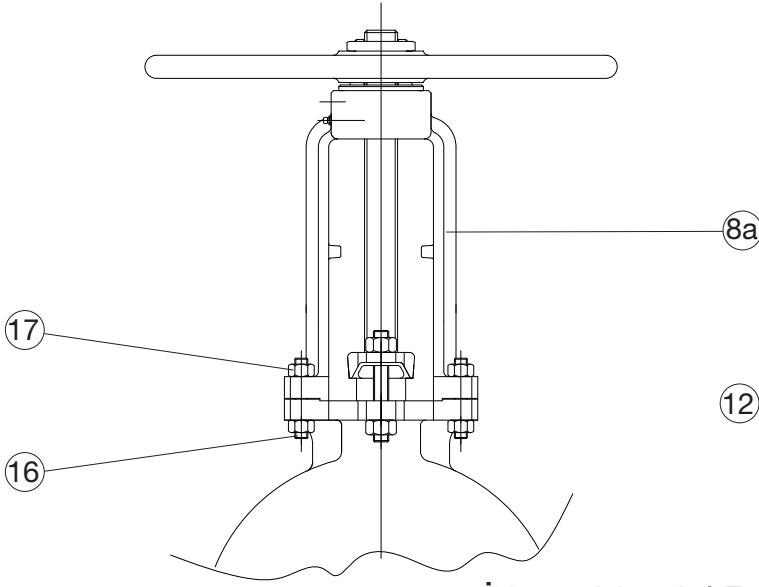




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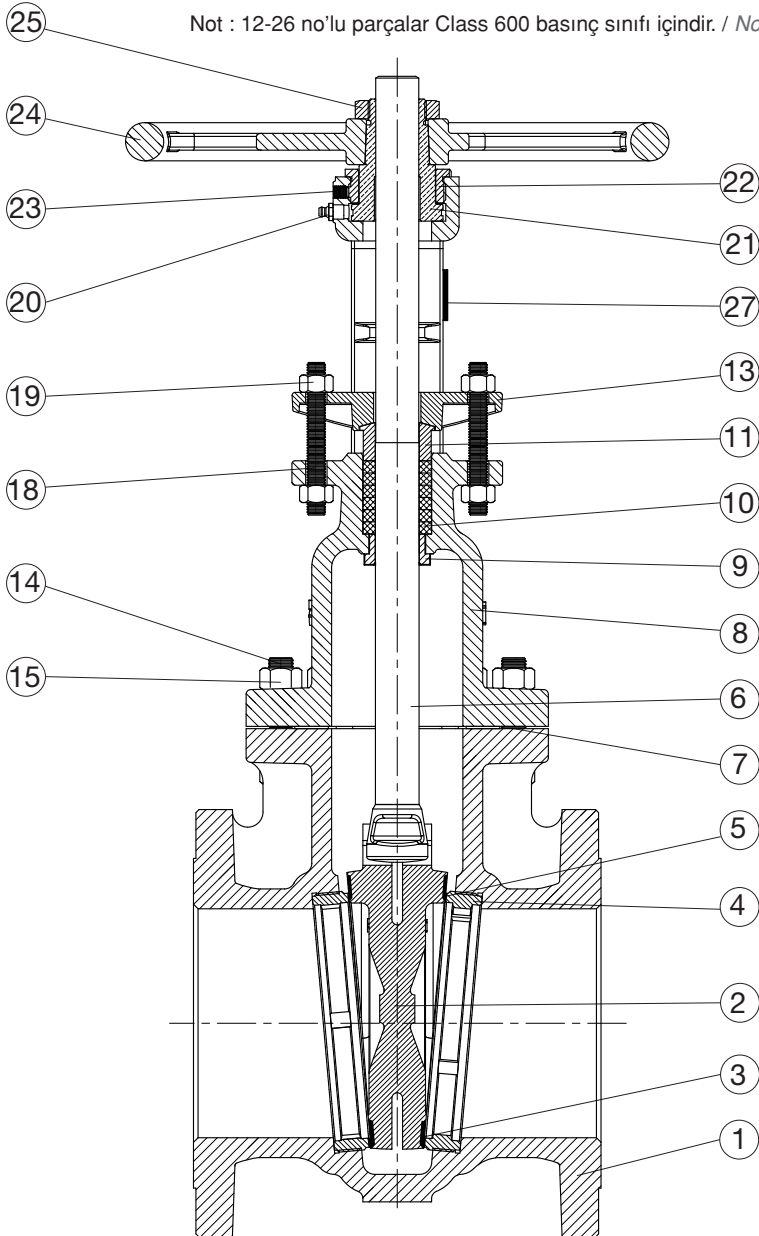


