

Industry Companion of Iran

FOULAD MAHAN TEHRAN



VALVES

GATE VALVES, GLOBE VALVES, BALL VALVES, CHECK VALVES, BUTTERFLY VALVES, STRAINERS



پخش فولاد ماهان تهران (سهامی خاص)
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پخش فولاد ماهان

FOULAD MAHAN TEHRAN

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پخش فولاد ماهان تهران از سال ۱۳۷۲ مبادرت به تهیه، توزیع و ساخت تجهیزات مورد نیاز صنایع نفت، پتروشیمی، پالایشگاهی و نیروگاهی و سایر صنایع مرتبط نموده است.

این مجموعه با بهره‌گیری از پرسنل متخصص و اطلاعات به‌روز، پیشینه قابل قبولی در عرصه خدمت به پیشرفت صنعت کشور داراست و طیف وسیعی از خدمات و ملزومات صنعتی و ساختمانی مورد نیاز شرکتها را تامین می‌نماید.

کلیه این تجهیزات دارای گواهینامه و تائیدیه از شرکت‌های سازنده می‌باشند.

پخش فولاد ماهان تهران امیدوار است تا با ارائه خدمات مناسب رضایت شرکت‌های همکار را جلب نموده و گامی موثر در پیشبرد صنایع کشور داشته باشد.



