 BAR)	400°C (21 BAR)
WORKING PRESSURE MAX.	16 BAR	25 BAR	40 BAR
CONNECTION STANDART	DIN 2533	DIN 2534	DIN 2535
FACE TO FACE SIZE	DIN 3202-F1	DIN 3202-F1	DIN 3202-F1

AXIAL TYPE - LATERAL TYPE EXPANSION JOINTS

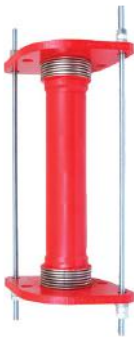


PRODUCT CODE	YJEB73R1	YJEB73R5	YJEC73R5
EXPANSION	30 mm		60 mm
LAYNER	Without	Without	Without
CONNECTIONS	ROTATING FLANGED / FIXED FLANGED / BUTT WELDED		
DIMENSIONS	DN25-250		DN50-250
BELLOWS MATERIAL	AISI 321, STAINLESS STEEL (Optionel; AISI304/316L/316TI)		
INNER SLEEVE MATERIAL	AISI 321, STAINLESS STEEL (Optionel; AISI304/316L/316TI)		
FLANGE MATERIAL	St 37.2 CARBON STEEL (Optionel; AISI 304/316)		
NOMINAL PRESSURE	PN16 (Optionel; PN25 - PN64)		
TEMPERATURE	-80/+427 °C (Optionel; -80/+1100 °C)		



EXTERNAL PRESSURIZED EXPANSION JOINTS

PRODUCT CODE	YJKB73S1	YJKC73S1	YJKD73S1	YJKE73S1
CONNECTIONS	FLANGED / BUTT WELDED			
EXPANSION	30 mm	60 mm	90 mm	120 mm
DIMENSIONS	DN25-250			
BELLOWS MATERIAL	AISI 321, STAINLESS STEEL (Optionel; AISI304/316L/316TI)			
BODY MATERIAL	St 37.2 CARBON STEEL (Optionel; AISI 304/316)			
FLANGE MATERIAL	St 37.2 CARBON STEEL (Optionel; AISI 304/316)			
NOMINAL PRESSURE	PN16 (Optionel; PN25 - PN64)			
TEMPERATURE	-80/+427 °C (Optionel; -80/+1100 °C)			



UNIVERSAL TYPE JOINTS WITH TIE RODS

PRODUCT CODE	YJMK73S1	YJML73S1	YJMM73S1	YJMN73S1
LATERAL MOVEMENT	-25/+25 mm	-50/+50 mm	-75/+75 mm	-100/+100 mm
TOTAL AXIAL MOVEMENT	DN25-DN50 : 30 mm / DN65-300 : 60 mm			
BELLOWS MATERIAL	AISI 321, STAINLESS STEEL (Optionel; AISI304/316L/316TI)			
BODY MATERIAL	St. 37.2 CARBON STEEL (Optionel; AISI 304/316)			
CONNECTIONS	FLANGED / BUTT WELDED			
DIMENSIONS	DN25-250			
NOMINAL PRESSURE	PN16 (Optionel; PN25-.... PN64)			
TEMPERATURE	-80/+427 °C (Optionel; -80/+1100 °C)			



GIMBAL TYPE EXPANSION JOINTS

PRODUCT CODE	YJNP73S1	YJNR73S1	YJNS73S1	YJNT73S1
EKSENEL HAREKET (X,Y,Z)	100,100,100 mm (-/+) 50,50,50 mm	100,200,200 mm (-/+) 50,100,100 mm	100,300,300 mm (-/+) 50,150,150 mm	100,400,400 mm (-/+) 50,200,200 mm
BELLOWS MATERIAL	AISI 321, STAINLESS STEEL (Optionel; AISI304/316L/316TI)			
BODY MATERIAL	St. 37.2 CARBON STEEL (Optionel; AISI 304/316)			
CONNECTIONS	FLANGED / BUTT WELDED			
DIMENSIONS	DN25-250			
NOMINAL PRESSURE	PN16 (Optionel; PN25-.... PN64)			
TEMPERATURE	-80/+427 °C (Opsiyonel; -80/+1100 °C)			



VIBRATION ABSORBERS WITH TIE -ROD

PRODUCT CODE	
EXPANSION	30 (-20/+10) mm
CONNECTIONS	FLANGED
DIMENSIONS	DN25-250
BELLOWS MATERIAL	AISI 321, STAINLESS STEEL (Optionel; AISI304/316L/316TI)
FLANCHED MATERIAL	St. 37.2 CARBON STEEL (Optionel; AISI 304/316)
NOMINAL PRESSURE	PN16 (Opsiyonel; PN25-.... PN64)
TEMPERATURE	-80/+427 °C (Opsiyonel; -80/+1100 °C)
CONNECTION STANDART	DIN 2533
FACE TO FACE SIZE	DIN 3202 - F4



EXPANSION JOINTS (FLEXIBLE RUBBER)

PRODUCT CODE	YJCBK3R	YJCCK3R
CONNECTIONS	FLANGED	FLANGED
DIMENSIONS	DN25-300	DN25-500
BELLOWS MATERIAL	EPDM / NBR	EPDM / NBR
FLANGED MATERIAL	DUCTILE IRON (GGG40.3)	STEEL
WORKING PRESSURE MAX.	10 BAR	10 BAR
WORKING TEMP. MAX.	90 °C	90 °C
CONNECTION STANDART	DIN 2533	DIN 2533



EXPANSION JOINTS (FLEXIBLE RUBBER) THREADED

PRODUCT CODE	
CONNECTIONS	THREADED
DIMENSIONS	3/4" - 3"
BELLOWS MATERIAL	NEOPREN
FLANGED MATERIAL	GG25
WORKING PRESSURE MAX.	10 BAR
WORKING TEMP. MAX.	90 °C
CONNECTION STANDART	EN ISO 228-1



MAGNETIC TYPE LEVEL GAUGE

PRODUCT CODE		
TYPE	BOILER TYPE	STANDART TYPE
LENGHT	310 - 990 mm	300 - 2.000 mm
BODY MATERIAL	STAINLESS STEEL	STAINLESS STEEL
FLOAT BALL MATERIAL	STAINLESS STEEL	STAINLESS STEEL
WORKING PRESSURE MAX.	16 BAR	16 BAR
WORKING TEMP. MAX.	400 °C	200 °C
CONNECTIONS	FLANGED DN20 (OPS. DN15/25)	FLANGED DN20 (OPS. DN15/25)
CONNECTION STANDART	DIN 2533	DIN 2533

* It is possible to get the contact from the desired point by using the intuition element and control panel.



