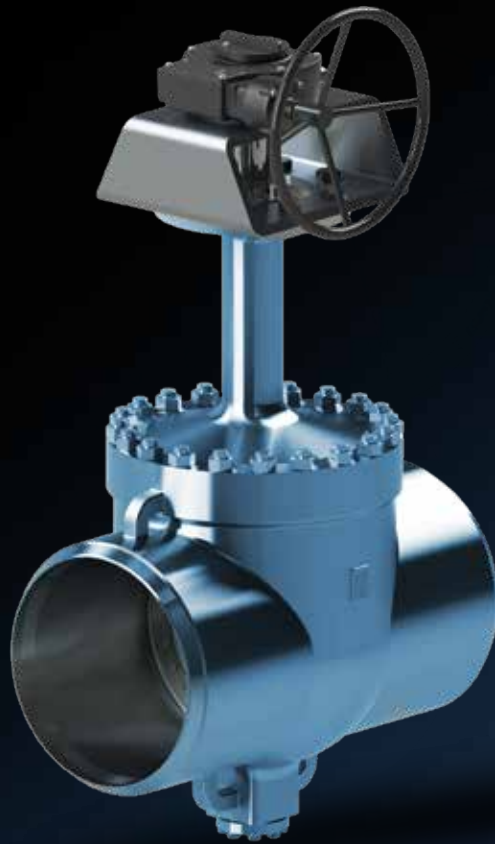




MADE FOR THE **EXTREME**

QUADAX PREMIUM VALVES

QUADAX[®] DATA SHEET - EQ

TOP ENTRY DIMENSION & WEIGHT

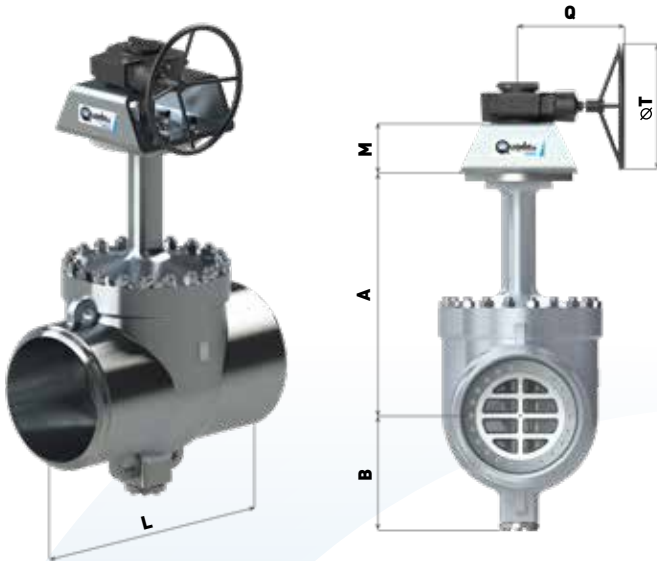
DIN, EN, ISO PN 10-250 / ANSI class 150-1500

05

quadax.de

MADE FOR THE **EXTREME**

With manual gearbox FTF ANSI B16.10



GENERAL INFORMATION

Shut-off valve:	4-Offset (TOV upgradet)
Seal:	Metal
Pressure ratings:	PN 10 – 250 / ANSI 150 – 1500
Nominal diameters:	DN 50 – 1800, NPS 2" – 72"
Temperatures:	-270°C to +800°C
Face-to-face length	EN 558, API 609, ISO 5752, B16.10;
Housing materials:	Steel, stainless steel, brass, special steels e.g. Monel, Duplex, Hastelloy...

DETAILS / CONSTRUCTION / STRUCTURE

Flanges according to DIN EN 1092 in PN 10/16/25/40/63/100/160/250

Flanges according to ANSI B16.5, 150/300/600/900/1500/ASME 16.34

4-OFFSET, round seat and sealing geometry, OCT

Torque-sealing function, open/close, control, ESD function

Cone to cone, jam and friction-free

QUADAX standard TRIM is "full rated"

Special version REDUCED TRIM,
Δp A=20 bar , X=52, B=102, C=160

One-piece body with ISO 5211 mounting flange

Body seat standard Inconel 625 hardened

Optional Stellite 21

Bearing protector

Seal ring as graphite or all metal lamella, Inconel O-ring, ball shape

Blowout-proof, one-piece shaft (API 609)

Face-to-face length according to ANSI B16.10

TA Air 2021, ISO 15848-1&2, API 641, EPA-21

CE / PED, Firesafe, ATEX Zone 1, S.I.L., ISO 9001, ISO 5211, CRN, EAC; TSG

Test standards EN 12266-1; API 598, ISO 5208, API 6D, BS 6436, EN 16668;
ISO 28921, FCI 70-2

Horizontal shaft orientation (recommended)

