TECHNICAL DATASHEET

EXT – STAINLESS STEEL 316 TAKE-UP BEARING UNIT

Screw take-up housing for conveyor tensioning · AISI 316 stainless steel · Shaft sizes 30 mm – 100 mm

TECHNICAL SPECIFICATIONS

Specification	Description
Product	Stainless Steel 316 Take-Up Bearing Unit
Type	EXT
Mounting style	Screw take-up slide — shaft adjustment for conveyor belt tensioning
Shaft sizes	30 mm – 100 mm, including standard inch sizes
Load capacity	5× higher load capacity through self-aligning double row bearings
Sealing	Labyrinth seals — ideal for washdown in wet or harsh environments
Housing material	Stainless Steel 316 (AISI 316 / UNS S31600)
Construction	Heavy duty
Application	Industrial machinery
Configuration	Extreme Bearing Product Chooser
Target market	OEMs, Machine Builders & System Integrators

EXT TAKE-UP BEARING UNIT DIMENSIONS AND MOUNTING SPECIFICATIONS

HOUSING	A (MM)	B (MM)	C (MM)	H (MM)	H1 (MM)	J (MM)	L (MM)	L2 (MM)	M (MM)	T (I
030	12	26	48	114	89	124	70	32	20	6(
035	12	28	50	105	89	124	78	32	20	6:
040	16	28	51	115	102	136	88	34	24	6:
045	16	32	57	117	102	140	87	34	24	6(
050	16	34	60	117	102	149	90	38	27	7:
055	22	34	62	146	130	171	106	42	30	8(
060	22	36	66	146	130	186	118	42	30	7(
065	26	42	72	167	151	200	124	45	36	9:
080	28	48	89	184	165	274	182	94	39	1(
090	28	52	99	203	183	272	170	76	45	1:
100	28	59	114	240	215	280	180	68	45	1:

11 housing sizes · EXT

LOAD DIRECTIONS FOR THE EXT TAKE-UP BEARING UNIT

Take-up stainless steel bearing units are intended for loads acting vertically towards the base plate support. Therefore, if the bearing housing is supported over its entire base, loads are limited only by the load limits of the bearing insert. If loads acting in other directions occur or if the housing is not supported over its entire base area, check that the magnitude of the load is permissible for the bolt assembly attached to the machine frame.