MAGNETIC TYPE LEVEL GAUGE- PROPORTIONAL BAR

PRODUCT CODE	
LENGHT	300 - 2.000 mm
ANALOG OUTPUT	0-10 V / 4-20 mA
BODY MATERIAL	STAINLESS STEEL
FLOAT BALL MATERIAL	STAINLESS STEEL
WORKING PRESSURE MAX.	16 BAR
WORKING TEMP. MAX.	200 °C
CONNECTIONS	FLANGED DN20 (OPS. DN15/25)
CONNECTION STANDART	DIN 2533

* It is possible to get the contact from the desired poing by using the intuition element and control panel.

* Without using the digital panel; Direct 0-10 V / 4-20mA the level information can be transferred to the automation system by taking analog output, so it can be controlled via on / off controls and level-driven automation system.

* With using the digital panel; 0-10 V / 4-20 mA The signal can be received and the level can be monitored on the panio. With 2 relay outputs, it is possible to receive alarms from 4 different points or contacts for start-stop operations.

* RS 485 MODBUS RTU communication available



LEVEL SENSOR

PRODUCT CODE			
INSTALLATION POSITION	Vertical	CABLE	5x0,75 mm 2 Silicone isolation
PROSES CONNECTIONSSI	G 1"	CABLE INPUT	3 PIECES Pg 11 Chrome Brass
OPERATING PRESSURE	32 Barg / 238 °C	FEEDING	220-420 Vac (Std.)
CASING	ALUMINIUM CASTING	ELECTRODES AREA	6V Max.
CONNECTIONS MATERIAL	1.4571 STAINLESS STEEL	SENSITIVITY	1us/cm min. or 30us/cm min. Eligible
ELECTRODE INSULATION	PTFE	OUTPUT	Volt-free GASKETcts
ELECTRODE MATERIAL	1.4571 STAINLESS STEEL	RELATIONS	Schrack RY 2110124 or equivalent
SPACER MATERIAL	PTFE	RELAY DELAY	3 sn.
INTERMEDIARY MATERIAL	STAINLESS STEEL	ENVIRONMENTAL TEMP.	70 °C
ELECTRODE SIZE	500 - 1.000 - 1.500 mm	PROTECTION CLASS	IP 65
ELECTRODE DIAMETER	4 mm	WEIGHT	2,9 Kg (L:1.000 mm)



REFLEX TYPE LEVEL GAUGE

PRODUCT CODE			
DIMENSIONS		310 - 900 mm	
BODY MATERIAL		STEEL	
GLASS MATERIAL		BOROSILICATE	
WORKING TEMP. MAX.		250 °C	
WORKING PRESSURE MAX.		16 BAR	
CONNECTIONS		DN20 FLANGED	
CONNECTION STANDART		DIN 2533	



LEVEL GAUGE- HS-6

PRODUCT CODE			
FLOAT BALL		STAINLESS STEEL	
FLANGE		STEEL (St. 37)	
NOMINAL PRESSURE		PN10	
WORKING PRESSURE MAX.		160 °C	



SIGHT GLASS

PRODUCT CODE	YAGC13D	YAGC13F	TAGC13F
WORKING TEMP. MAX.	150 °C	150 °C	250 °C
NOMINAL PRESSURE	PN16	PN16	PN16
CONNECTIONS	THREADED	FLANGED	FLANGED
DIMENSIONS	1/2" - 2"	DN15-150	DN15-25
BODY MATERIAL	GREY IRON (GG25)	GREY IRON / DUCTILE IRON / STAINLESS STEEL	GREY IRON (GG25)
GLASS BODY MATERIAL	SEKURIT GLASS	SEKURIT GLASS	BOROSILICATE
CONNECTION STANDART	DIN 2999	DIN 2533	DIN 2533
FACE TO FACE SIZE	DIN 3202	DIN 3202-F1	DIN 3202-F1



STEAM TRAP - INVERTED BUCKED TYPE

PRODUCT CODE	TSTK13D	TSTL13D	TSTL13F
NOMINAL PRESSURE	PN16	PN16	PN16
TYPE	BOTTOM INLET - TOP OUTLET	SIDE INLET - SIDE OUTLET	SIDE INLET - SIDE OUTLET
CONNECTIONS	THREADED	THREADED	FLANGED
DIMENSIONS	1/2" - 2"	1/2" - 1"	DN15-50
BODY MATERIAL	GREY IRON (GG25)	GREY IRON (GG25)	GREY IRON (GG25)
WORKING TEMP. MAX.	225 °C (10 BAR)	225 °C (10 BAR)	225 °C (10 BAR)
WORKING PRESSURE MAX.	16 BAR	16 BAR	16 BAR
CONNECTION STANDART	DIN ISO 228-1	DIN ISO 228-1	DIN 2533



STEAM TRAP - TERMO & RIFOX

PRODUCT CODE	TSTR23D	TSTR23F
NOMINAL PRESSURE	PN16	PN16
CONNECTIONS	THREADED	FLANGED
DIMENSIONS	1/2" - 1"	DN15-50
BODY MATERIAL	DUCTILE IRON (GGG40.3)	DUCTILE IRON (GGG40.3)
FLOAT BALL MATERIAL	STAINLESS STEEL	STAINLESS STEEL
WORKING PRESSURE MAX.	16 BAR	16 BAR
WORKING TEMP. MAX.	350°C (11,2 BAR)	350°C (11,2 BAR)
CONNECTION STANDART	EN ISO 228-1	DIN 2533



