

- Bevel Helical at 3 stages with horizontal input
- Bevel Helical at 3 stages with vertical input

2 Input Features:

- Single input shaft
- Double extended input shaft (for parallel gears)
- Bell and Coupling (applicable directly to the single input shaft)

Output features:

- Hollow output shaft
- Single output shaft
- Double output shaft
- Output shaft with Taper Lock Device (left or right)
- Special output flange for extruders

Wide variety of accessories:

- Backstop device (to be assembled straight at customer's)
- Recycling pump for oil cooling (to be assembled straight at customer's)
- Cooling coil
- Output flange for attachment

HIGHLY PERFORMANT

- Maximum input power of 99 kW
- Maximum torque transmitted 8000 Nm
- Reduction ratios reaching to 341/1

RELIABLE

- Strengthened casing for heavy duty applications
- High resistant gears built in high quality steel
- Large proportioned bearings
- High quality sealing for improved leaking protection

**New gearboxes
bevel helical BH 56**

VERSATILE

- 2 features at input:
 - Single input shaft
 - Motor flange (PAM)
- Output features:
 - Hollow shaft
 - Single output shaft
 - Double output shaft
- Accessories:
 - Torque arm
 - Output flange for attachment
- Possibility to assemble Taper Roller Bearings at output

**HIGHLY PERFORMANT IN TERMS
OF REDUCED WEIGHT AND OVERALL DIMENSIONS**

- Maximum Power of 2.2 kW
- Maximum Torque transmitted 180 Nm
- Reduction ratio's reaching to 195/1
- Reduced Dimensions
- Aluminium Housing and covers

- Single input shaft

- Motor flange (PAM)

Output features:

- Hollow shaft
- Shaft with Taper Lock Device (left or right)

Accessories:

- Backstop device (to be assembled straight at customer's)
- Output flange for attachment

FLEXIBLE

Available in modular version (input and output) - easy to assemble, allowing flexibility in configuration and ratio's to be obtained.

HIGHLY PERFORMANT

- Maximum input power of 60 kW
- Maximum torque transmitted 8000 Nm
- Reduction ratio's reaching to 189/1

RELIABLE

- Strengthened casing for heavy duty applications
- High resistant gears built in high quality steel
- Large proportioned bearings
- High quality sealing for improved leaking protection



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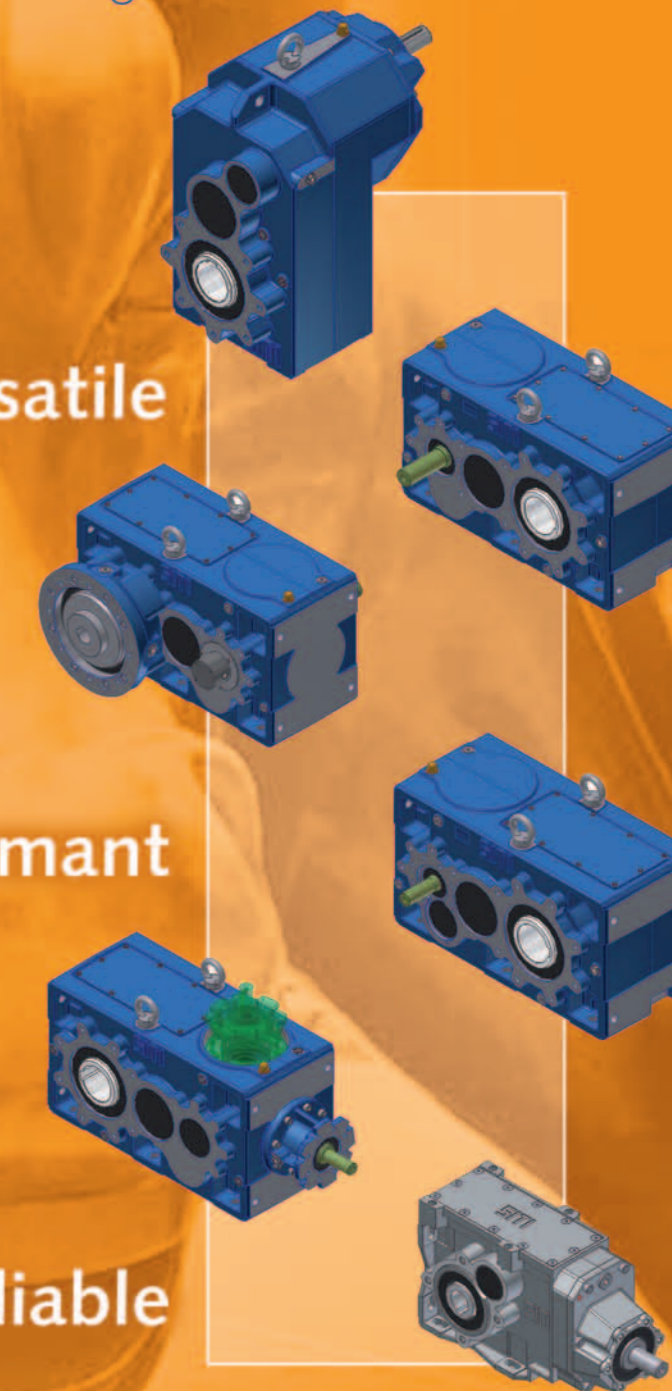


