

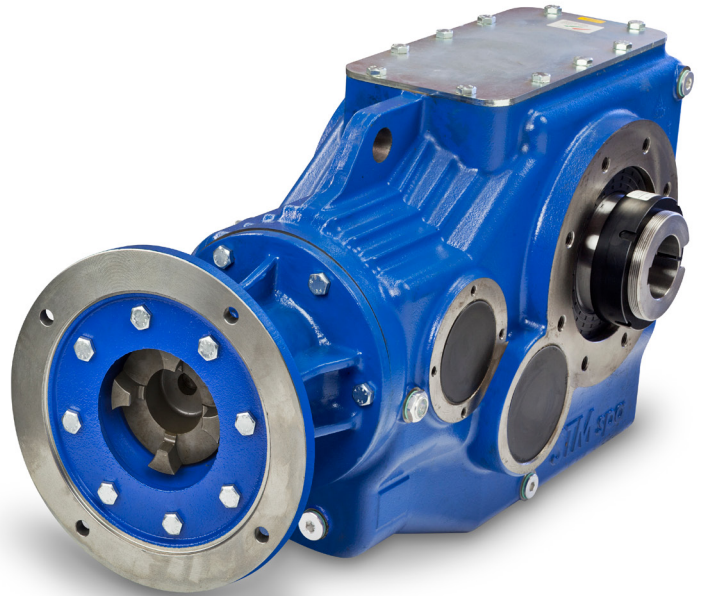
QL BEVEL HELICAL

The Quicklock Bevel Helical Gearbox has been especially designed to meet the modern Quarry Market and is packed full of innovative features, giving ease of maintenance and reliable service creating the

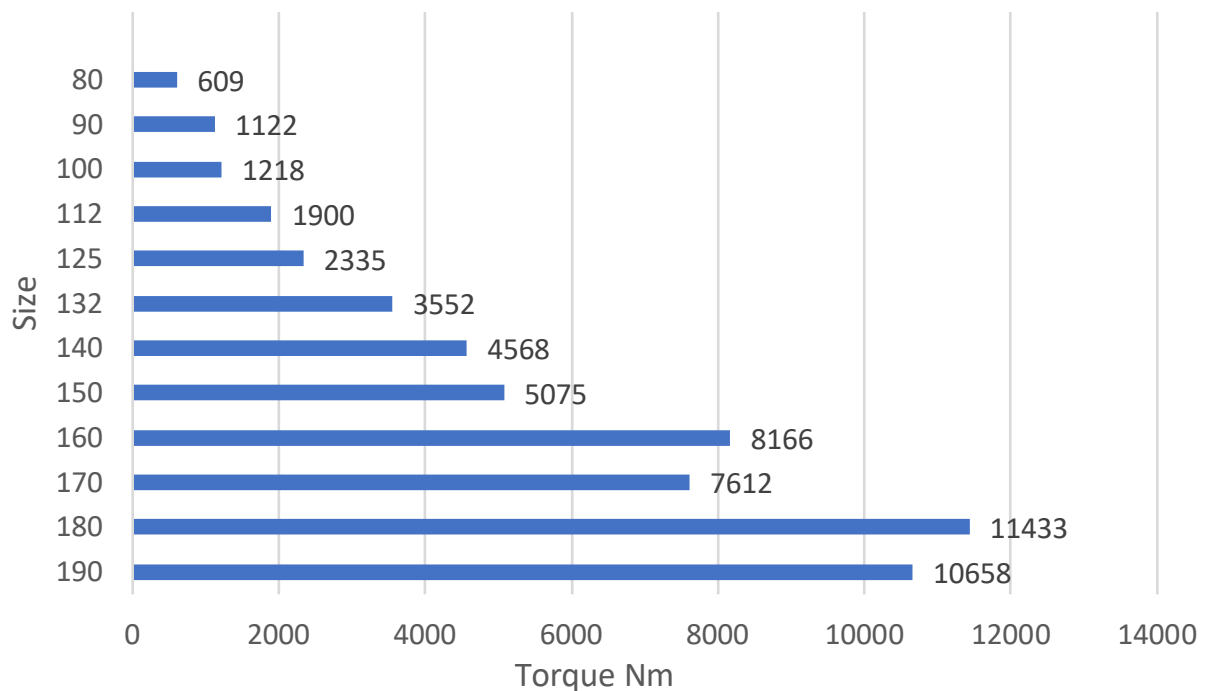
Ultimate Quarry Gearbox.

The Keyed Taper Bush Mounting system allows for fitment to a range of shaft sizes (even Imperial) for each gearbox series allowing greater flexibility and standardisation. This mounting feature also means the gearbox will not freeze to the shaft and can be removed for maintenance with ease.