STEAM TRAP - BALL FLOAT

PRODUCT CODE	TSTS23D	TSTS23F
NOMINAL PRESSURE	PN16	PN16
CONNECTIONS	THREADED	FLANGED
DIMENSIONS	1/2" - 1"	DN15-50
BODY MATERIAL	DUCTILE IRON (GGG40.3)	DUCTILE IRON (GGG40.3)
FLOAT BALL MATERIAL	STAINLESS STEEL	STAINLESS STEEL
WORKING PRESSURE MAX.	16 BAR	16 BAR
WORKING TEMP. MAX.	250 °C	250 °C
CONNECTION STANDART	EN ISO 228-1	DIN 2533



STEAM TRAP - THERMODYNAMIC

PRODUCT CODE	TSTT46D	TSTT46F
NOMINAL PRESSURE	PN40	PN40
CONNECTIONS	THREADED	FLANGED
DIMENSIONS	1/2" - 1"	DN15-25
BODY MATERIAL	FORGED STEEL (C22.8)	FORGED STEEL (C22.8)
WORKING TEMP. MAX.	400°C	400°C (C22.8)
WORKING PRESSURE MAX.	40 BAR	40 BAR
CONNECTION STANDART	EN ISO 228-1	DIN 2533



STEAM TRAP - THERMOSTATIC

PRODUCT CODE	TSTC46D/F	ZSRB46D/F
TYPE	THERMOSTATIC	BI-METALIC
NOMINAL PRESSURE	PN40	PN40
CONNECTIONS	THREADED / FLANGED	THREADED / FLANGED
DIMENSIONS	1/2" - 1" / DN15-50	1/2" - 1" / DN15-50
BODY MATERIAL	FORGED STEEL (C22.8)	FORGED STEEL (C22.8)
WORKING TEMP. MAX.	400 °C (24 BAR)	350 °C (24 BAR)
WORKING PRESSURE MAX.	40 BAR	40 BAR
CONNECTION STANDART	EN ISO 228-1 / EN 1092-1	EN ISO 228-1 / EN 1092-1



LIQUID DRAINER

PRODUCT CODE		
NOMINAL PRESSURE	PN16	PN16
CONNECTIONS	THREADED	FLANGED
DIMENSIONS	1/2" - 1"	DN15-25
BODY MATERIAL	STAINLESS STEEL	STAINLESS STEEL
WORKING TEMP. MAX.	250 °C	250 °C
WORKING PRESSURE MAX.	45 BAR	45 BAR
CONNECTION STANDART	EN ISO 228-1	DIN 2533



LIQUID DRAINER

PRODUCT CODE		
NOMINAL PRESSURE	PN16	PN16
CONNECTIONS	THREADED	FLANGED
DIMENSIONS	1/2" - 1"	DN15-25
BODY MATERIAL	DUCTILE IRON (GGG40.3)	DUCTILE IRON (GGG40.3)
WORKING PRESSURE MAX.	16 BAR	16 BAR
WORKING TEMP. MAX.	250 °C	250 °C
CONNECTION STANDART	EN ISO 228-1	DIN 2533



LIQUID DRAINER

PRODUCT CODE		
NOMINAL PRESSURE	PN16	PN16
CONNECTIONS	THREADED	FLANGED
DIMENSIONS	1/2" - 1"	DN15-25
BODY MATERIAL	DUCTILE IRON (GGG40.3)	DUCTILE IRON (GGG40.3)
WORKING PRESSURE MAX.	250 °C	250 °C
WORKING TEMP. MAX.	16 BAR	16 BAR
CONNECTION STANDART	EN ISO 228-1	DIN 2533



VACUUM BREAKER

PRODUCT CODE		
NOMINAL PRESSURE	PN25	PN16
CONNECTIONS	THREADED	THREADED
DIMENSIONS	1/2"	1/2"
BODY MATERIAL	STAINLESS STEEL	MS58
WORKING TEMP. MAX.	400 °C	260 °C
WORKING PRESSURE MAX.	25 BAR	16 BAR
CONNECTION STANDART	EN ISO 228-1	EN ISO 228-1



STEAM SEPERATOR

PRODUCT CODE		
BODY MATERIAL	STEEL (St. 37.2)	STAINLESS STEEL
NOMINAL PRESSURE	PN16	PN16
CONNECTIONS	FLANGED / BUTT WELDED	FLANGED / BUTT WELDED
DIMENSIONS	DN15-200 / 1/2" - 2"	DN15-200 / 1/2" - 2"
WORKING TEMP. MAX.	300 °C (10 BAR)	300 °C (10 BAR)
WORKING PRESSURE MAX.	13 BAR	13 BAR
CONNECTION STANDART	DIN 2533	DIN 2533



CONDENSATE PUMP

PRODUCT CODE	ZSR03F
NOMINAL PRESSURE	PN16
CONNECTIONS	FLANGED
DIMENSIONS	DN25-80
BODY MATERIAL	STEEL (St. 37.2)
WORKING TEMP. MAX.	250 °C (13 BAR)
WORKING PRESSURE MAX..	16 BAR
CONNECTION STANDART	DIN EN 1092-1
* WORKS WITH STEAM OR AIR PRESSURE	



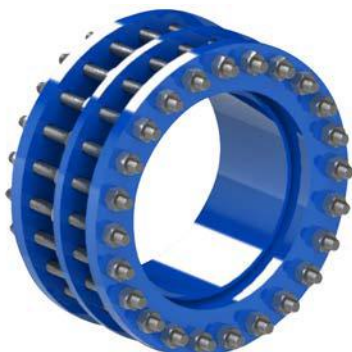
CHECK VALVE - DIN / ANSI

PRODUCT CODE	CVFF4W
NOMINAL PRESSURE	PN16
CONNECTIONS	ANSI/DIN
DIMENSIONS	DN50-600
BODY MATERIAL	Rg5 / Rg10 / CuSn10 / Al-Bronze
CONNECTION STANDART	DIN EN 558-1 SERIE 20



DISMANTLING JOINT - DIN / ANSI

PRODUCT CODE	
NOMINAL PRESSURE	CLASS 125/150
CONNECTIONS	FLANGED
DIMENSIONS	DN50-2600
BODY MATERIAL	ASTM A 36 STEEL / GGG40.3
CONNECTION STANDART	EN1092 /AWWA C207/ ANSI B16.1