Versatile

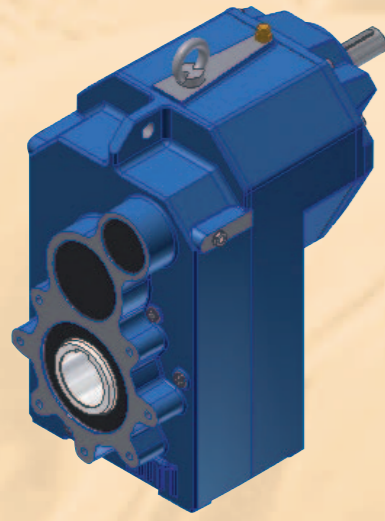
Highly performant

Reliable

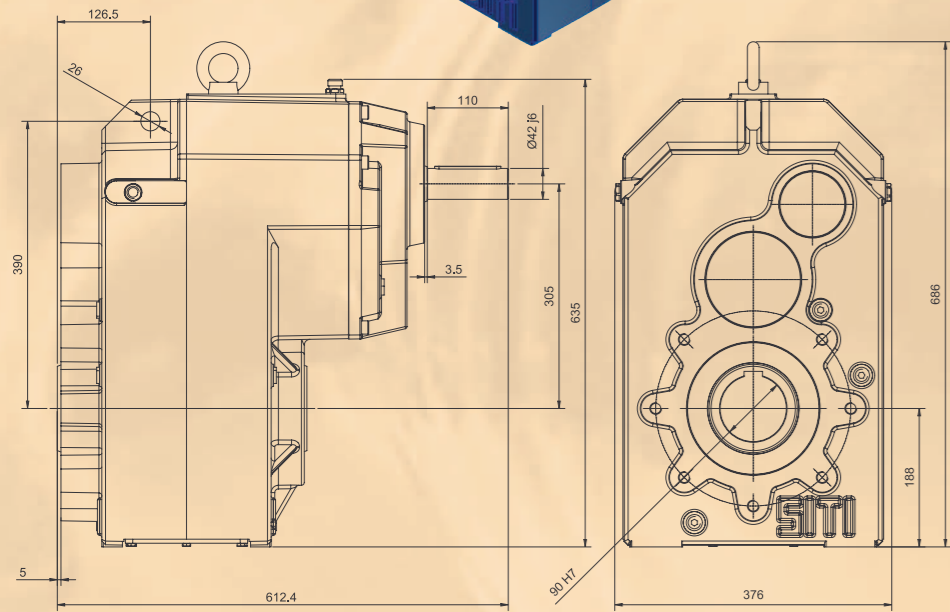
The new SITI range,
STRONG AS A BULL



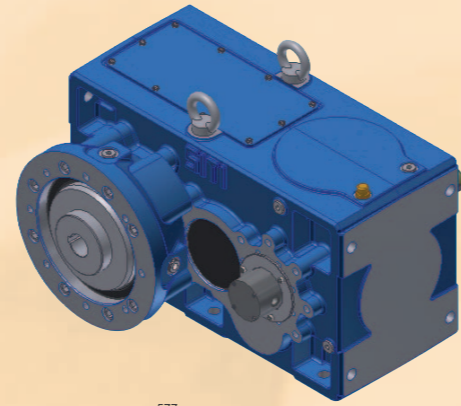
NPD 160



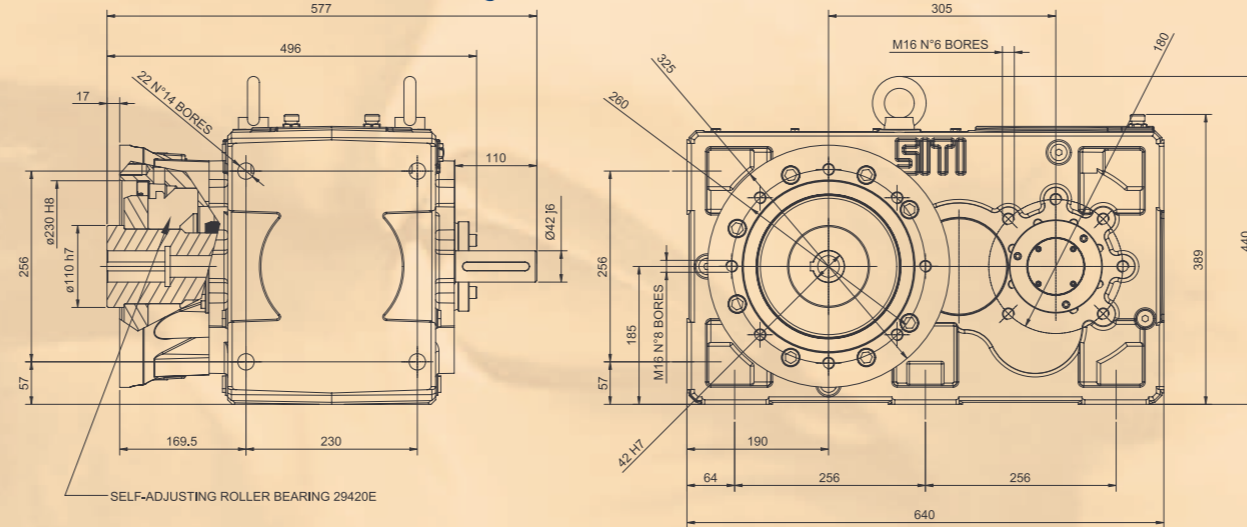
i tot.	n1	n2	M2 _{max}	kW _{max}	Hp _{max}
8,47	1400	165,3	3185	59,9	81,4
10,45		134,0	3925	59,9	81,4
12,20		114,7	4585	59,9	81,4
14,71		95,2	4445	48,1	65,4
17,07		82,0	6415	58,5	79,5
19,95		70,2	7490	58,5	79,5
24,04		58,2	7265	47,1	64,0
29,87		46,9	6835	35,6	48,4
33,59		41,7	7145	33,1	45,0
36,85		38,0	8000	33,8	46,0
41,43		33,8	8000	30,1	40,9
48,40		28,9	8000	25,7	35,0
51,89		27,0	8000	24,0	32,6
58,35		24,0	8000	21,4	29,0
69,34		20,2	8000	18,0	24,4
78,33		17,9	8000	15,9	21,6
84,11		16,6	8000	14,8	20,1
101,40		13,8	8000	12,3	16,7
114,55	12,2	8000	10,9	14,8	
132,34	10,6	8000	9,4	12,8	
146,40	9,6	8000	8,5	11,6	
165,40	8,5	8000	7,5	10,2	
189,14	7,4	8000	6,6	9,0	