GATE VALFLER / GATE VALVES


İki parçalı kapak / Two pieces bonnet

Class 150 10" ve yukarısı için / For Class 150 10" and above
 Class 300 8" ve yukarısı için / For Class 300 8" and above
 Class 600 8" ve yukarısı için / For Class 600 8" and above

Not : 12-26 no'lu parçalar Class 600 basınç sınıfı içindir. / Note : Parts 12-26 are for the Class 600 pressure class.



Standart Malzeme Tanımlama / Standard Material Specification

Parça No Part No	Parça Adı / Part Name	Karbon Çelikleri Carbon Steel		Alaşımli Çelikler Alloy Steel		Paslanmaz Çelikler Stainless Steel	
		A216 WCB	A352 LCB	A217 WC6	A217 C5	A351 CF8	A351 CF8M
1	Gövde / Body	A216 WCB	A352 LCB	A217 WC6	A217 C5	A351 CF8	A351 CF8M
2	Sürgü / Wedge	A216 WCB(1)	A352 LCB	A217 WC6	A217 C5	A351 CF8	A351 CF8M
3	Sürgü Sit Yüzeyi / Wedge Seat Surface	(2) Trim malzeme tablosundan bakınız / See trim material table					
4	Gövde Ringi / Body Ring	2"-6"CA15, 8"ve üstü A105		A182 F11	A182 F5	A182 F304	A182 F316
		2"-6"CA15, 8"and above A105					
5	Gövde Ringi Sit Yüzeyi / Body Ring Seat Surface	(2) Trim malzeme tablosundan bakınız / See trim material table					
6	Mil / Stem	(2) Trim malzeme tablosundan bakınız / See trim material table					
7	Conta / Gasket	CORRUGATED - SWG AISI 304 or 316 + Graphite					
8	Kapak / Bonnet	A216 WCB	A352 LCB	A217 WC6	A217 C5	A351 CF8	A351 CF8M
8a	Çatal / Yoke	A216 WCB	A352 LCB	A217 WC6	A217 C5	A351 CF8	A351 CF8M
9	Geri Ring / Back Seat Ring	(2) Trim malzeme tablosundan bakınız / See trim material table					
10	Salmastra / Packing	Grafit / Graphite					
11	Glend / Gland	13 Cr				A182 F304	A182 F316
12	Lantern ringi / Lantern Ring (Class 600)	13 Cr				A182 F304	A182 F316
13	Glend flanşı / Gland Flange	A216 WCB				A351 CF8	A351 CF8M
14	Kapak Saplama / Body - Bonnet Bolts	A193 B7		A193 B16		A193 B8	
15	Kapak Saplama Somunu / Body-Bonnet Nuts	A194 2H		A194 8M		A194 8M	
16	Çatal Saplama / Bonnet-Yoke Bolts	A193 B7		A193 B16		A193 B8	
17	Çatal Saplama Somunu / Yoke Bolt Nuts	A194 2H		A194 8M		A194 8M	
18	Glend Saplama / Gland Bolts	A193 B7				A193 B8	
19	Glend Saplama Somunu / Gland Bolt Nuts	A194 2H				A194 8M	
20	Gresörlük / Grease Fitting	Steel				Stainless Steel	
21	Mil Burcu / Stem Bushing	Rg5					
22	Çatal Somunu / Yoke Nut	A536 or Steel					
23	Setiskur / Setscrew	A307 B					
24	Volan / Handwheel	A536 or Steel					
25	Volan Somunu / Handwheel Nut	A307 B					
26	Büte / Bearing (Class 600)	Çelik / Steel					
27	Etiket / Name Plate	Alüminyum / Aluminium					

(1) 2"-4" CA15, 6" ve üstü WCB / 2"-4" CA15, 6" and above WCB

(2) Seçilen trim malzemesinin korozyona dayanımı gövde malzemesinin korozyon dayanımından düşük olamaz.