DISMANTLING JOINT - DIN / ANSI

PRODUCT CODE	
NOMINAL PRESSURE	CLASS 125/150
CONNECTIONS	FLANGED
DIMENSIONS	DN50-2600
BODY MATERIAL	ASTM A 36 STEEL / GGG40.3
CONNECTION STANDART	EN1092 /AWWA C207/ ANSI B16.1



PRESSURE REDUCING VALVE - FLANGED

PRODUCT CODE	TBDA23F1	TBDA23F2	TBDA23F3	TBDA23F4
OUTPUT PRESSURE	0,2 - 1,2 BAR	0,8 - 2,5 BAR	2 - 5 BAR	4,5 - 10 BAR
CONNECTIONS	FLANGED	FLANGED	FLANGED	FLANGED
DIMENSIONS	DN15-100	DN15-100	DN15-100	DN15-100
BODY MATERIAL	DUCTILE IRON (GGG40.3)	DUCTILE IRON (GGG40.3)	DUCTILE IRON (GGG40.3)	DUCTILE IRON (GGG40.3)
WORKING TEMP. MAX.	250 °C	250 °C	250 °C	250 °C
WORKING PRESSURE MAX.	16 BAR	16 BAR	16 BAR	16 BAR
CONNECTION STANDART	DIN 2533	DIN 2533	DIN 2533	DIN 2533
FACE TO FACE SIZE	DIN 3202-F1	DIN 3202-F1	DIN 3202-F1	DIN 3202-F1



PRESSURE REDUCING VALVE - THREADED

PRODUCT CODE	TBDA23F1	TBDA23F2	TBDA23F3
OUTPUT PRESSURE	0,14 - 1,7 BAR	1,40 - 4,0 BAR	3,5 - 8,6 BAR
CONNECTIONS	THREADED	THREADED	THREADED
DIMENSIONS	1/2" - 3/4" - 1"	1/2" - 3/4" - 1"	1/2" - 3/4" - 1"
BODY MATERIAL	FORGED STEEL (1.0460)	STEEL (GS-C25)	STEEL (GS-C25)
WORKING TEMP. MAX.	210 °C	210 °C	210 °C
WORKING PRESSURE MAX.	17 BAR	17 BAR	17 BAR
CONNECTION STANDART	ISO 7-1 / BS21	ISO 7-1 / BS21	ISO 7-1 / BS21



SAFETY VALVE - SPRING LOADED

PRODUCT CODE	TVEB13F	TEVC13F
NOMINAL PRESSURE	PN16	PN16
TYPE	FULL LIFT	PROPORTIONAL
CONNECTIONS	FLANGED	FLANGED
DIMENSIONS	DN25-100	DN25-100
BODY MATERIAL	DUCTILE IRON (GGG40.3)	DUCTILE IRON (GGG40.3)
WORKING TEMP. MAX.	225 °C (10 BAR)	225 °C (10 BAR)
WORKING PRESSURE MAX.	16 BAR	16 BAR
CONNECTION STANDART	DIN 2533	DIN 2533
FACE TO FACE SIZE	DIN 3202-F32	DIN 3202-F32



SAFETY VALVE - WEIGHT LOADED

PRODUCT CODE	TVGA13D	TVGA13F
NOMINAL PRESSURE	PN16	PN16
TYPE	FULL LIFT	PROPORTIONAL
CONNECTIONS	FLANGED	FLANGED
DIMENSIONS	DN25-100	DN25-100
BODY MATERIAL	DUCTILE IRON (GGG40.3)	DUCTILE IRON (GGG40.3)
WORKING TEMP. MAX.	225 °C (10 BAR)	225 °C (10 BAR)
WORKING PRESSURE MAX.	16 BAR	16 BAR
CONNECTION STANDART	DIN 2533	DIN 2533
FACE TO FACE SIZE	DIN 3202-F32	DIN 3202-F32

LESER SAFETY VALVE - FULL LIFT



PRODUCT CODE	4421	4411	4422	4412
NOMINAL PRESSURE	PN16	PN16	PN40	PN40
TYPE	OPEN COVER	CLOSED COVER	OPEN COVER	CLOSED COVER
CONNECTIONS	FLANGED	FLANGED	FLANGED	FLANGED
DIMENSIONS	DN20-150	DN20-150	DN20-200	DN20-200
BODY MATERIAL	GREY IRON (GG25)	GREY IRON (GG25)	STEEL (WCB)	STEEL (WCB)
WORKING TEMP. MAX.	300 °C (10 BAR)	300 °C (10 BAR)	400 °C (21 BAR)	400 °C (21 BAR)
WORKING PRESSURE MAX.	16 BAR	16 BAR	40 BAR	40 BAR
CONNECTION STANDART	DIN 2533	DIN 2533	DIN 2535	DIN 2535
FACE TO FACE SIZE	DIN 3202-F32	DIN 3202-F32	DIN 3202-F32	DIN 3202-F32

LESER SAFETY VALVE - PROPORTIONAL



PRODUCT CODE	4331	4332
NOMINAL PRESSURE	PN16	PN40
TYPE	CLOSED COVER	CLOSED COVER
CONNECTIONS	FLANGED	FLANGED
DIMENSIONS	DN15-100	DN15-150
BODY MATERIAL	DUCTILE IRON (GGG40.3) / STAINLESS STEEL 430	DUCTILE IRON (GGG40.3) / STAINLESS STEEL 430
WORKING TEMP. MAX.	300 °C (10 BAR)	400 °C (21 BAR)
WORKING PRESSURE MAX.	16 BAR	40 BAR
CONNECTION STANDART	DIN 2533	DIN 2535
FACE TO FACE SIZE	DIN 3202-F32	DIN 3202-F32