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شیر فلکه کشویی

GATE VALVES

شیر فلکه بشقابی

GLOBE VALVES

شیر توپی

BALL VALVES

شیر یکطرفه

CHECK VALVES

شیر پروانه ای

BUTTERFLY VALVES

شیر صافی

STRAINERS



VALVES

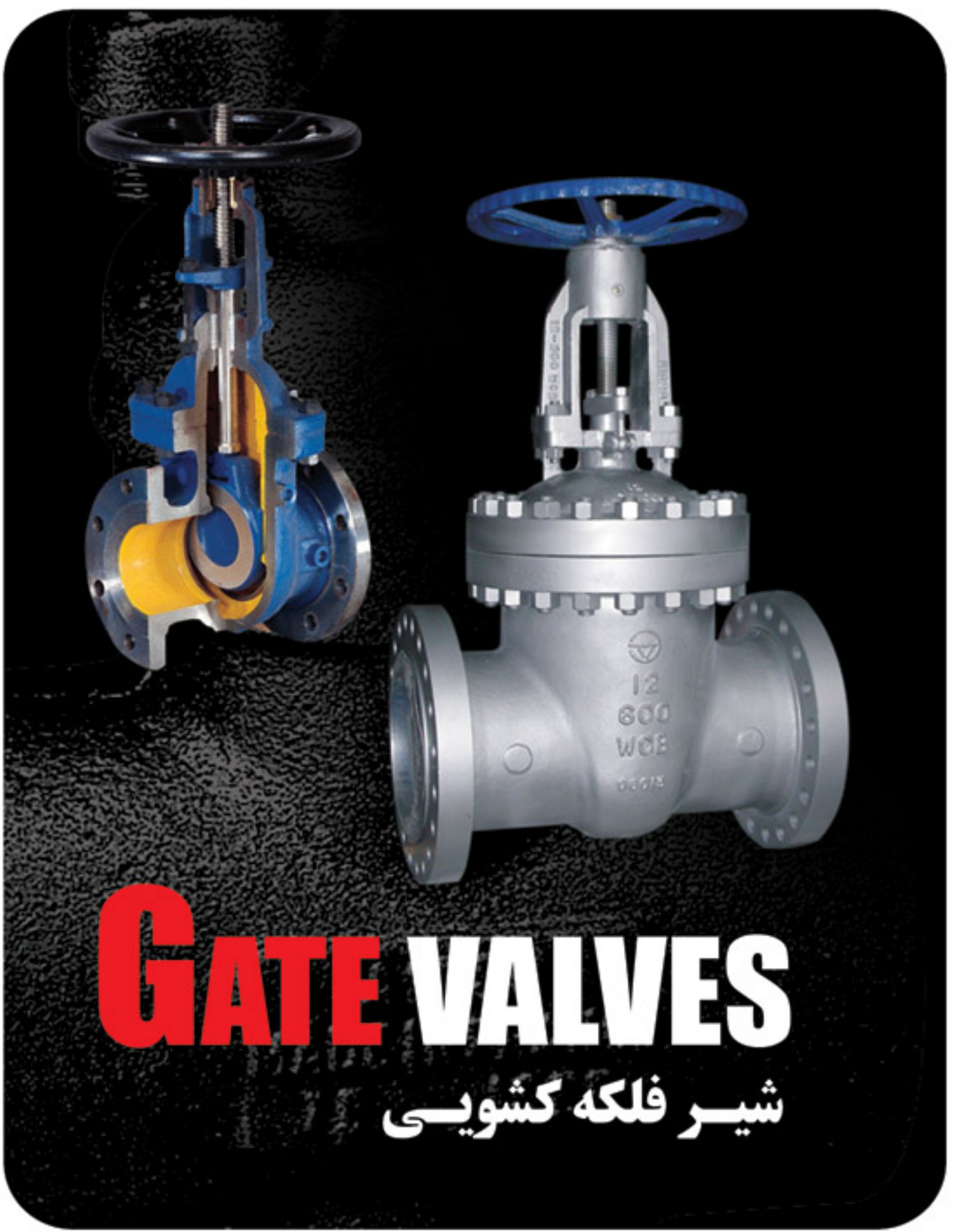
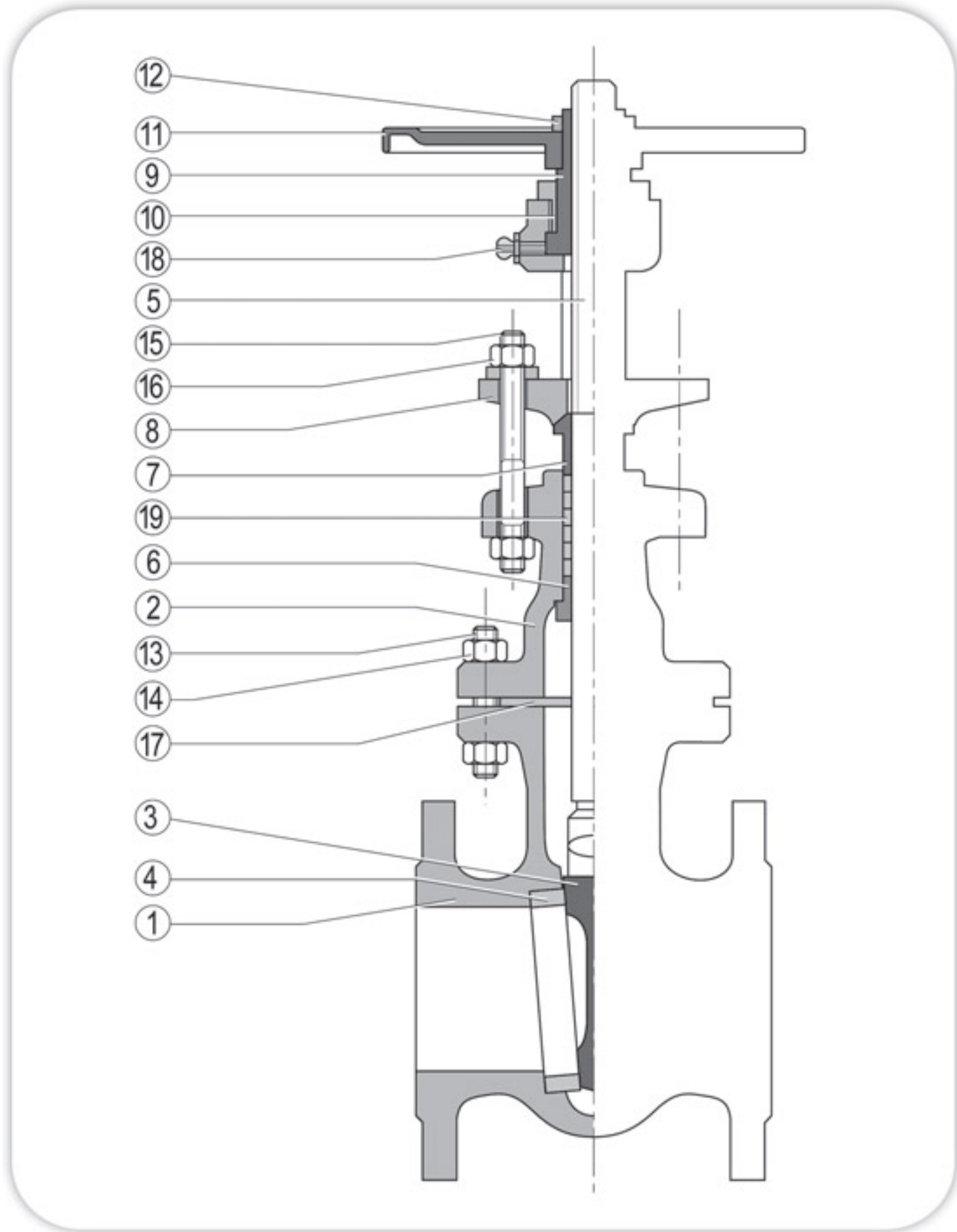
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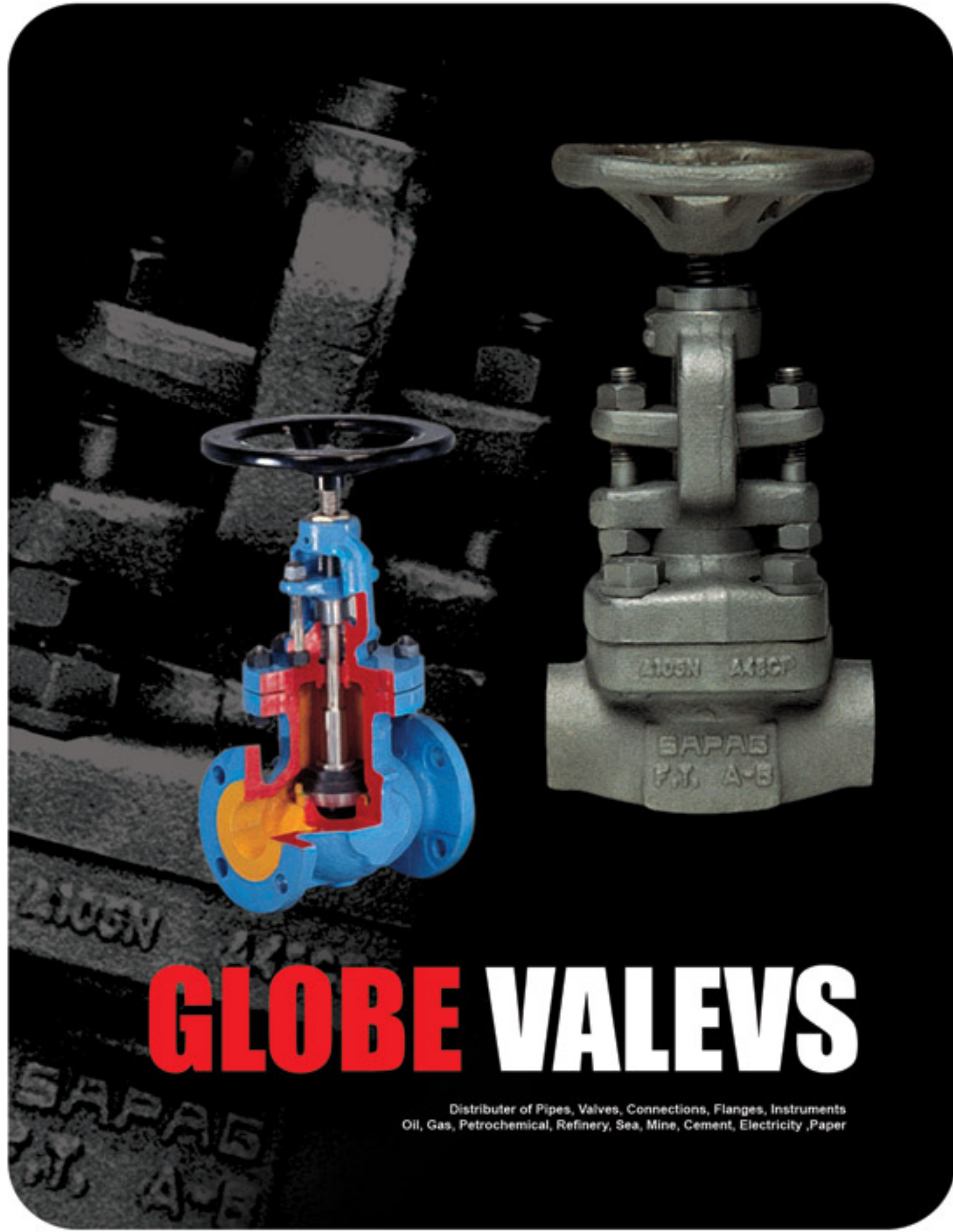
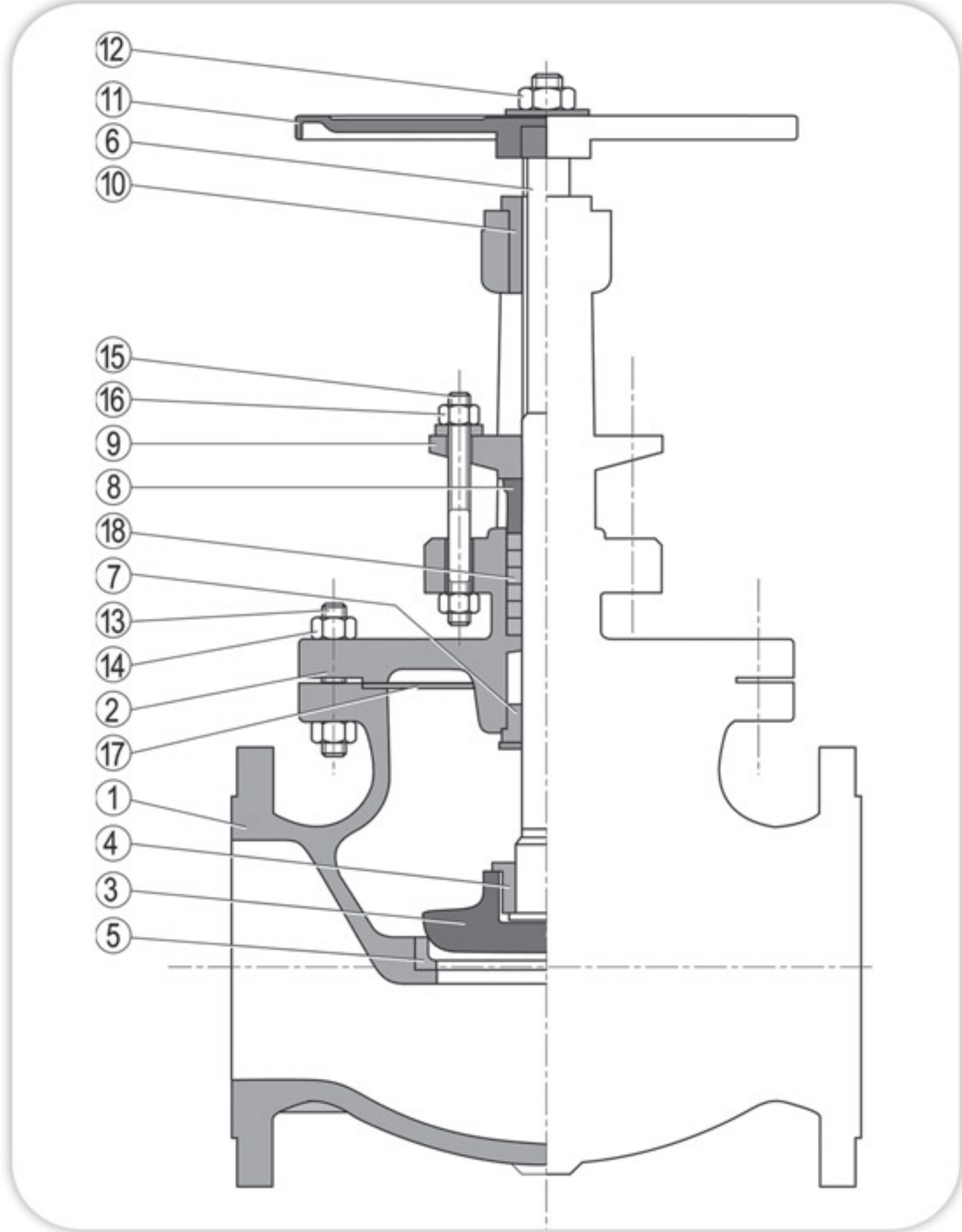
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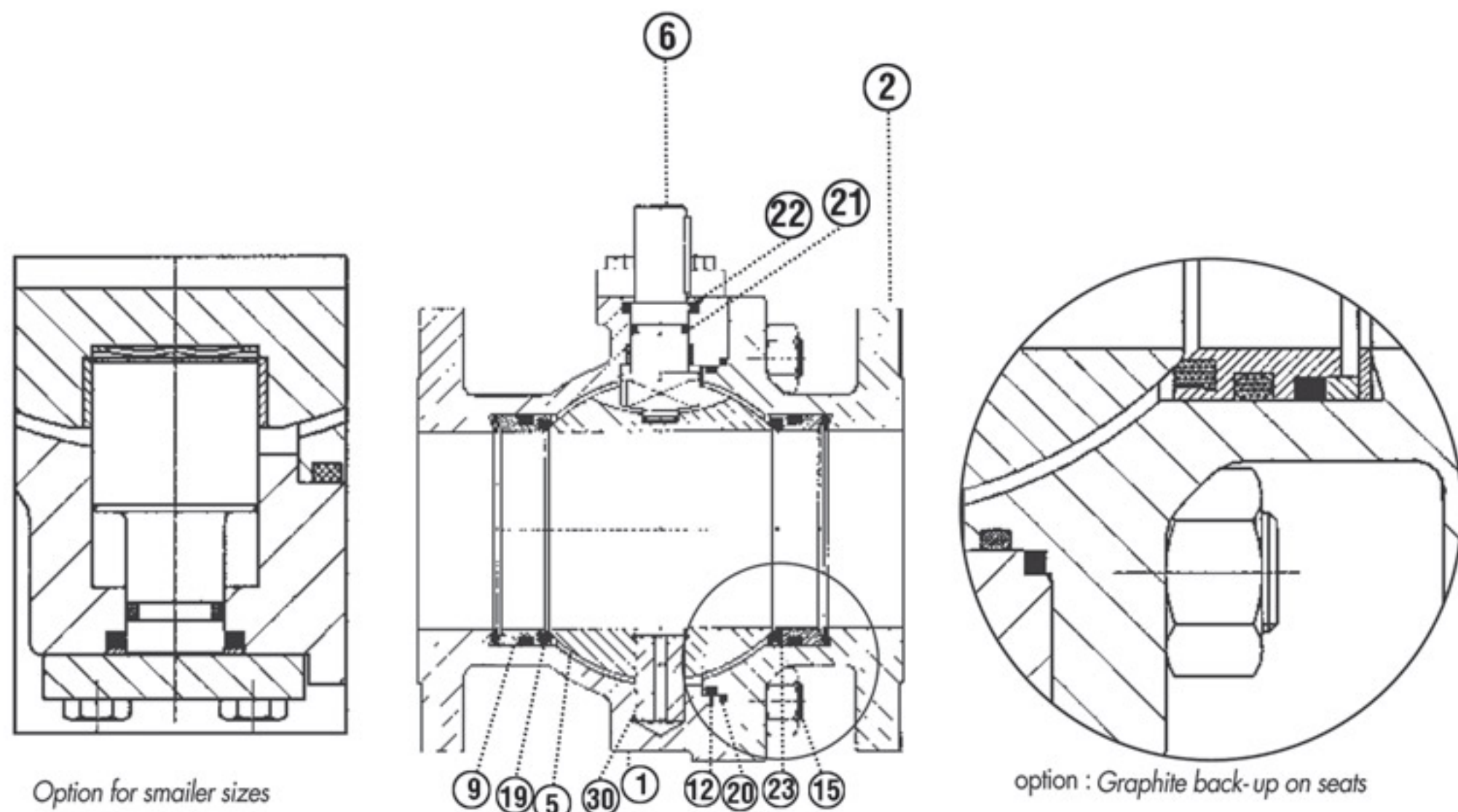
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	Designation	Steel	Carbon	Carbon	Carbon	1,25 Cr – 0,5 Mo	18 Cr – 9 Ni 2 Mo