The Anti Run Back is located under an external cover making servicing or direction change possible without gearbox disassembly.



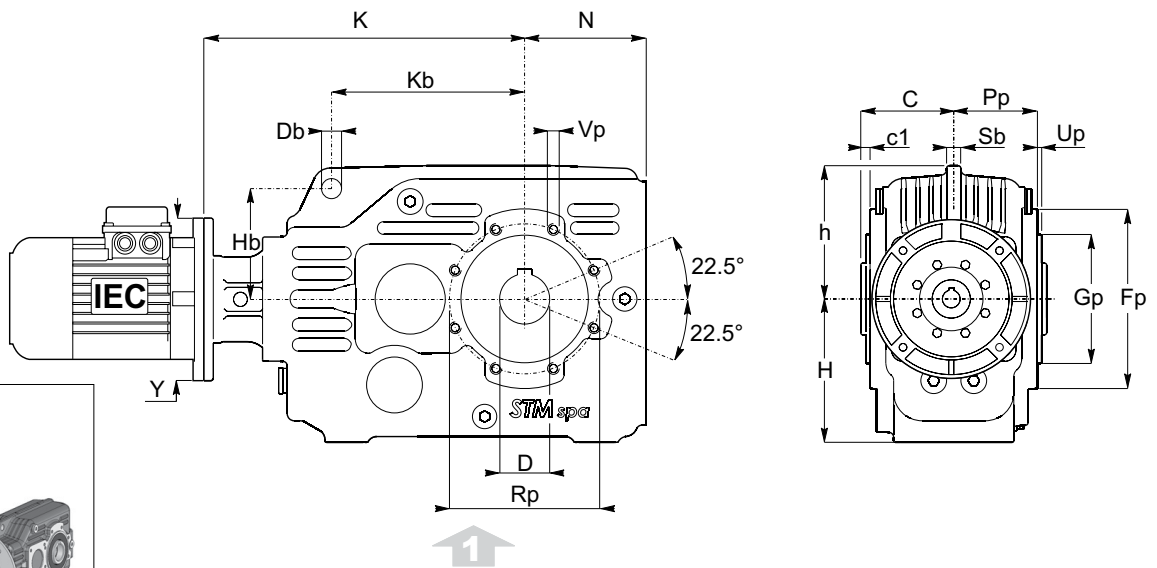
Maximum Output Torque



Bevel Helical QL

OMF

80-100
125-140



OM	af	a2f	bf	tf		C	c1	D H7	h	H	N		Db	Kb	Hb	Sb
80	175	125	64	M10		65	6,5	32 (30) (35)	93	100	85,5		13	135	77	10
100	230	159	73	M12		77,5	7,0	45 (40) (50)	113	120	105,5		13	170	95	13
125	300	210	88	M14		90	9,0	55 (50) (60)	140	145	140,5		16	215	118	15
140	390	270	130	M16		110	6,5	70 (60)	182	190	175,5		26	275	150	18

OM	Gp H7	Pp	Rp	Up	Vp		F		G F8	P	R	U	V	Z
80	90	58,5	105	3	M8		F1	200	130	100	165	4,5	11	11
100	110	70,5	125	3	M8		F1	250	180	125	215	5	13	14
125	135	81,0	150	3	M10		F1	300	230	150	265	5	15	16
140	170	103,5	200	4	M12		F1	350	250	180	300	6	17	25