SAFETY VALVE - FULL - THREADED



PRODUCT CODE	4593.2502 (d0:9mm)	4593.2512 (d0:13mm)	4593.2522 (d0:17,5mm)
NOMINAL PRESSURE	PN400	PN250	PN160
TYPE	CLOSED COVER	CLOSED COVER	CLOSED COVER
CONNECTIONS	THREADED / FLANGED (OPS.)	THREADED / FLANGED (OPS.)	THREADED / FLANGED (OPS.)
DIMENSIONS	1/2" - 1"	1/2" - 1"	3/4" - 1 1/2"
BODY MATERIAL	1.4104(430) -1.0619	1.4104(430) -1.0619	1.4104(430) -1.0619
WORKING TEMP. MAX.	300 °C	300 °C	300 °C
MAX. SET PRESSURE	250 BAR	200 BAR	100 BAR
CONNECTION STANDART	DIN ISO 228-1 / ASME B1.20.1	DIN ISO 228-1 / ASME B1.20.1	DIN ISO 228-1 / ASME B1.20.1
FACE TO FACE SIZE	DIN 3202-F32	DIN 3202-F32	DIN 3202-F32

LESER SAFETY VALVE - PROPORTIONAL - THREADED



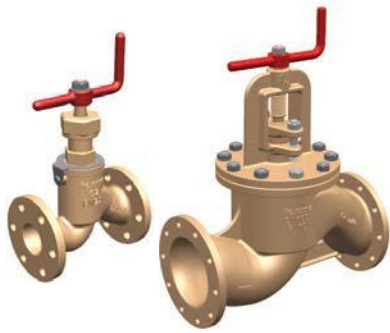
PRODUCT CODE	4373	4373H	4374	4374H
NOMINAL PRESSURE	PN250	PN400	PN250	PN400
TYPE	KAPALI KAPAK	KAPALI KAPAK	KAPALI KAPAK	KAPALI KAPAK
CONNECTIONS	THREADED / FLANGED (OPS)	THREADED / FLANGED (OPS)	THREADED / FLANGED (OPS)	THREADED / FLANGED (OPS)
DIMENSIONS	1/2" - 1"	1/2" - 1"	1/2" - 1"	1/2" - 1"
BODY MATERIAL	1.4104 (430F)	1.4104 (430F)	1.4404 (316L)	1.4404 (316L)
WORKING TEMP. MAX..	220 °C	220 °C	280 °C	280 °C
MAX. SET PRESSURE	93 BAR	365 BAR	68 BAR	330 BAR
CONNECTION STANDART	DIN ISO 228-1	DIN ISO 228-1	DIN ISO 228-1	DIN ISO 228-1
FACE TO FACE SIZE	DIN 3202-F32	DIN 3202-F32	DIN 3202-F32	DIN 3202-F32

LESER CLEAN SERVIS, CRITICAL SERVIS



LESER API, CHANGEOVER, PILOT OPERATED, RUPTURE DISC





GLOBE VALVE / SDNR

PRODUCT CODE	TVGA82G	TVGA82G
NOMINAL PRESSURE	PN10	PN10
CONNECTIONS	FLANGED	FLANGED
DIMENSIONS	DN15-32	DN40-200
BODY MATERIAL	Rg5/Rg10/CuSn10	Rg5/Rg10/CuSn10
CONNECTION STANDART	VG 85011-3	VG 85011-3
FACE TO FACE SIZE	VG 85033-1 Form B VG 85033-1 Form D	VG 85033-2 Form B VG 85033-2 Form D
Option: DIN NORM		



ANGLE TYPE GLOBE VALVE / SDNR

PRODUCT CODE	TVGB82G	TVGB82G
NOMINAL PRESSURE	PN10	PN10
CONNECTIONS	FLANGED	FLANGED
DIMENSIONS	DN15-32	DN40-350
BODY MATERIAL	Rg5/Rg10/CuSn10	Rg5/Rg10/CuSn10
CONNECTION STANDART	VG 85011-3	VG 85011-3
FACE TO FACE SIZE	VG 85034-2 Form B VG 85034-2 Form D	VG 85034-2 Form B VG 85034-2 Form D
Option: DIN NORM		



GLOBE VALVE

PRODUCT CODE	TVGC82F
NOMINAL PRESSURE	PN10
CONNECTIONS	FLANGED
DIMENSIONS	DN32-125
BODY MATERIAL	Rg5/Rg10/CuSn10
CONNECTION STANDART	DIN 86257
FACE TO FACE SIZE	DIN 86257



AIR RELEASE VALVE (ARV)

PRODUCT CODE	TZHAF10150
NOMINAL PRESSURE	PN10 / PN16, CLASS125,CLASS150
CONNECTIONS	FLANGED
DIMENSIONS	DN150
BODY MATERIAL	Rg5 / Rg10 / CuSn10 / Al-Bronze
DESIGN CODE	AWWA C512



COMBINATION AIR RELEASE VALVE (CAV)

PN10 / PN16, CLASS125,CLASS150	TZHB10150
FLANGED	PN10 / PN16, CLASS125,CLASS150
DN150	FLANGED
Rg5 / Rg10 / CuSn10 / Al-Bronze	DN150
AWWA C512	Rg5 / Rg10 / CuSn10 / Al-Bronze
DESIGN CODE	AWWA C512



BUTTERFLY VALVE - VG

PRODUCT CODE	TKVG82M	TKVC82M
NOMINAL PRESSURE	PN10	PN10
CONNECTIONS	WAFER	FLANGED
DIMENSIONS	DN40-200	DN40-200
BODY MATERIAL	Rg5/Rg10/CuSn10	Rg5/Rg10/CuSn10
GASKET MATERIAL	EPDM / NBR / VITON	EPDM / NBR / VITON
CONNECTION STANDART	VG 85011-3	VG 85011-3
FACE TO FACE SIZE	VG 85053	VG 85054



BUTTERFLY VALVE - DIN

PRODUCT CODE	TKVB83M
NOMINAL PRESSURE	PN16
CONNECTIONS	FLANGED
DIMENSIONS	DN40-300
BODY MATERIAL	Rg5/Rg10/CuSn10
GASKET MATERIAL	EPDM / NBR / VITON
CONNECTION STANDART	DIN EN 1092
FACE TO FACE SIZE	DIN 3202-K1