1	Body		A216WCB		A352LCB	A217WC6	A351CF8M
2	Bonnet		A216WCB		A352LCB	A217WC6	A351CF8M
3	Solid wedge	Ø ≤ 6"	13 % Cr	A182F304	13 % Cr	13 % Cr Stellite	A182F316
		Ø > 6"	A216WCB + 13 % Cr	A216WCB + F304	A352LCB + 13 % Cr	A217WC6 + Stellite	A182F316
4	Body seats		13 % Cr	A182F304	13 % Cr	Stellite	A182F316
5	Stem		13 % Cr	A182F304	13 % Cr	13 % Cr	A182F316
6	Back seat		13 % Cr	A182F304	13 % Cr	13 % Cr	INTEGRAL
7	Gland follower		13 % Cr	A182F304	13 % Cr	13 % Cr	A182F316
8	Gland flange		A105			13 % Cr	A182F304
9	Stem nut		AISI 416 SULF or B 148-9a or Ni-Resist®			AISI 416 SULF	
10	Yoke nut		A105			A 47 Gr 35018	A105
11	Handwheel		Steel or Cast iron			Steel	
12	Handwheel nut		A105			A105	
13	Stud bolts		A193B7			A193B7	A193B8
14	nuts		A194-2H			A194-2H	A194Gr8
15	Stud bolts		A193B7			A193B7	A193B8
16	nuts		A194-2H			A194-2H	A194Gr8
17	Gasket	corrugated	Soft iron – Stainless steel			–	–
		spirally	graphite			–	316 + PTFE
		flat	Graphite and stainless steel			–	–
		R.J.	Soft iron			A182F5	F316
18	Lubricator		Steel			–	
19	Packing		Two braided graphite ring others expanded graphite rings			Graphite	
	Lantern ring (upon request)		13 % Cr	A182F304	13 % Cr	13 % Cr	–