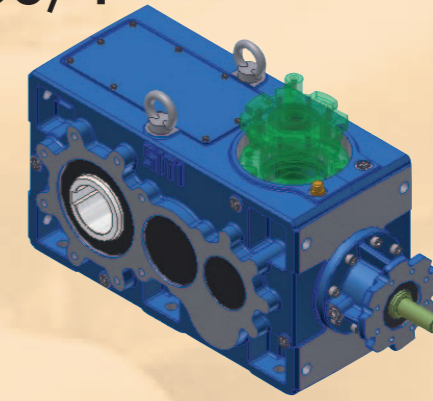
NPL 160/2 Extruder



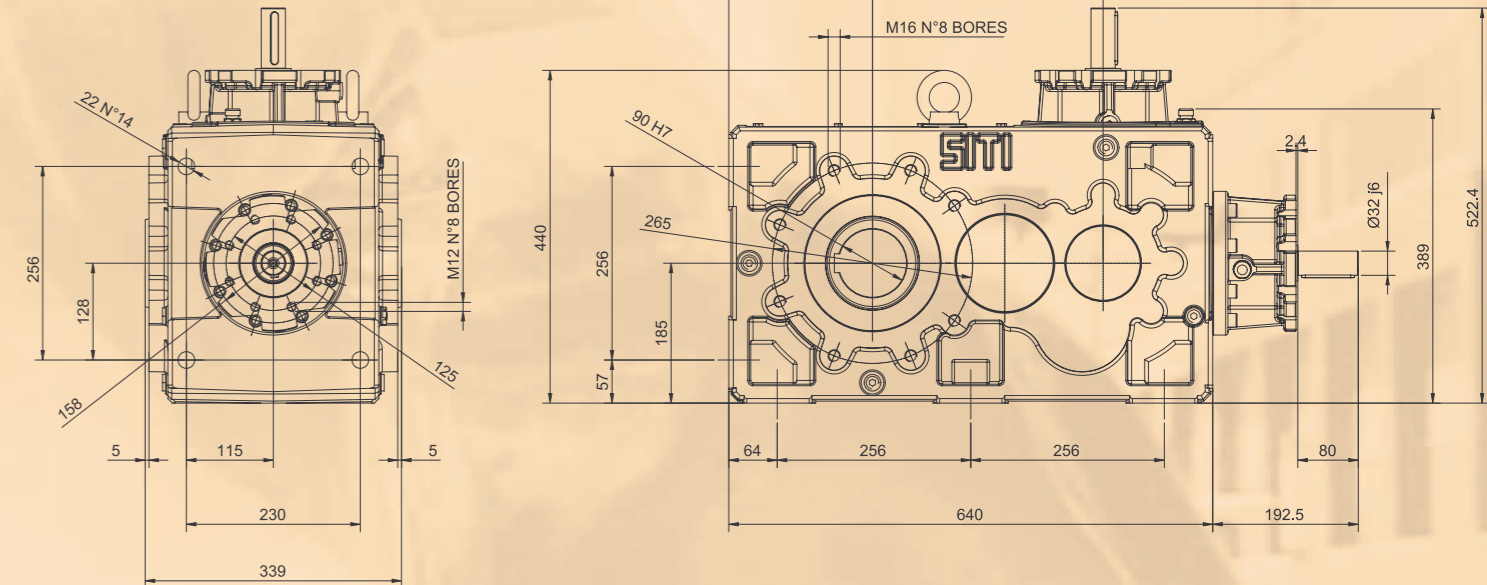
i tot.	n1	n2	M2 _{max}	kW _{max}	Hp _{max}
7,88	1400	177,7	5110	99,0	134,6
9,72		144,1	5025	78,9	107,3
12,88		108,7	7295	86,5	117,5
15,88		88,1	7425	71,4	97,0
18,55		75,5	7515	61,8	84,0
22,37		62,6	7620	52,0	70,7
25,58		54,7	6985	41,7	56,7
28,90		48,4	7050	37,2	50,6
31,95		43,8	7095	33,9	46,1