BUTTERFLY VALVE DOUBLE FLANGED - DIN / ANSI

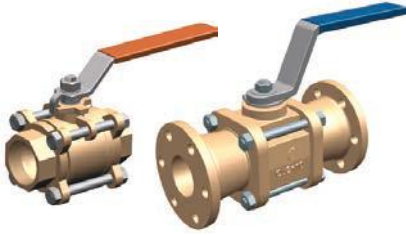
PRODUCT CODE	TKDAF1U	TKDAF4U	TKDAF2U	TKDAF3U
NOMINAL PRESSURE	CLASS 125	CLASS 150	PN10	PN16
CONNECTIONS	FLANGED			
DIMENSIONS	DN50-3000			
BODY MATERIAL	Rg5 / Rg10 / CuSn10 / Al-Bronze			
GASKET MATERIAL	EPDM / NBR / VITON			
DESIGN CODE	ANSI / AWWA C504/ EN 593			
CONNECTION STANDART	EN 558 BASIC SERIE 13 / 14			



BUTTERFLY VALVE DOUBLE FLANGED - DIN / ANSI

PRODUCT CODE	KVZ81U	KVZ84U	KVZ82U	KVZ83U
NOMINAL PRESSURE	CLASS 125	CLASS 150	PN10	PN16
CONNECTIONS	FLANGED			
DIMENSIONS	DN50-200			
BODY MATERIAL	Rg5 / Rg10 / CuSn10 / Al-Bronze			
GASKET MATERIAL	EPDM / NBR / VITON			
DESIGN CODE	ANSI / AWWA C504/ EN 593			
CONNECTION STANDART	DOUBLE FLANGE TYPE SERIE 14			

BALL VALVE



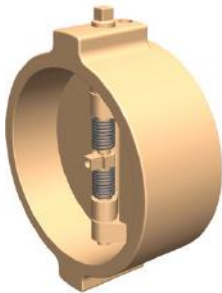
PRODUCT CODE	TBVE82G	TBVE82D
NOMINAL PRESSURE	PN16	PN16
CONNECTIONS	FLANGED	THREADED
DIMENSIONS	DN15-100	1/2" - 2"
MALZEME	Rg5/Rg10/CuSn10	Rg5/Rg10/CuSn10
CONNECTION STANDART	VG 85011-3	DIN 2999
FACE TO FACE SIZE	DIN 3202-F1	DIN 3202-M3
Option: NORMA DIN		

FIRE VALVES



PRODUCT CODE	TYVC82G	TYVD82G
NOMINAL PRESSURE	PN10	PN10
CONNECTIONS	FLANGED / TYPE	FLANGED / TYPE
DIMENSIONS	DN50-65	DN50-65
MALZEME	Rg5/Rg10/CuSn10	Rg5/Rg10/CuSn10
CONNECTION STANDART	VG 85011-3	VG 85011-3
FACE TO FACE SIZE	VG 85056-1 TYPE C	VG 85056-1 TYPE D

DUAL CHECK VALVE



PRODUCT CODE	TCVF82F
NOMINAL PRESSURE	PN16
CONNECTIONS	ZwischenflanschTYPE
DIMENSIONS	DN50-150
MATERIAL	Rg5/Rg10/CuSn10
CONNECTION STANDART	VG 85011-3
FACE TO FACE SIZE	DIN 3202-K1

FLANGED CHECK VALVE



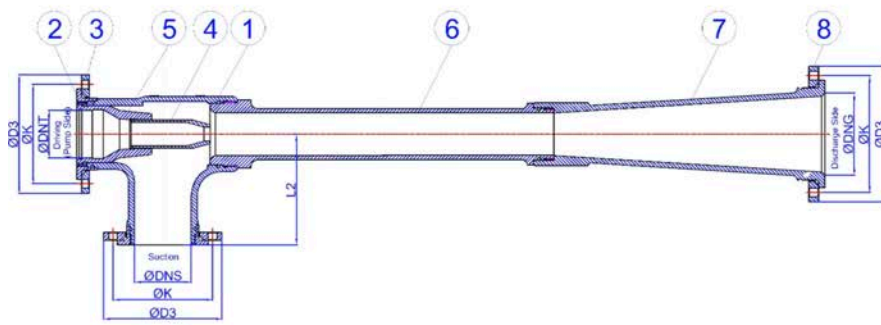
PRODUCT CODE	TCVH13F
NOMINAL PRESSURE	PN16
CONNECTIONS	FLANGED
DIMENSIONS	DN15-300
MATERIAL	Rg5/Rg10/CuSn10
CONNECTION STANDART	DIN EN 1092
FACE TO FACE SIZE	DIN 3202-K1

EJECTOR

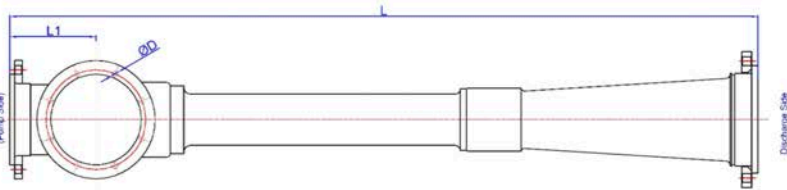


PRODUCT CODE	TEJK83G
NOMINAL PRESSURE	PN10
CONNECTIONS	FLANGED
DIMENSIONS	DN65/125/150
MATERIAL	Rg5/Rg10/CuSn10
CONNECTION STANDART	VG 85011-3
FACE TO FACE SIZE	DIN 3202-K1

