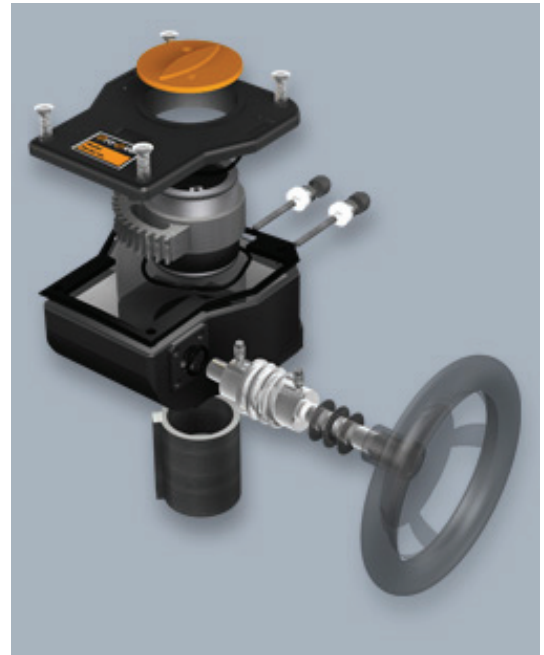


PRODUCT DATA

General Description	GEAR BOX The Wouter Witzel EuroValve quarter turn worm gearboxes are rugged, industrial grade products, manufactured with grey cast iron (JL 1040) housing and components. All models in this series feature high performance bearings and powder coated finish.
Application	The Q-series is suitable for all general industrial applications.
Performance	The usage of high grade of materials provide a tough, reliable unit. Service life according to EN 1074
Torque range	Up to 70.000 Nm
Flange size range	F05 up to F48
Stroke	-5° to 95°
Enclosure	IP68-3 according to EN 60 529
External corrosion protection	Powder coated, color RAL 9005
Temperature range	-25° to +110°C
Operating element	Steel welded handwheel