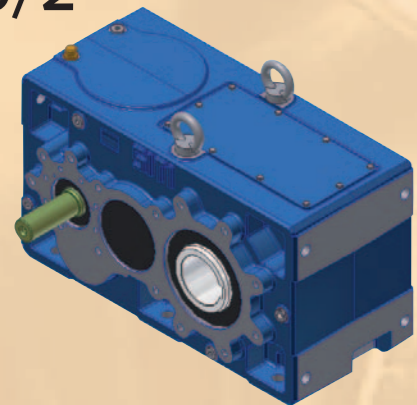
BH 160/4



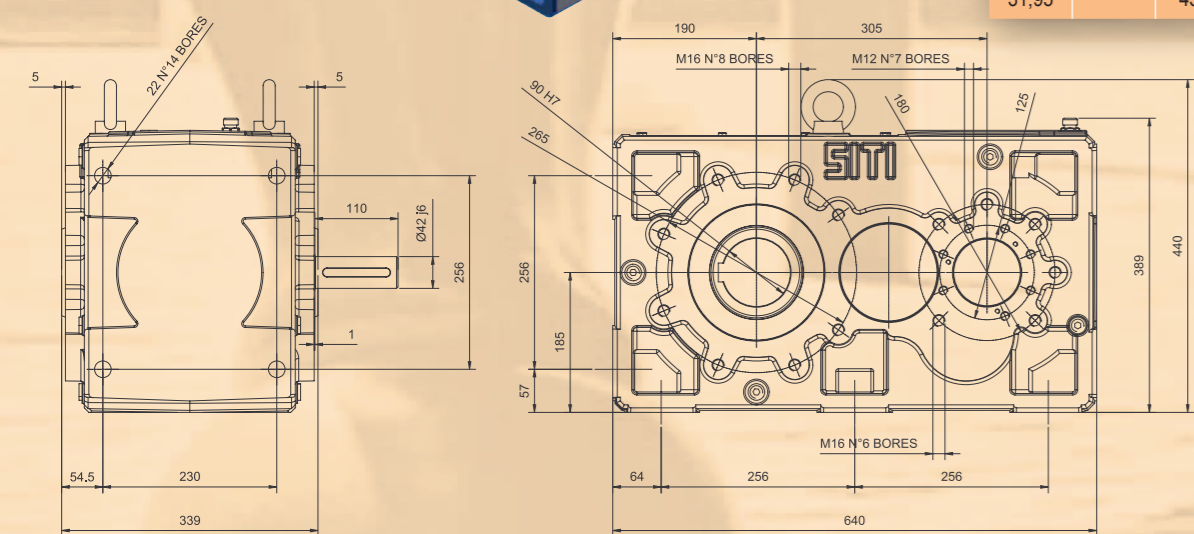
i tot.	n1	n2	M2 _{max}	kW _{max}	Hp _{max}
144,48	1400	9,7	7805	8,6	11,7
159,77		8,8	7855	7,8	10,6
185,54		7,5	6830	5,9	8,0
201,76		6,9	7445	5,9	8,0
212,17		6,6	7825	5,9	8,0
223,67		6,3	8250	5,9	8,0
255,77		5,5	8015	5,0	6,8
279,44		5,0	7650	4,4	5,9
288,96		4,8	8035	4,4	6,0
319,55		4,4	8060	4,0	5,5
341,17		4,1	6190	2,9	3,9