	Designation	Steel	Carbon	Carbon	Carbon	1,25 Cr – 0,5 Mo	18 Cr – 9 Ni 2 Mo
1	Body		A216WCB		A352LCB	A217WC6	A351CF8M
2	Bonnet		A216WCB		A352LCB	A217WC6	A351CF8M
3	Disc		13 % Cr ou/or A216WCB + 13 % Cr	A182F304	13 % Cr ou/or A182LCB + 13 % Cr	13 % Cr + Stellite	A182F316
4	Disc nut		13 % Cr	A182F304	13 % Cr	13 % Cr	A182F316
5	Body seat ring		13 % Cr	A182F304	13 % Cr	13 % Cr	A182F316
6	Stem		13 % Cr	A182F304	13 % Cr	13 % Cr	A182F316
7	Back seat		13 % Cr	A182F304	13 % Cr	13 % Cr	INTEGRAL
8	Gland follower		13 % Cr	A182F304	13 % Cr	13 % Cr	A182F316
9	Gland flange		13 % Cr			13 % Cr	A182F304
10	Yoke nut		B148-9a	or AISI 416 SULF	or Ni-Resist		AISI 416 SULF
11	Handwheel		Steel		or ductile-iron		Steel
12	Handwheel nut		A105				A105
13	Stud bolts		A193B7		A193B7		A193B8
14	nuts		A194-2H		A194-2H		A194Gr8
15	Stud bolts		A193B7		A193B7		A193B8
16	nuts		A194-2H		A194-2H		A194Gr8
17	Gasket	spirally	Stainless – graphite		graphite		graphite
		flat	Graphite and stainless steel		–		–
		R.J.	Soft iron		F316		F316
18	Garniture Packing		Two braided graphite ring others expanded graphite rings		Two braided graphite ring others expanded graphite rings		
	Lanterne (sur demande) Lantern ring (upon request)		13 % Cr	A182F304	13 % Cr	13 % Cr	A182F316