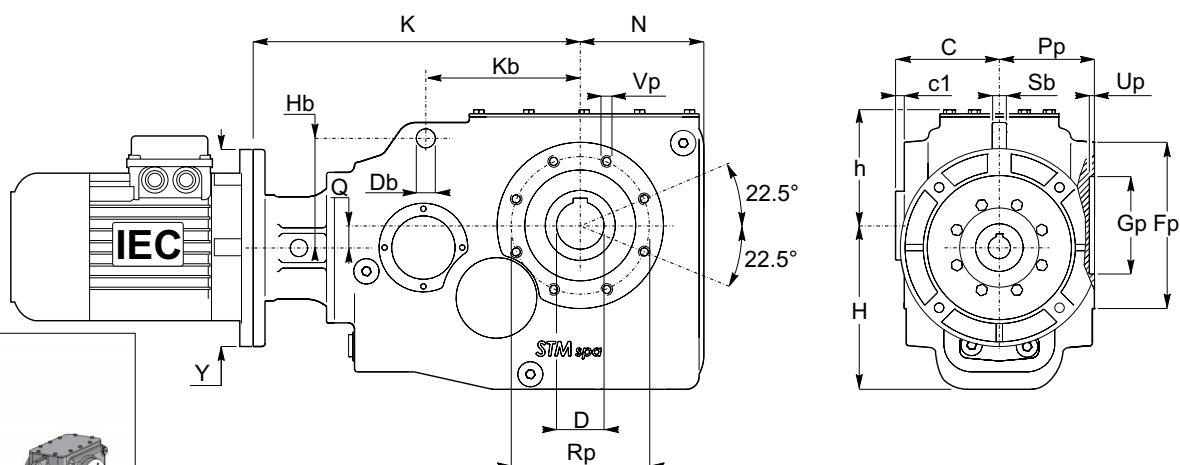
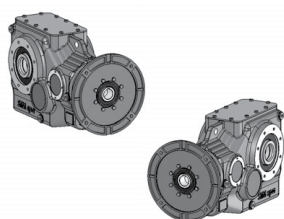
OM	IEC	Y	80 K	100 K	125 K	140 K
	71 B5	160	244	-	-	-
	80 B5	200	244	311	366	411
	80 B14	120		-	-	-
	90 B5	200	244	311	366	411
	90 B14	140		-	-	-
	100-112 B5	250	244	311	366	411
	100-112 B14	160		-	-	-
	132 B5	300		311	366	411
	132 B14	200				
	160 B5	350	-		405	469
	180 B5	350		-	405	469
	200 B5	400			-	474

For through bore measurement refer to the Quick Lock Dimension Adjustment

Bevel Helical QL

OMF

**132
150
170
190**



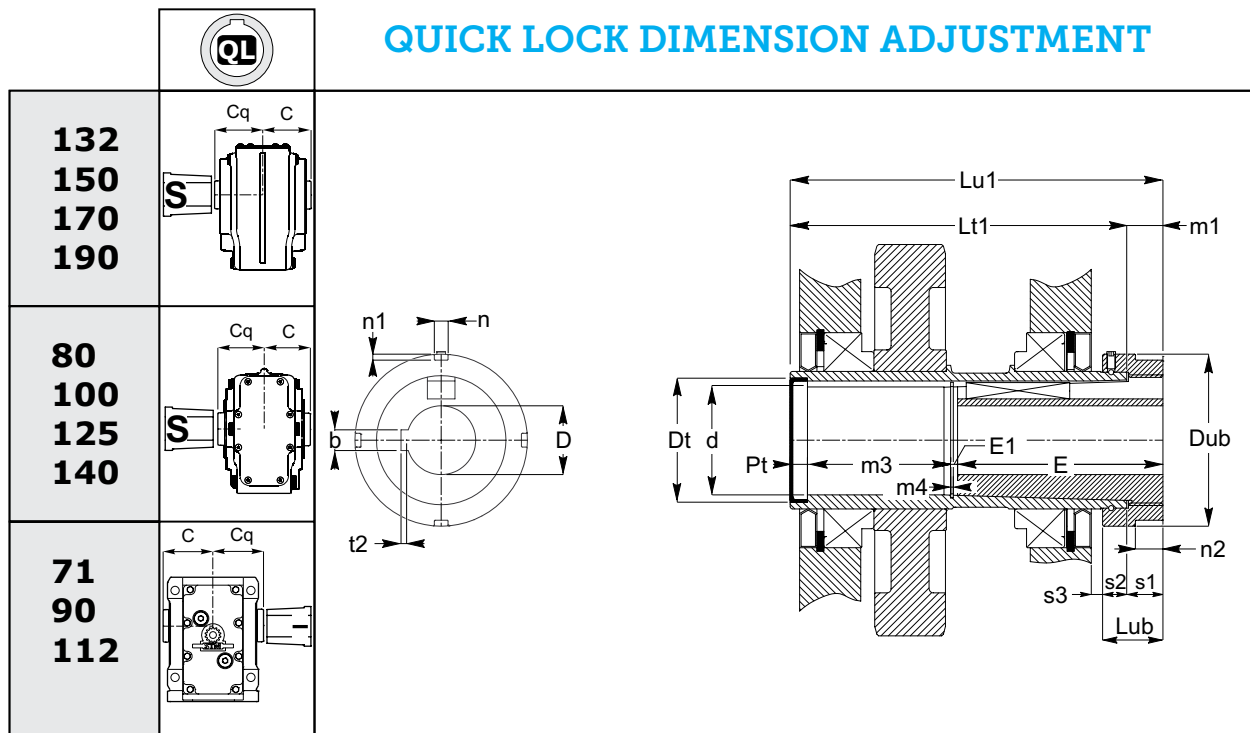
OM	a	A	a2	b	B	C	c1	D H7	f	h	H		N	Q	S		Db	Kb	Hb	Sb
											OMP	OMF								
132	240	290	75	190	228	121	1	60 (70)	22	147	212	207	156	28	23		24	195	138	18
150	270	325	90	210	255	137	4.5	70 (80)	22	170	245	240	183	30	27		26	220	155	22
170	315	375	110	240	280	151	6	90	22	188	275	270	210	35	30		32	240	175	25
190	355	425	125	270	320	170	5	100	26	208.5	315	308	236	38	35		38	276	155	30