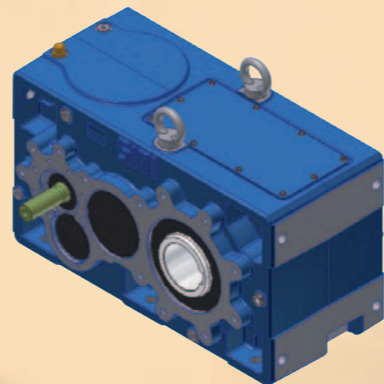
NPL 160/2



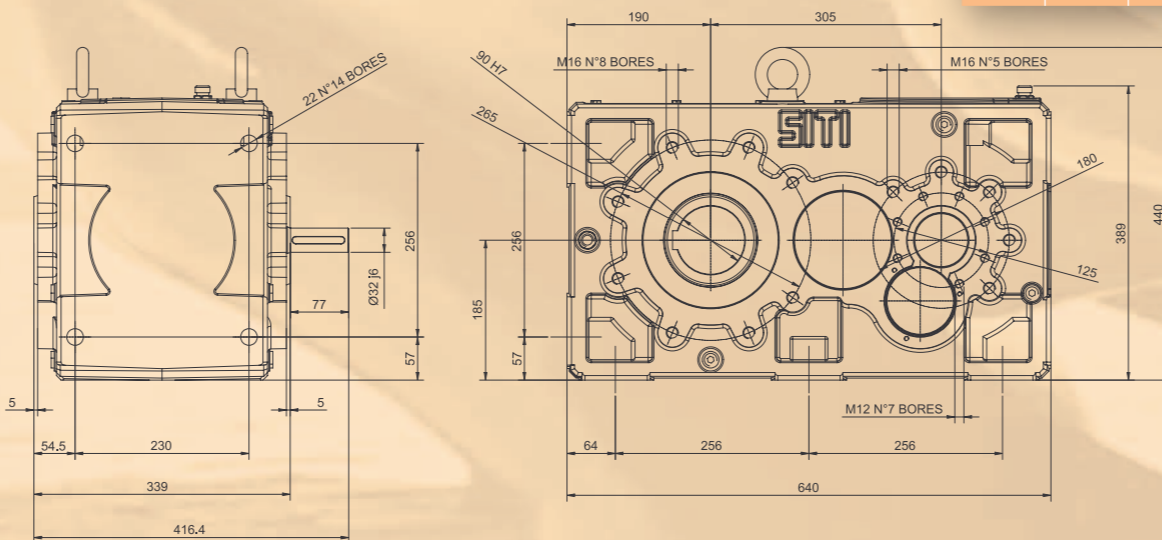
i tot.	n1	n2	M2 _{max}	kW _{max}	Hp _{max}
7,88	1400	177,7	5110	99,0	134,6
9,72		144,1	5025	78,9	107,3
12,88		108,7	7295	86,5	117,5
15,88		88,1	7425	71,4	97,0
18,55		75,5	7515	61,8	84,0
22,37		62,6	7620	52,0	70,7
25,58		54,7	6985	41,7	56,7
28,90		48,4	7050	37,2	50,6
31,95		43,8	7095	33,9	46,1



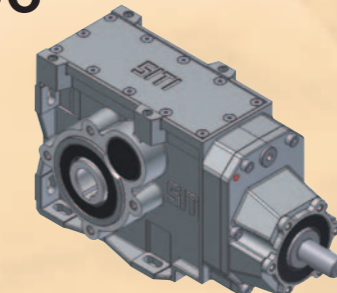
NPL 160/3



i tot.	n1	n2	M2 _{max}	kW _{max}	Hp _{max}
36,85	1400	38,0	7890	33,4	45,3
41,43		33,8	7955	29,9	40,6
48,40		28,9	8000	25,7	35,0
51,89		27,0	8000	24,0	32,6
58,35		24,0	8000	21,4	29,0
69,34		20,2	8000	18,0	24,4
78,33		17,9	8000	15,9	21,6
84,11		16,6	8000	14,8	20,1
114,55		12,2	8000	10,9	14,8
132,34		10,6	8000	9,4	12,8
146,40		9,6	8000	8,5	11,6
165,40		8,5	8000	7,5	10,2
189,14	7,4	8000	6,6	9,0	



BH 56



i tot.	n1	n2	M2 _{max}	kW _{max}	Hp _{max}
9,29	1400	150,7	130	2,23	3,03
12,00		116,6	140	1,86	2,53
15,66		89,4	140	1,42	1,94
20,24		69,2	150	1,18	1,61
24,36		57,5	150	0,98	1,33
29,65		47,2	150	0,81	1,10
36,06		38,8	150	0,66	0,90
43,12		32,5	150	0,55	0,75
51,85		27,0	150	0,46	0,63
66,82		21,0	150	0,36	0,49
68,22		20,5	150	0,35	0,48
76,87		18,2	150	0,31	0,42
89,28		15,7	150	0,27	0,36
93,19		15,0	170	0,29	0,40
111,44		12,6	170	0,24	0,33
125,56		11,2	170	0,22	0,29
150,99		9,3	175	0,18	0,25
173,68		8,1	175	0,16	0,22
195,68		7,2	180	0,15	0,20