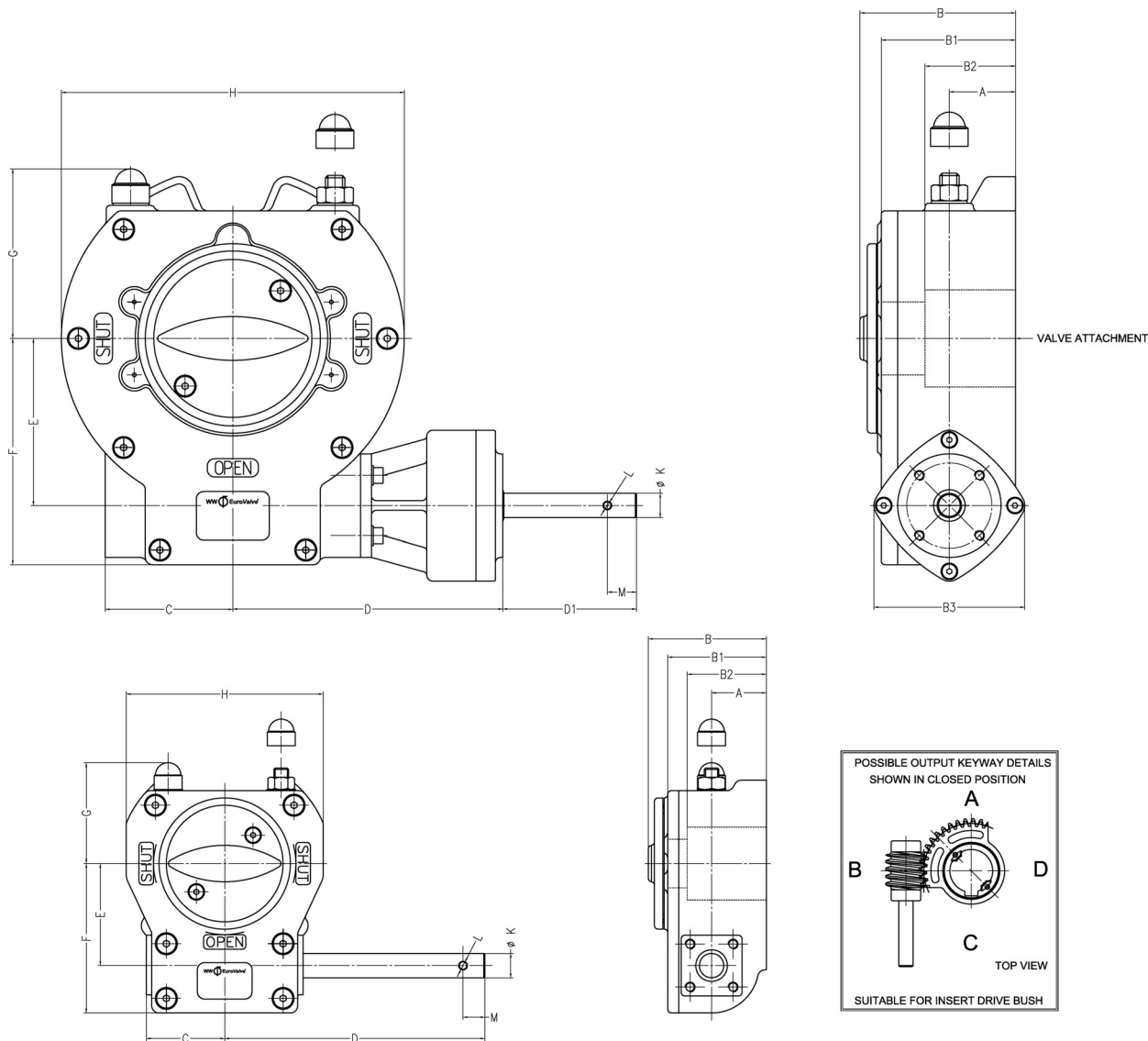
DESIGN FEATURES

Input shaft	Stainless steel AISI 303
Fasteners	Stainless steel A4/70
Flanges	Standardized according to ISO 5211
Bearings	Axial needle bearings
Gasket	NBR 70
Position indicator	O-ring sealed, steel indicator
Drive bush	Insert system for flexibility
Threaded holes	Blind tapped



RANGE										
Type	TtC	Torque [Nm]		Weight [Kg]	Valve attachment ISO 5211				Drive	
		Output	Input		Flange choice				Max. square [mm]	Max. bore [mm]
Q-200	10	200	17	2	F05-N	F07-N			14	24
Q-400	11	400	32	4	F07-N	F10-N			22	32
Q-800	10	800	60	8	F10-N	F12-N	F14-N		27	40
Q-1500	11	1500	123	14	F10-N	F12-N	F14-N		40	65
Q-2000	12	2000	131	15	F12-N	F14-N	F16-N		40	65
Q-3000	15	3000	167	25	F14-N	F16-N			40	65
Q-4000	18	4000	185	32	F16-N	F25-N			65	100
Q-5000	68	5000	105	30	F14-N	F16-N			40	65
Q-6500	68	6500	95	38	F16-N	F25-N			65	100
Q-12000	68	12000	169	57	F16-N	F25-N	F30-N		75	130
Q-16000	162	16000	120	63	F25-N	F30-N			75	130
Q-24000	180	24000	140	192	F25-N	F30-N	F35-N	F40-N	105	160
Q-32000	240	32000	140	195	F25-N	F30-N	F35-N	F40-N	105	160
Q-50000	240	50000	150	352	F35-N	F40-N	F48-N		140	210
Q-70000	320	70000	185	352	F35-N	F40-N	F48-N		140	210

DIMENSION TABLE WORM GEARBOX [mm]



Type	A	B	B1	B2	B3	C	D	D1	E	F	G	H	K	L	M
Q-200	28.5	64	52	30.5	-	35	118	-	43.5	67.5	45.7	84	12	4	15
Q-400	34	74.8	59	40	-	45.5	168	-	52.5	81.5	55	112	12	4	15
Q-800	42.5	90.5	75	45	-	55	213	-	68.8	115	72.5	135	15	5	15
Q-1500	45	97	81	61	-	64.5	214	-	84	123	83	156	20	6	18
Q-2000	50	100	85	61	-	75	226	-	96.5	144	91.5	180	20	6	18
Q-3000	48.5	117.5	101.5	61	-	100.5	255	-	117.5	163	114	250	20	6	24
Q-4000	54.5	128	110	83.5	-	105	300	-	137.5	186	140	282	20	6	24
Q-5000	48.5	117.5	101.5	61	-	100.5	217.5	-	117.5	163	114	250	20	6	24
Q-6500	54.5	128	110.5	83.5	124	105	222	110	137.5	186	140	282	20	6	24
Q-12000	63.5	135	118	101.5	124	136	253	110	180	240	156	376	20	6	24
Q-16000	63.5	135	118	101.5	166.5	136	351	77	180	240	156	376	25	8	20
Q-24000	85	188.5	168	101.5	166.5	175	365	77	252.5	335	201	510	25	8	20
Q-32000	85	188.5	168	101.5	166.5	175	365	77	252.5	335	201	510	25	8	20
Q-50000	138	262.5	237	-	266.5	270	502	110	291.5	396.5	306	612	25	8 ⁽¹⁾	45
Q-70000	138	262.5	237	-	266.5	270	502	110	291.5	396.5	306	612	25	8 ⁽¹⁾	45

⁽¹⁾ Input shaft provided with key according to DIN 6885
 B1 = max. stem length
 B2 = max. insert length