■ construction

Item	Qty	Description
1	1	Body
2	1	Adaptor
5	1	Ball
6	1	Stem
9	2	Seat ring
12	2	Seat seal
15		Stud-nut
19	1	O ring
20	2	O ring
21	1	O ring
22	1	Packing rings
23	1	Gasket
30	1	Bottom shaft
		Painting (primer)

■ construction

Carbon steel	Low temperature steel	Stainless steel
A 216 WCB	A 352 LCB	A 351 CF8M
A 216 WCB	A 352 LCB	A 351 CF8M
Ø < 6" : AISI 316	Carbon steel / chrome plated sur demande / on request : AISI 316	
AISI 410	AISI 410	A. 564 Gr.630
Carbon steel	AISI 316	AISI 316
A193 B7-A 1942H	Glass filled PTFE	
	A320 I7-A 194 Gr4	A 193 B8M
	Fluorocarbon	
	Expanded graphite with corrosion inhibitor	
AISI 410	AISI 410	A. 564 Gr.630
	vinylque RAL 5005 vinylc resin RAL 5005	

Materials to NACE MR 01.75 standard on request
Other materials on request (Duplex, 6 Mo)



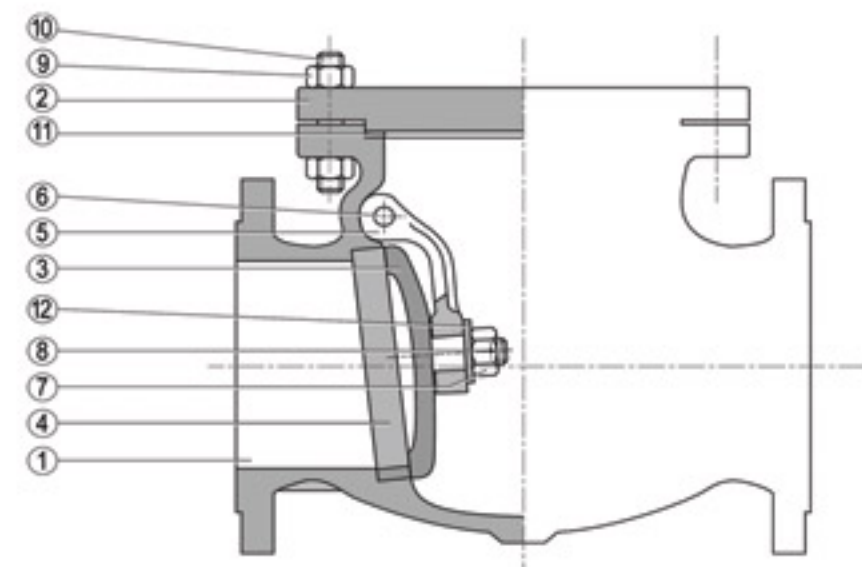
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BALL VALVES

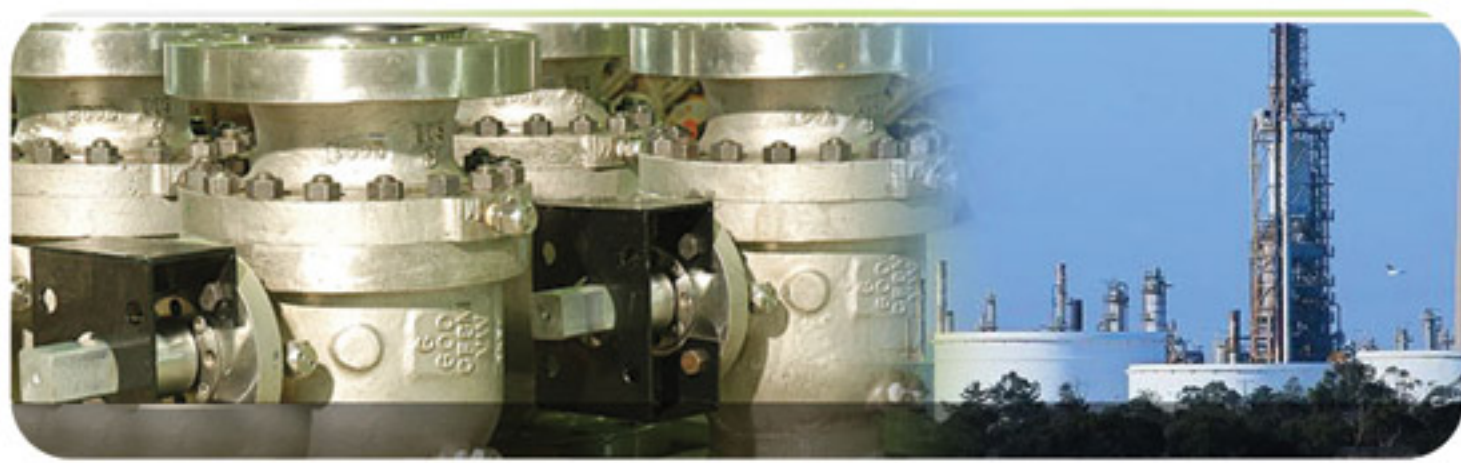
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	Designation	Steel	Carbon	Carbon
1	Body		A216WCB	
2	Cover plate		A216WCB	
3	Disc		13 % Cr ou/or A216WCB + 13 % Cr	A182F304
4	Body seat ring		13 % Cr	A182F304
5	Hinge		A105 ou/or A216WCB	A216WCB
6	Hinge pin		13 % Cr	A182F304
7	Nut		A194-2H	A182F304
8	Cotter pin		A182F304	
9	nuts		A194-2H	
10	Stud bolts		A193B7	
11	Cover gasket	Spirally	Stainless – Graphite	
		Flat	Graphite	
		R.J.	Soft iron	
12	Washer		A105	A182F304
13	Cap bold		A105	
14	Cap gasket		Soft iron	