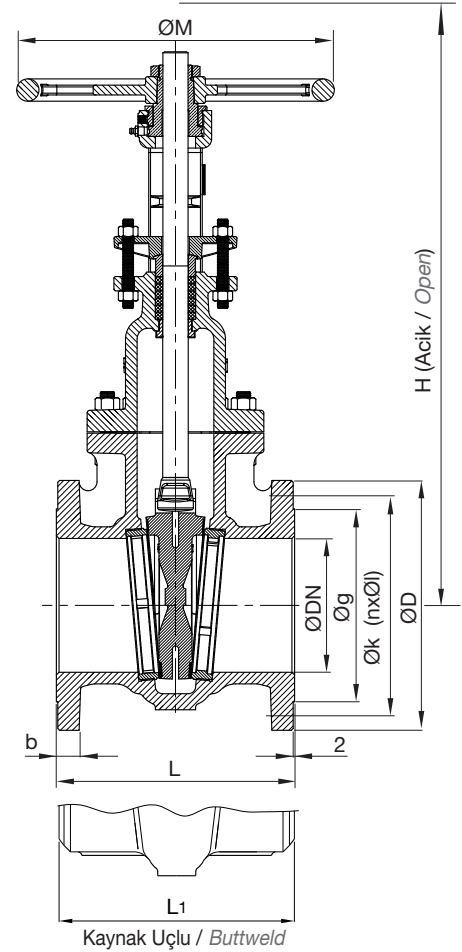
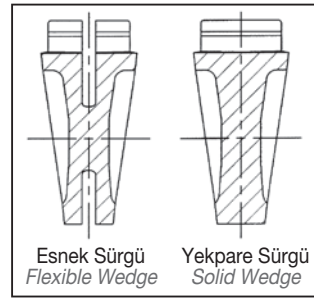
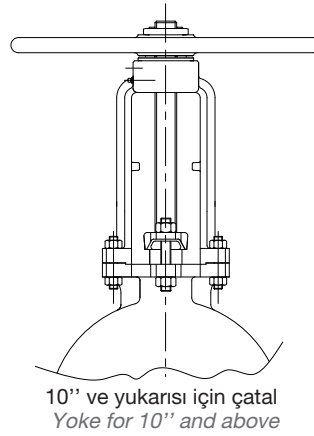
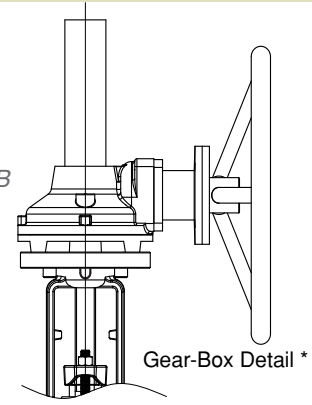
The corrosion resistance of the trim material shall not be less than the corrosion resistance of the body material.

Trim Malzeme Tablosu / Trim Material Table

Trim numarası Trim number	Nominal trim Nominal trim	Sürgü sit yüzeyi Wedge seat surface	Gövde ringi sit yüzeyi Body ring seat surface	Mil / Stem	Geri ring / Back seat
1	F6	13 Cr	13 Cr	13 Cr	13 Cr
2	304	18Cr-8Ni	18Cr-8Ni	A182-F304	A182-F304
4	Hard F6	Hard 13 Cr	Hard 13 Cr	13 Cr	13 Cr
5	Hardfaced	Stellite	Stellite	13 Cr	13 Cr
8	F6 and Hardfaced	13 Cr	Stellite	13 Cr	13 Cr
10	316	18Cr-8Ni-Mo	18Cr-8Ni-Mo	A182-F316	A182-F316
12	316 and Hardfaced	18Cr-8Ni-Mo	Stellite	A182-F316	A182-F316
13	Alloy 20	19Cr-29Ni	19Cr-29Ni	19Cr-29Ni	19Cr-29Ni
16	Hardfaced	Stellite	Stellite	A182-F316	A182-F316
-	Bronze	Bronze	Bronze	Bronze	Bronze

Figür / Figure G10

- Flanşlı bağlantılı / Flanged ends (FLGD) : ASME B16.5
26" ve büyükler ASME B16.47 seri A veya B / 26" and larger to ASME B16.47 series A or B
- Uçtan uca Boyutlar / Face to face : ASME B16.10
- Dizayn / Design : API 600 - ASME B16.34
- Çalışma şartları / Rating : ASME B16.34
- Hidrostatik test / Hydrostatic test : API 598
- Yükseltilmiş yüzeyli / Raised face (RF)
- Cıvatalı kapaklı / Bolted bonnet (BB)
- Dıştan vidalı boyunduruklu / Outside screw and yoke (OSY)
- Yükselen milli / Rising stem (RS)
- Yükselmeyen volanlı / Non-rising handwheel (NRH)
- Cıvatalı glendli / Bolted gland (BG)
- Yekpare veya esnek sürgülü / Solid or flexible wedge
- Değişebilir sitringli / Renewable seat rings
- Kaynak (integral) sitli / Welded seat rings
- Manuel kumandalı, Dişli kutulu, Elektrik aktuatörlü
Manuel operated, Gear operated or Electrical operated