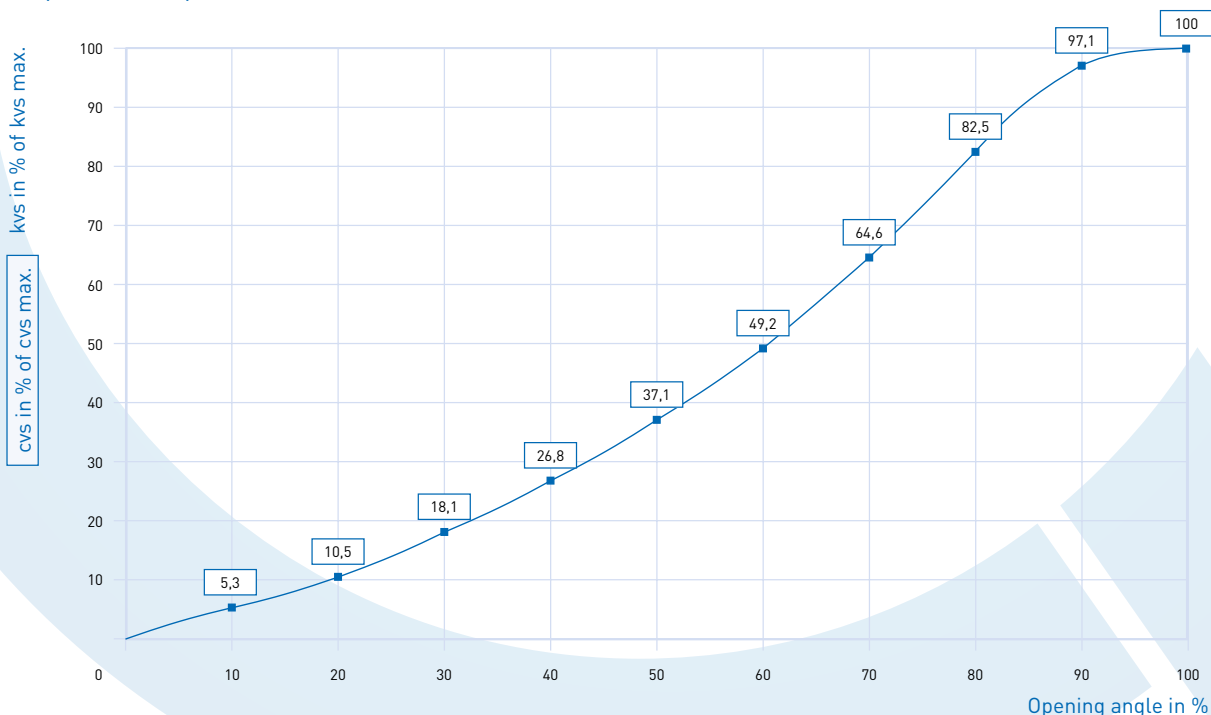
Corrosion protection min C1 – C5M

kvs curve

Flow measurement with water at
Δp 1 bar, temperature 20 °C

cvs curve

Flow measurement with water at
Δp 14.5 psi, temperature 68 °F



With manual gearbox FTF ANSI B16.10

Trim X, all dimensions in mm, weights in kg																	
DN	ND	PN 10/16 ANSI 150				PN 10				PN 16				ANSI 150			
		A	B	F	M	L	Q	T	Gewicht	L	Q	T	Gewicht	L	Q	T	Gewicht
100	4"	662	169	F10	80	305	158	200	46	305	158	200	46	305	217	200	47
125	5"	690	192	F12	80	381	217	200	53	381	217	200	53	-	-	-	-
150	6"	703	213	F14	80	403	282	300	92	403	282	300	92	403	282	300	92
200	8"	740	250	F16	100	419	282	300	136	419	285	400	143	419	285	400	143
250	10"	779	287	F16	100	457	285	400	200	457	305	500	201	457	346	500	209
300	12"	805	316	F16	100	502	346	500	360	502	346	500	360	502	346	700	362
350	14"	825	342	F25	200	762	346	700	459	762	348	500	459	762	348	700	461
400	16"	885	392	F30	200	838	346	700	617	838	417	500	635	838	417	500	635
450	18"	905	409	F30	200	914	417	500	730	914	417	500	730	914	417	500	730
500	20"	940	450	F35	200	991	417	500	992	991	417	500	992	991	417	700	994
600	24"	1030	547	F35	200	1143	430	500	1625	1143	430	700	1627	1143	430	700	1627
700	28"	1130	652	F40	200	1346	491	500	2557	1346	491	500	2557	1346	491	500	2557
750	30"	1130	652	F40	200	1397	491	500	2598	1397	491	500	2598	1397	491	800	2601
800	32"	1200	722	F40	200	1524	491	800	3208	1524	491	800	3208	1524	491	800	3208
900	36"	1330	845	F48	200	1727	491	800	4538	1727	541	900	4628	1727	541	900	4628

Trim X, all dimensions in mm, weights in kg																	
DN	ND	PN 25/40 ANSI 300				PN 25				PN 40				ANSI 300			
		A	B	F	M	L	Q	T	Gewicht	L	Q	T	Gewicht	L	Q	T	Gewicht
100	4"	662	169	F10	80	305	217	200	47	305	217	200	47	305	217	200	47
125	5"	690	192	F12	80	381	217	200	53	381	278	200	71	-	-	-	-
150	6"	703	213	F14	80	403	270	300	98	403	311	300	106	403	#NV	#NV	-
200	8"	740	250	F16	100	419	326	400	151	419	305	500	144	419	305	700	146
250	10"	779	287	F16	100	457	346	500	209	457	348	500	211	457	348	500	211
300	12"	805	316	F16	100	502	346	700	362	502	348	500	362	502	417	500	377
350	14"	825	342	F25	200	762	348	700	461	762	417	500	477	762	417	700	479
400	16"	885	392	F30	200	838	417	500	635	838	417	700	637	838	430	700	647
450	18"	905	409	F30	200	914	417	500	730	914	417	700	732	914	430	700	742
500	20"	940	450	F35	200	991	417	700	994	991	430	700	1004	991	470	800	1021
600	24"	1030	547	F35	200	1143	470	800	1644	1143	470	800	1645	1143	470	800	1645
700	28"	1130	652	F40	200	1346	491	800	2560	1346	491	800	2560	1346	541	900	2648
750	30"	1130	652	F40	200	1397	491	800	2601	1397	491	800	2601	1397	541	900	2689
800	32"	1200	722	F40	200	1524	491	800	3208	1524	665	500	3273	1524	669	500	3279
900	36"	1330	845	F48	200	1727	665	500	4689	1727	669	500	4691	1727	734	700	4796

Subject to technical modifications