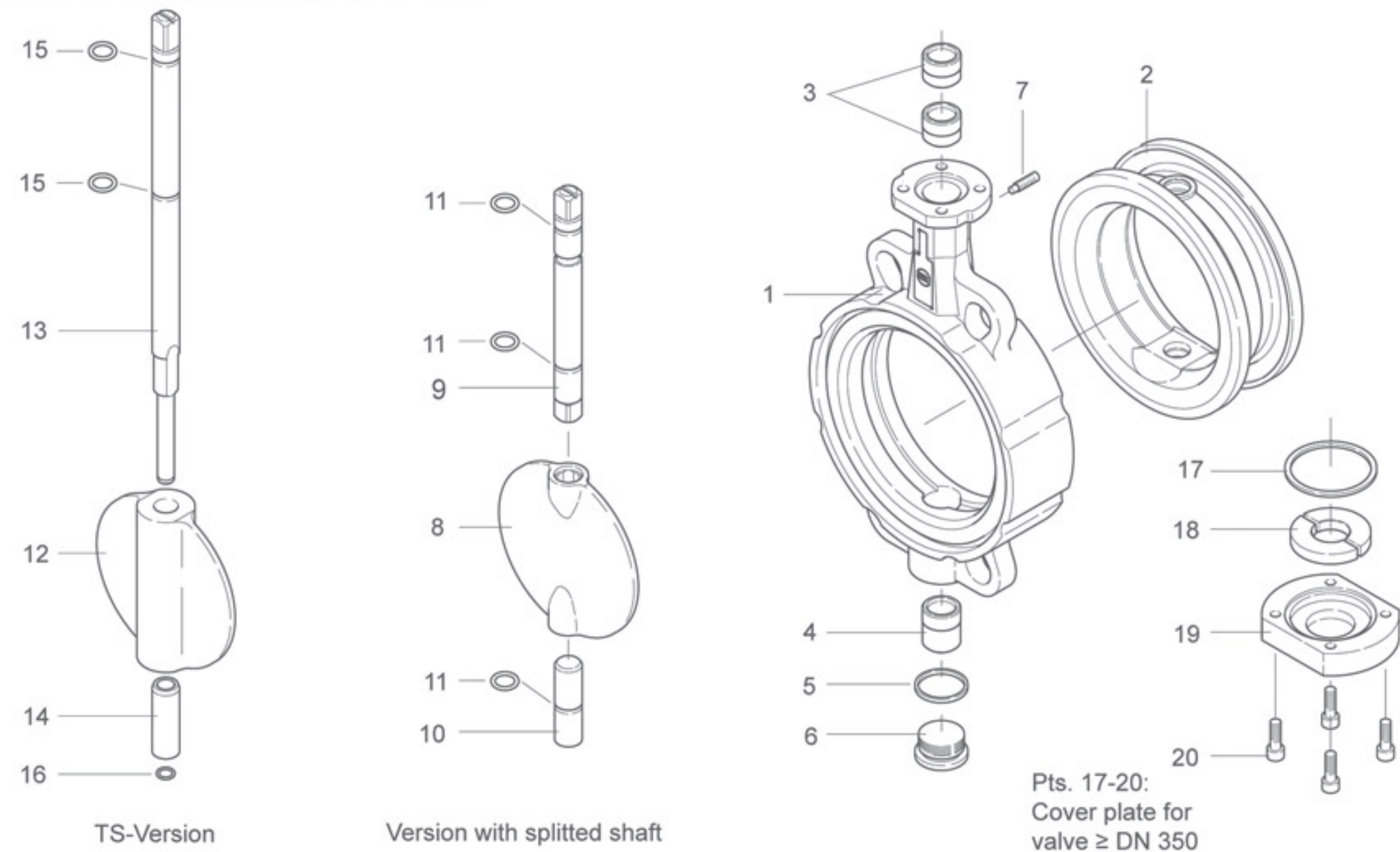
Carbon	3,5 Ni	1,25 Cr – 0,5 Mo	5 Cr – 0,5 Mo	18 Cr – 9 Ni 2 Mo	
A352LCB	A352LC3	A217WC6	A217C5	A351CF8M	1
A352LCB	A352LC3	A217WC6	A217C5	A351CF8M	2
13 % Cr ou/or A350LCB + 13 % Cr	A182F304 Stellite	13 % Cr Stellite	13 % Cr ou/or A217C5 + 13 % Cr	A182F316	3
13 % Cr	A182F304 - Stellite	13 % Cr		A182F316	4
A105 ou/or A352LCB	A352LC3	A217WC6	13 % Cr ou/or A217C5	A182F316 ou/or A351CF8M	5
13 % Cr	A182F304	13 % Cr		A182F316	6
A194-2H	A194Gr8				7
	A182F304			A182F316	8
A194-2H	A194-4	A194-2H		A194Gr8	9
A193B7	A320L7	A193B7		A193B8	10
Inox – Graphite / Stainless – Graphite					11
stainless steel	–	–	–	–	
Soft iron	F316				
A182F304					12
A105	A182F304				13
Soft iron	F316				14