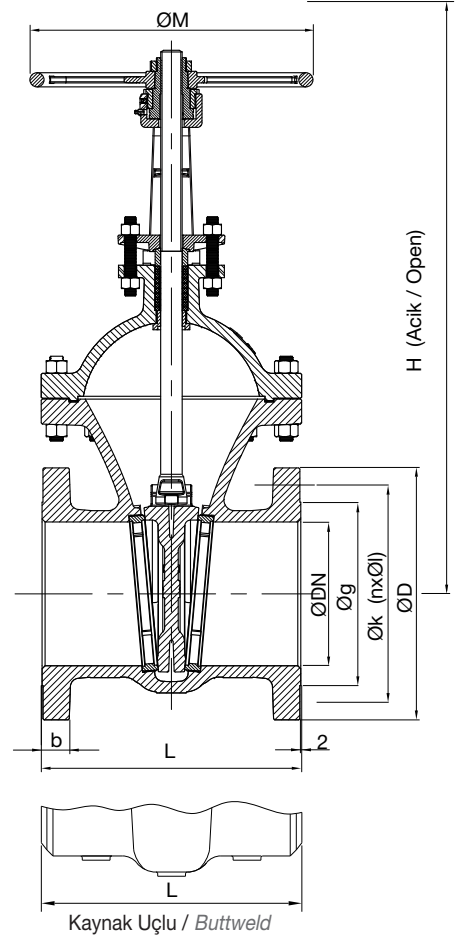
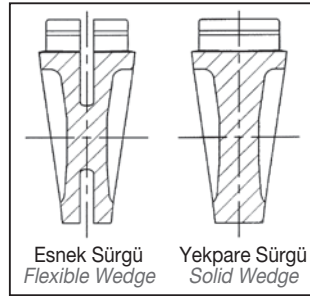
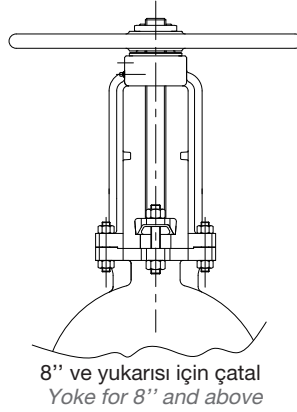
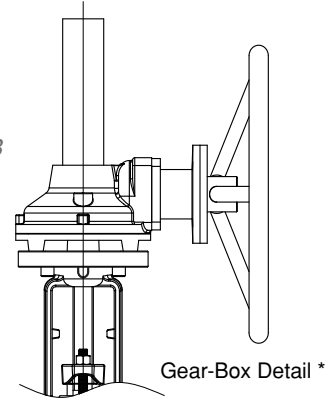
* 12" ve üzeri dişli kutulu olarak kullanılması önerilir. / * It is recommended to be used with a gearbox for 12" and above.

Boyutlar / Dimensions (mm)
Ağırlık / Weight (kg)

DN	INCH	øD	b	øg	øk	n	øl	L	L1	H	øM	Kg
50	2"	150	19.5	92	120.7	4	19	178	216	390	200	20
65	2 1/2"	180	23	105	139.7	4	19	190	241	445	200	25
80	3"	190	24.5	127	152.4	4	19	203	282	505	250	30
100	4"	230	24.5	157	190.5	8	19	229	305	595	250	48
125	5"	255	24.5	186	215.9	8	22	254	381	620	305	62
150	6"	280	26	216	241.3	8	22	267	403	780	305	80
200	8"	345	29	270	298.5	8	22	292	419	1095	375	129
250	10"	405	31	324	362	12	25.5	330	457	1290	450	195
300	12"	485	32.5	381	431.8	12	25.5	356	502	1450	500	308
350	14"	535	35.5	413	476.3	12	28.5	381	572	1550	600	350
400	16"	595	37	470	539.8	16	28.5	406	610	1720	600	490
450	18"	635	40.5	533.5	577.9	16	32	432	660	1895	660	560
500	20"	700	43.5	584	635	20	32	457	711	2080	660	725
600	24"	815	48.5	692	749.3	20	35	508	813	2520	720	1350
700	28"	925	72	800	863.6	28	35	610	914	2670	800	1800
750	30"	985	75.5	857	914.4	28	35	610	914	2950	800	2560
800	32"	1060	81.5	914	977.9	28	41	711	965	3150	950	3060