OM	Gp H7	Fp	Pp	Rp	Up	Vp		F		G g6	P	R	U	V	Z
								F1							
132	140	210	120	175	7	N° 8 M12 x 24		F1	350	250	160	300	5	N° 8 φ 18	17
150	160	240	132.5	200	7	N° 8 M14 x 28		F1	400	300	174.5	350	5	N° 4 φ 18	18
								F2	450	350	174.5	400	5	N° 8 φ 19	18
170	180	275	145	225	7	N° 8 M16 x 32		F1	400	300	183.5	350	5	N° 4 φ 18	18
								F2	450	350	183.5	400	5	N° 8 φ 18	25
190	200	310	165	250	7	N° 8 M18 x 36		F1	550	450	221	500	5	N° 8 φ 18	25

OM	IEC B5	132		150		170		190	
		Y	K	Y	K	Y	K	Y	K
	90	200	413	-	-	-	-	-	-
	100-112	250	413	250	455	250	485	-	-
	132	300	413	300	453	300	484	300	527.5
	160-180	350	456	350	512	350	563	350	586.5
	200	-	-	400	517	400	568	400	591.5
	225	-	-	-	-	450	577	450	632.5
	250-280	-	-	-	-	-	-	550	632.5

For through bore measurement refer to the Quick Lock Dimension Adjustment

QUICK LOCK DIMENSION ADJUSTMENT



	71	80	90	100	112	125	132	140	150	170	190
C	75	65	90	77,5	105	90	121	110	137	151	170
Cq	111	101	126	113,5	141	126	157	146	173	187	206
d	35.2	35.2	49.2	49.2	54.2	60.2	70.2	69.2	80.2	90.2	100.2
dt	47	47	62	62	65	72	85	85	100	110	120
Dub	70	70	85	85	90	100	105	115	120	135	145
E	91	91	121	121	131	131	141	141	161	181	201
E1	3.5	3.5	3.5	3.5	3.5	3.5	4.2	4.2	4.2	4.2	5.2
Lt1	165	145	195	170	225	195	257	235	289	317	355
Lu1	186	166	216	191	246	216	278	256	310	338	376
Lub	35	35	35	35	35	35	35	35	35	35	35
m1	21	21	21	21	21	21	21	21	21	21	21
m3	84.5	64.5	83.5	58.5	101.5	71.5	120.8	98.8	132.8	140.8	157.8
m4	1.7	1.7	1.7	1.7	1.7	1.7	2.2	2.2	2.2	2.2	2.7
n2	15	15	15.5	15.5	15.5	16	16	16	17	17	17
s1	21	21	21	21	21	21	21	21	21	21	21
s2	14	14	14	14	14	14	14	14	14	14	14
s3	8	4.5	8	5	8.5	6.5	10	6	13	17	15

b	6 8 8	6 8 8	8 8 10 12 14	8 8 10 12 14	8 10 12 14 14	10 12 14 14 16	12 14 14 16 18	12 14 14 16 18	14 14 16 18 20 22	16 18 18 20 20 22 25	20 20 22 22 25
D H7	20 25 30	20 25 30	25 30 35 40 45	25 30 35 40 45	30 35 40 45 50	35 40 45 50 55	40 45 50 55 60	40 45 50 55 60	45 50 55 60 65 70	55 60 65 70 75 80	70 75 80 85 90
n	6	6	7	7	7	8	8	8	10	10	10
n1	2.5	2.5	3	3	3	3.5	3.5	3.5	4	4	4
t2	1,8 2,3 2,3	1,8 2,3 2,3	2,3 2,3 2,8 2,8 2,8	2,3 2,3 2,8 2,8 2,8	2,3 2,8 2,8 2,8 2,8	2,8 2,8 2,8 2,8 3,3	2,8 2,8 2,8 3,3 3,3	2,8 2,8 2,8 3,3 3,3	2,8 2,8 3,3 3,3 3,3 3,3	3,3 3,3 3,3 3,3 3,3 3,8	3,3 3,3 3,8 3,8 3,8