TERMO EJECTOR FOR MARINE APPLICATIONS



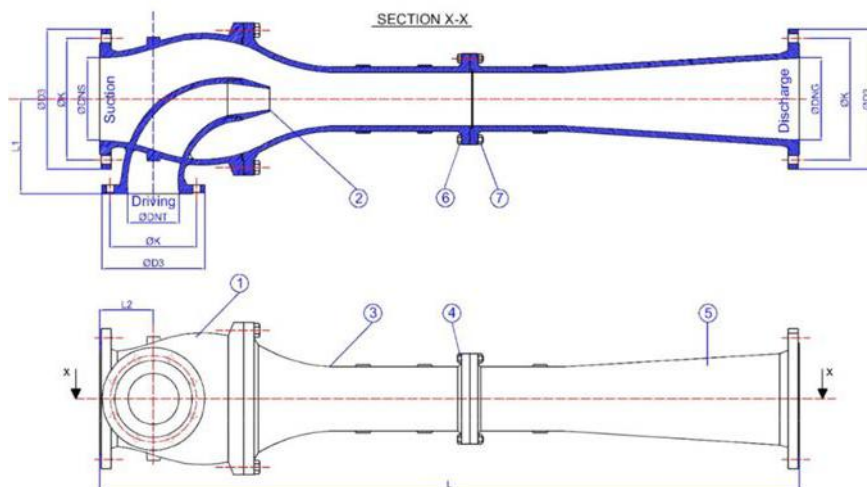
Poz No	Part Name	Material
1	T Head	CuSn10
2	Flange	CuSn10
3	Loose Flange	Bronze
4	Nozzle	CuSn10
5	Nozzle Holder	CuSn10
6	Mixing Chamber	CuSn10
7	Diffusor	CuSn10
8	Loose Flange	Bronze



INSTALLATION DIMENSIONS

DNG	Main Dimensions			Connections Dimensions			Weight
(mm)	L	L1	L2	DNS	DNT	DNG	(kg)
65	620	70	115	50	50	100	13
80	765	85	125	65	65	100	20
100	948	108	140	80	80	150	29
125	1205	140	150	100	100	150	48
150	1440	157	170	118	108	200	56
200	1835	160	180	150	150	200	85

FLANGE DIMENSIONS "mm"									
DN	PN	a	D1	D2	D3	D4	K	S	Hole No
65	10	12	70	98	140	72	116	5	8
80	10	12	80	108	150	85	126	5	8
100	10	12	100	130	172	103	148	5	10
125	10	14	125	158	200	128	176	5	10
150	10	14	150	184	226	154	202	5,5	12
175	10	14	185	212	264	188	240	6	14
200	10	14	210	237	288	213	264	6	16

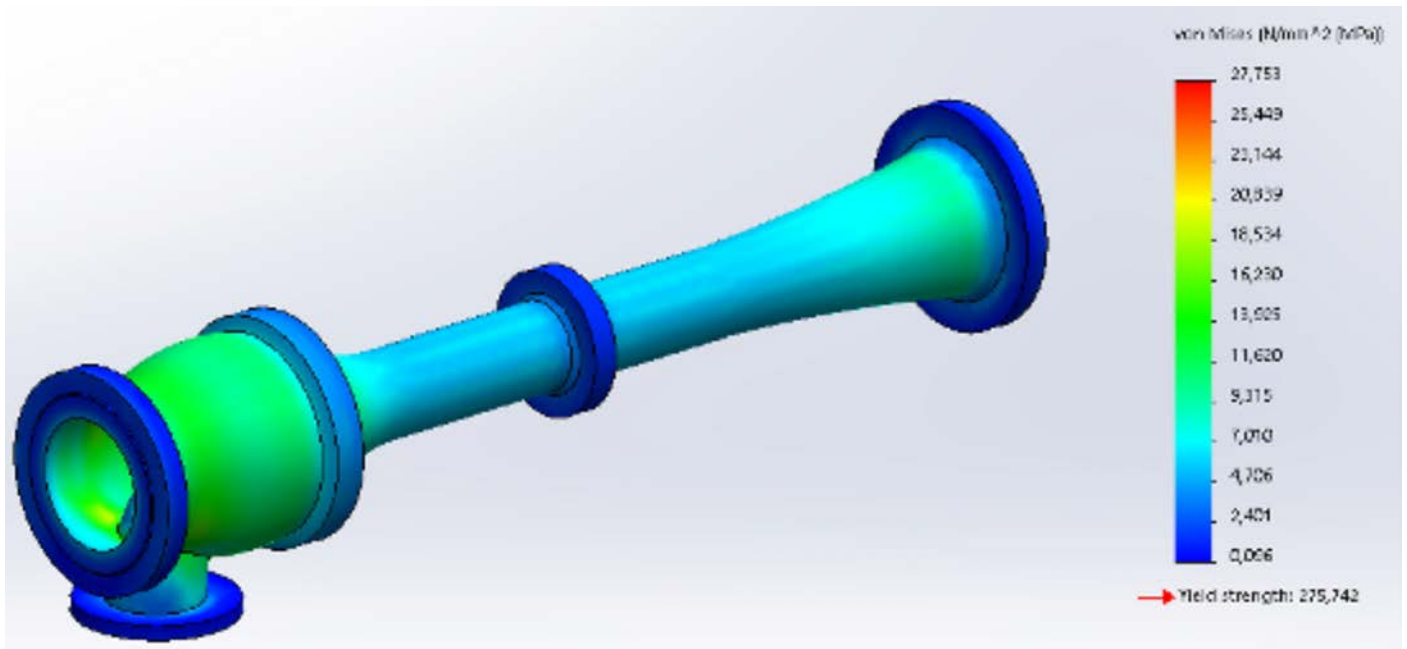


Poz No	Part Name	Material
1	House	CuSn10
2	Nozzle	CuSn10
3	Mixing Chamber	Bronze
4	Hex.Nut	CuSn10
5	Diffusor	CuSn10
6	Mixing Chamber	CuSn10
7	Diffusor	CuSn10