Figür / Figure G12

- ❑ Flanşlı bağlantılı / Flanged ends (FLGD) : ASME B16.5
26" ve büyükler ASME B16.47 seri A veya B / 26" and larger to ASME B16.47 series A or B
- ❑ Uçtan uca Boyutlar / Face to face : ASME B16.10
- ❑ Dizayn / Design : API 600 - ASME B16.34
- ❑ Çalışma şartları / Rating : ASME B16.34
- ❑ Hidrostatik test / Hydrostatic test : API 598
- ❑ Yükseltilmiş yüzeyli / Raised face (RF)
- ❑ Cıvatalı kapaklı / Bolted bonnet (BB)
- ❑ Dıştan vidalı boyunduruklu / Outside screw and yoke (OSY)
- ❑ Yükselen millî / Rising stem (RS)
- ❑ Yükselmeyen volanlı / Non-rising handwheel (NRH)
- ❑ Cıvatalı glendli / Bolted gland (BG)
- ❑ Yekpare veya esnek sürgülü / Solid or flexible wedge
- ❑ Değişebilir sitringli / Renewable seat rings
- ❑ Kaynak (integral) sitli / Welded seat rings
- ❑ Manuel kumandalı, Dişli kutulu, Elektrik aktuatörlü
Manuel operated, Gear operated or Electrical operated



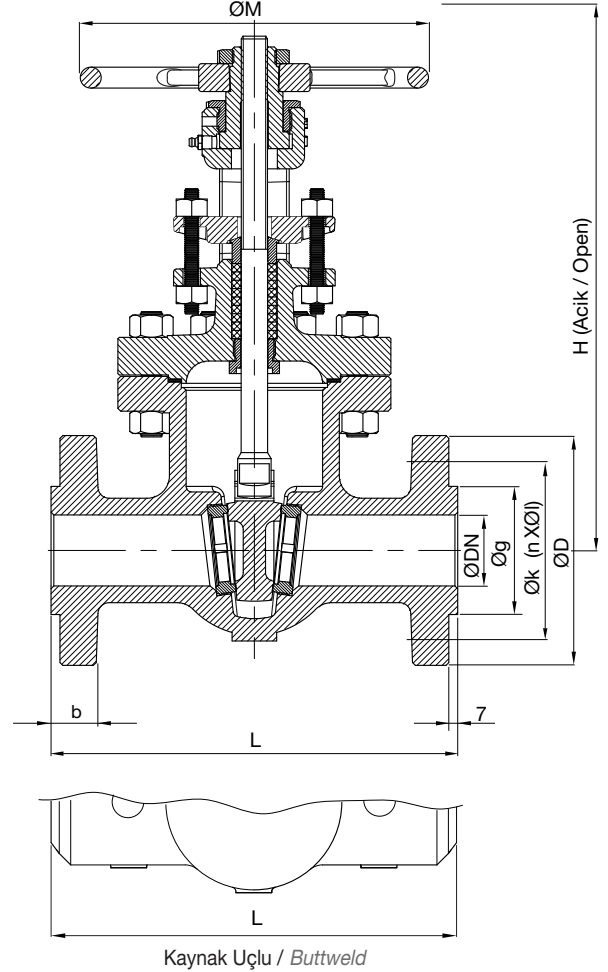
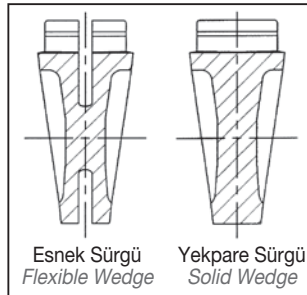
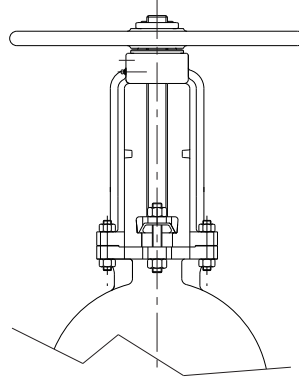
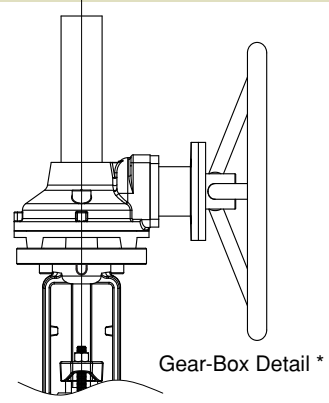
* 10" ve üzeri dişli kutulu olarak kullanılması önerilir. / * It is recommended to be used with a gearbox for 10" and above.