CHECK VALVE



MATERIAL SPEZIFICATION AND PARTS LIST



Pt.	Description	Material	Material-No.	ASTM	Pt.	Description	Material	Material-No.	ASTM
1	Body				9/10	Shafts			
	Aluminiumalloy	G-AISI9Cu3	3.2163	B 380.1		Stainless Steel	X39CrMo17-1	1.4122	
		G-AISI10Mg	3.2381	361.1			X14CrMoS17	1.4104	430 F
	Grey Cast Iron	GG-25	0.6025	40 B			X5CrNiMo 17-12-2	1.4401	316
	Nodular Cast Iron	GGG-40	0.7040	60-40-18			Hastelloy	2.4883	Hastelloy
		GGG-40.3	0.7043			Aluminum Bronze	CuAl10Ni	2.0975	
	Carbon Steel	GS-C25	1.0619	WCB	11	O-ring			
	Stainless Steel	G-X5CrNiMo19-11-2	1.4408	CF8M		NBR	Acrylonitrile butadiene rubber		
	Aluminium Bronze	G-CuAl10Ni	2.0975	C 95800		FPM	Fluorocarbon caoutchouc		
2	Seat				12	TS-disc			
	NBR	Acrylonitrile butadiene rubber				Nodular Cast Iron	GGG-40	0.7040	60-40-18
	EPDM	Ethylene propylene caoutschouc				Stainless Steel	G-X5CrNiMo19-11-2	1.4408	CF8M
	CSM	Chlorsulphonated polyethylene				Aluminium Bronze	G-CuAl10Ni	2.0975	C 95800
	FPM	Fluorocarbon caoutchouc				Coating	Halar,Rilsan		
	VSI	Silicon rubber				Surface quality	electropolished, mirror finished		
	AU	Polyurethane elastomer			13	TS-shaft			
3/4	Bearing bush					Stainless Steel	X14CrMoS17	1.4104	430 F
	Brass	MS 58	2.0401	B 45			X39CrMo17-1	1.4122	
	Polyamide	PA 66					X5CrNiMo17-12-2	1.4401	316
	PTFE	Polytetrafluorethylene				Aluminum Bronze	CuAl10Ni	2.0975	
5	Seal DIN 7603				14	Sleeve			
	Copper	Cu		Copper		Stainless Steel	X5CrNi18-10	1.4301	304
6	Plug screw DIN 908				15	O-ring			
	Stainless Steel	G-X5CrNiMo19-11-2	1.4408	CF8M		NBR	Acrylonitrile butadiene rubber		
7	Set screw DIN 915					FPM	Fluorocarbon caoutchouc		
	Steel	45 H galvanized			16	Retaining ring			
	Stainless Steel	A4-70		B8M		Stainless Steel	X39CrMo17-1	1.4122	
8	Disc				17	O-ring			
	Steel	St 52.3	1.0570	572-50		NBR	Acrylonitrile butadiene caoutchouc		
	Stainless Steel	G-X5CrNiMo19-11-2	1.4301	304	18	Shaft retainer			
		G-X6CrNiMo18-10	1.4408	CF8M		Brass	MS 58	2.0401	B 45
		X2CrNiMo17-12-2	1.4404	316 L	19	Cover plate			
		X6CrNiMoTi17-12-2	1.4571	316 Ti		Grey Cast Iron	GG-25	0.6025	40 B
		G-X2CrNiMoN26-7-4	1.4469	F 51	20	Screw			
		Hastelloy	2.4883	Hastelloy		Steel	45 H galvanized		
	Aluminium Bronze	G-CuAl10Ni	2.0975	C 95800		Stainless Steel	A2-70		B 8
	Coating	Halar, Rilsan					A4-70		B8M
	Surface quality	electropolished, mirror finished				Other materials upon request			

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BUTTERFLY VALVES

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