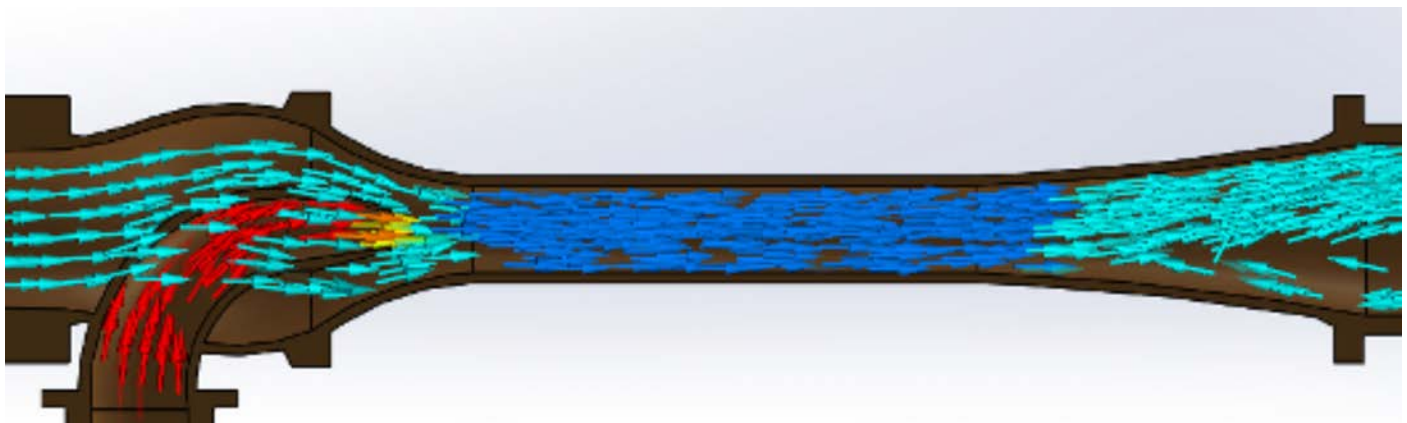
DNG	Main Dimensions			Connections Dimensions			Weight
(mm)	L	L1	L2	DNS	DNT	DNG	(kg)
200	1440	157	170	200	125	200	165
200	1835	160	180	150	125	200	135

FLANGE DIMENSIONS "mm"									
DN	PN	a	D1	D2	D3	D4	K	S	Hole No
125	10	14	125	158	200	128	176	5	10
150	10	14	150	184	226	154	202	5,5	12
200	10	14	210	237	288	213	264	6	16


TERMO EJECTOR DESIGN




FEM ANALYSIS FOR SOLID BODIES



CFD ANALYSIS FOR FLUID BODIES

 TÜRK LOYDU TYPE APPROVAL CERTIFICATE This Certificate consists of 2 pages. This is to certify that the PN 16 DNS0/DN150 EJECTOR With type designations: See Appendix I Manufactured by: GEDİK DÖKÜM VE VANA SAN. VE TİC. A.Ş. Is found to comply with Türk Loyalda Machinery Rules 2016 Section 16, Türk Loyalda Additional Rules Design Construction and Testing of Pumps. Application: The valves may be used for the following service steam, hot water, sea water, air and other neutral fluids. Design: Gedik Döküm Ve Vana San. Ve Tic. A.Ş. Sites: See Second Page. Address of Manufacturer: 2. OSN 11 No'lu Yanyol No:8/85 Ada 4. Panel Karadenizbaba Hisarlık-SAKARYA Place and date: İSTANBUL / 08.01.2018 Subject to the conditions referred to in the following pages, this certificate is valid until 25.12.2021. This certificate supersedes TO.DER.16-0927 numbered and 26.12.2016 date certificate Emrah SOĞUTÇU New Building Division Manager S. Mahir TUĞÇU Surveyor	
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 TÜRK LOYDU TEST CERTIFICATE TEST BİRDÖKÜMAN We hereby certify that the item described with the following data was tested in accordance with the rules and under supervision of Türk Loydu. Angılla testleri yapılmış maddelerin Türk Loydu tarafından uygun olarak kontrol ve test edildiğini beyat ederiz. General Data / Genel Bilgiler: Manufacturer: GEDİK DÖKÜM VE VANA SANAYİ VE TİC. A.Ş. Issuing: GEDİK DÖKÜM VE VANA SANAYİ VE TİC. A.Ş. Ordered By: GEDİK DÖKÜM VE VANA SANAYİ VE TİC. A.Ş. Place and Date of Test: İSTANBUL & 24.10.2015 Testin Yeri ve Tarihi: Technical Data and Documents / Teknik Veriler ve Dokümanlar: Technical Data: - 4 pcs. DN350 PN10 CuSn10 Angle Globe Valves. Teknik Veriler: - 4 pcs. DN350 PN10 CuSn10 Angle Globe Valves. Approval: - Item and Test Data / Maddelerin ve Test Verileri: Item and Tests: Malzeme ve Testler: Materials: Body and Disc / CuSn10 Inspection / Test: - Dimensional control according to drawing. Measurement: - Hydrostatic tests have been carried out for Body : 15 Bar & Disc : 11.1 Bar. Results: Satisfactory Remarks: - The valves must not be used at Class I and II pipe line. Additional Statements / İlave Bilgiler: Issued For: LST2 (V-2019) Karşılıklı Yür. / Customer Order No: -- Müşteri Sipariş No: -- Manufacturer Order No: KD-231015 Üretici Sipariş No: -- Stamping / Markalama: 15-1885 10 X 15 Place and Date: İSTANBUL & 17.05.2016 Surveyor of Türk Loydu: Emrah SOĞUTÇU	
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 TÜRK LOYDU TYPE APPROVAL CERTIFICATE This Certificate consists of 3 pages. This is to certify that the PN 16 DNS0/DN150 EJECTOR With type designations: See Appendix I Manufactured by: GEDİK DÖKÜM VE VANA SAN. VE TİC. A.Ş. Is found to comply with Türk Loyalda Machinery Rules 2016 Section 16, Türk Loyalda Additional Rules Design Construction and Testing of Pumps. Application: The valves may be used for the following service steam, hot water, sea water, air and other neutral fluids. Design: Gedik Döküm Ve Vana San. Ve Tic. A.Ş. Sites: See Second Page. Address of Manufacturer: 2. OSN 11 No'lu Yanyol No:8/85 Ada 4. Panel Karadenizbaba Hisarlık-SAKARYA Place and date: İSTANBUL / 26.12.2016 Subject to the conditions referred to in the following pages, this certificate is valid until 25.12.2021. Emrah SOĞUTÇU New Building Division Manager S. Mahir TUĞÇU Surveyor	
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Gedik Welding was established in 1963 and today is one of the largest manufacturers in Europe exporting welding consumables and welding machines to more than 90 countries around the world under its internationally registered trademarks GeKa, GeKaTec and GeKaMac. The company also generates robotic solutions and welding automation equipment under the brand name GeKaRobotics.



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 **Gedik Thermo Valve**

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F +90 216 307 28 68-69

Factory
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 **Gedik University**

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