Boyutlar / Dimensions (mm)
Ağırlık / Weight (kg)

DN	INCH	øD	b	øg	øk	n	øl	L	H	øM	Kg
50	2"	165	23	92	127	8	19	216	385	200	28
65	2 1/2"	190	26	105	149.2	8	22	241	440	200	30
80	3"	210	29	127	168.3	8	22	282	515	250	55
100	4"	255	32.5	157	200	8	22	305	630	305	80
125	5"	280	35.5	186	235	8	22	381	790	305	130
150	6"	320	37	216	269.9	12	22	403	840	375	155
200	8"	380	42	270	330.2	12	25.5	419	1140	450	230
250	10"	445	48.5	324	387.4	16	28.5	457	1240	500	410
300	12"	520	51.5	381	450.8	16	32	502	1540	600	540
350	14"	585	54.5	413	514.4	20	32	762	1650	660	650
400	16"	650	58	470	571.5	20	35	838	1745	660	970
450	18"	710	61	533.5	628.6	24	35	914	2120	660	1490
500	20"	775	64	584	685.8	24	35	991	2190	720	1680
600	24"	915	70.5	692	812.8	24	41	1143	2600	800	2100
700	28"	1035	86.5	800	939.8	28	44	1346	2790	800	3310
750	30"	1090	92.5	857	997	28	48	1397	3050	800	4100
800	32"	1150	99	914	1054.1	28	51	1524	3210	950	5200

Figür / Figure G13

- Flanlı bağlantılı / Flanged ends (FLGD) : ASME B16.5
26" ve büyükler ASME B16.47 seri A veya B / 26" and larger to ASME B16.47 series A or B
- Uçtan uca Boyutlar / Face to face : ASME B16.10
- Dizayn / Design : API 600 - ASME B16.34
- Çalışma şartları / Rating : ASME B16.34
- Hidrostatik test / Hydrostatic test : API 598
- Yükseltilmiş yüzeyli / Raised face (RF)
- Cıvatalı kapaklı / Bolted bonnet (BB)
- Dıştan vidalı boyunduruklu / Outside screw and yoke (OSY)
- Yükselen milli / Rising stem (RS)
- Yükselmeyen volanlı / Non-rising handwheel (NRH)
- Cıvatalı glendli / Bolted gland (BG)
- Yekpare veya esnek sürgülü / Solid or flexible wedge
- Değişebilir sitringli / Renewable seat rings
- Kaynak (integral) sitli / Welded seat rings
- Manuel kumandalı, Dişli kutulu, Elektrik aktuatörlü
Manual operated, Gear operated or Electrical operated



* 8" ve üzeri dişli kutulu olarak kullanılması önerilir. / * It is recommended to be used with a gearbox for 8" and above.

Boyutlar / Dimensions (mm)
Ağırlık / Weight (kg)

DN	INCH	øD	b	øg	øk	n	øl	L	H	øM	Kg
50	2"	165	32.5	92	127	8	19	292	430	250	46
65	2 1/2"	190	36	105	149.2	8	22	330	625	250	50
80	3"	210	39	127	168.3	8	22	356	640	305	75
100	4"	275	45.5	157	215.9	8	25.5	432	665	375	126
150	6"	355	55	216	292.1	12	28.5	559	1080	500	275
200	8"	420	63	270	349.2	12	32	660	1135	600	448
250	10"	510	70.5	324	431.8	16	35	787	1295	720	705
300	12"	560	74	381	489	20	35	838	1530	720	995
350	14"	605	77	413	527	20	38	889	1760	850	1260
400	16"	685	83.5	470	603.2	20	41	991	1980	850	1680
450	18"	745	90	533.5	654	20	44.5	1092	2295	900	2100
500	20"	815	96	584	723.9	24	44.5	1194	2390	1500	2380
600	24"	940	109	692	838.2	24	51	1397	3010	1500	3960

- ❑ Flanşlı bağlantılı / Flanged ends (FLGD) : BS EN 1092-1, ISO 7005-1
- ❑ Boyutlar / Dimensions : DIN 3202-F5, BS EN 558
- ❑ Çalışma şartları / Rating : DIN 2401
- ❑ Dizayn / Design : DIN 3352
- ❑ Hidrostatik test / Hydrostatic test : ISO 5208 - EN 3230
- ❑ Yükseltilmiş yüzeyli / Raised face (RF)
- ❑ Cıvatalı kapaklı / Bolted bonnet (BB)
- ❑ Dıştan vidalı boyunduruklu / Outside screw and yoke (OSY)
- ❑ Yükselen milli / Rising stem (RS)
- ❑ Yükselmeyen volanlı / Non-rising handwheel (NRH)
- ❑ Cıvatalı glendli / Bolted gland (BG)
- ❑ Değişebilir Sitrinçli / Renewable Seat Rings
- ❑ Kaynak (İntegral) Sittli / Welded Seat Rings
- ❑ Manuel kumandalı, Dişli kutulu, Elektrik aktuatörlü
Manuel operated, Gear operated or Electrical operated

Boyutlar / Dimensions (mm)
Ağırlık / Weight (kg)

PN10 Figür / Figure G10D-PN10

DN	INCH	øD	b	øg	øk	n	øl	L	H	øM	Kg
50	2"	165	18	102	125	4	18	250	390	200	22
65	2 1/2"	185	18	122	145	4	18	270	445	200	26
80	3"	200	20	138	160	8	18	280	505	250	32
100	4"	220	20	158	180	8	18	300	595	250	50
125	5"	250	22	188	210	8	18	325	620	305	65
150	6"	285	22	212	240	8	22	350	780	305	80
200	8"	340	24	268	295	8	22	400	1095	375	135
250	10"	395	26	320	350	12	22	450	1290	450	206
300	12"	445	26	370	400	12	22	500	1450	500	312

PN16 Figür / Figure G10D-PN16

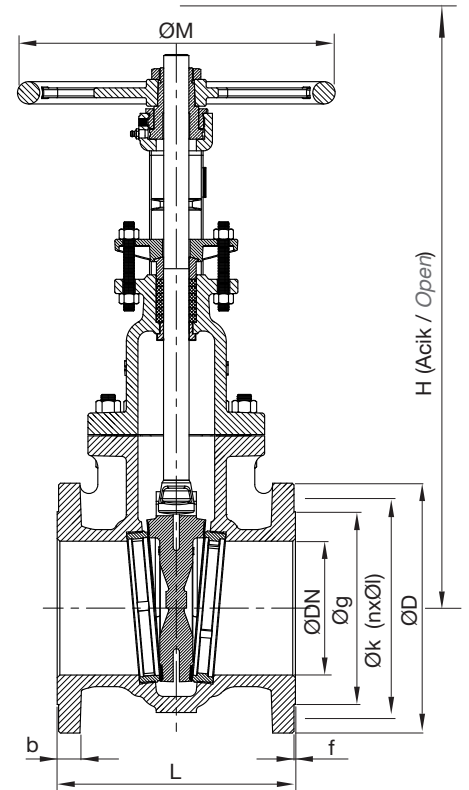
DN	INCH	ØD	b	øg	øk	n	øl	L	H	øM	Kg
50	2"	165	18	102	125	4	18	250	390	200	22
65	2 1/2"	185	18	122	145	4	18	270	445	200	26
80	3"	200	20	138	160	8	18	280	505	250	32
100	4"	220	20	158	180	8	18	300	595	250	50
125	5"	250	22	188	210	8	18	325	620	305	65
150	6"	285	22	212	240	8	22	350	780	305	80
200	8"	340	24	268	295	12	22	400	1095	375	135
250	10"	405	26	320	355	12	26	450	1290	450	210
300	12"	460	28	378	410	12	26	500	1450	500	320

PN25 Figür / Figure G10D-PN25

DN	INCH	øD	b	øg	Øk	n	øl	L	H	øM	Kg
50	2"	165	20	102	125	4	18	250	390	200	24
65	2 1/2"	185	22	122	145	8	18	270	445	200	29
80	3"	200	24	138	160	8	18	280	505	250	35
100	4"	235	24	162	190	8	22	300	595	250	55
125	5"	270	26	188	220	8	26	325	620	250	72
150	6"	300	28	218	250	8	26	350	780	355	88
200	8"	360	30	278	310	12	26	400	1095	355	149
250	10"	425	32	335	370	12	30	450	1290	450	231
300	12"	485	34	395	430	16	30	500	1450	500	352

PN40 Figür / Figure G10D-PN40

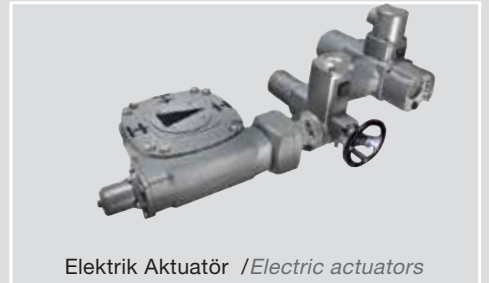
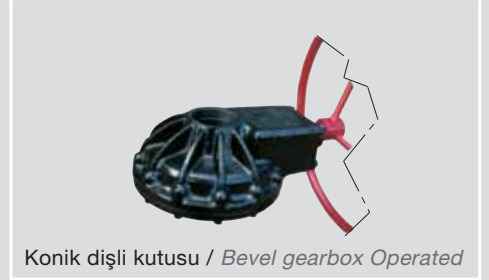
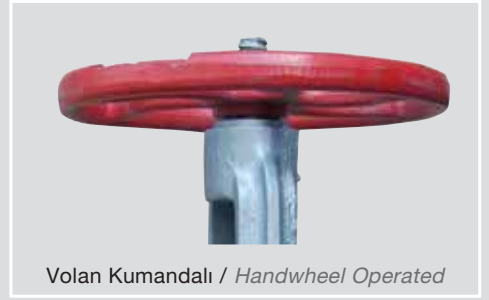
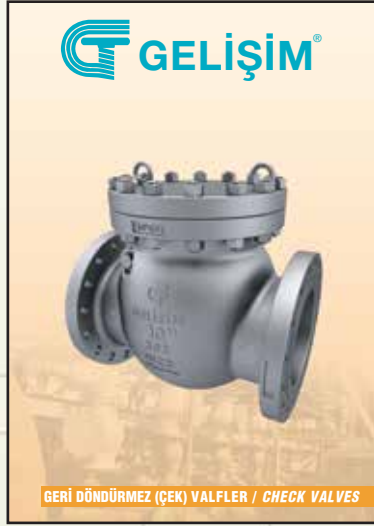
DN	INCH	øD	b	øg	Øk	n	øl	L	H	øM	Kg
50	2"	165	20	102	125	4	18	250	385	200	24
65	2 1/2"	185	22	122	145	8	18	270	440	200	29
80	3"	200	24	138	160	8	18	280	5156	250	35
100	4"	235	24	162	190	8	22	300	30	305	55
125	5"	270	26	188	220	8	26	325	790	305	72
150	6"	300	28	218	250	8	26	350	840	375	88
200	8"	375	34	285	320	12	30	400	1140	450	149
250	10"	450	38	345	385	12	33	450	1240	500	231
300	12"	515	42	410	450	16	33	500	1540	600	352



f : DN 50'den DN 250'ye kadar 3mm
DN 300 ve üzeri 4mm

f :3mm for DN 50 to DN 250,
4mm for DN 300 and larger size.

KUMANDA ÇEŞİTLERİ KIND OF THE OPERATORS



GELİŞİM®

VALF ve MAKİNA SAN. TİC. LTD. ŞTİ.

Mescit Mahallesi Demokrasi Cad. Birmes Sanayi Sitesi D.3 Blok
ORHANLI / TUZLA / İSTANBUL / TURKEY

Tel: +90 216 - 394 08 01 - 394 08 02 - 394 05 80 - 394 05 81

Fax: +90 216 - 394 08 42

www.gelisimvalf.com.tr e-mail : bilgi@gelisimvana.com

Bu broşürün yayın hakkı, GELİŞİM Valf'e aittir.
Broşürün hiçbir bölümü değiştirilemez, alıntı yapılamaz.
GELİŞİM Valf'in izni olmadan broşürün hiçbir bölümü mekanik,
elektronik, fotokopi vb. yollarla kopya edilemez, kullanılamaz.