

EXF – STAINLESS STEEL 316 4-BOLT FLANGE HOUSING

4-bolt square flange housing · AISI 316 stainless steel · Shaft sizes 25 mm – 100 mm

TECHNICAL SPECIFICATIONS

Specification	Description
Product	Stainless Steel 316 4-Bolt Flange Housing
Type	EXF
Mounting style	4-bolt square flange
Shaft sizes	25 mm – 100 mm, including standard inch sizes
Special feature	Integrated tensioner stud for conveyor belt tensioning
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

EXF 4-BOLT FLANGE HOUSING DIMENSIONS AND MOUNTING SPECIFICATIONS

J is the bolt hole **pitch circle diameter** (mm) — the distance between opposing bolt centres, used when laying out the four mounting holes on the machine face.

HOUSING	B (MM)	C (MM)	H2 (MM)	J (MM)	L (MM)	L1 (MM)	N (MM)	T (MM)
025	25	44	12	70	95	95	12	54.6
030	26	48	12	85	108	108	12	60
035	28	50	12	92	118	118	12	61.1
040	28	51	12	101.5	130	130	14	62
045	32	57	12	105	137	137	16	69.6
050	34	60	12	111	143	148	18	73.6
055	34	62	14	120	162	162	18	80.6
060	36	66	14	143	175	175	18	79
065	42	42	20	152	197	197	23	91.5
070	46	77	20	152	193	193	23	104
075	47	87	24	165	208	208	23	104.5
080	48	84	23	165	208	208	23	104.5
090	52	92	22	187	235	235	23	122.5
100	59	106	29	210	265	265	27	127.7

14 housing sizes · EXF

LOAD DIRECTIONS FOR THE EXF 4-BOLT FLANGE HOUSING

4-hole flange mounted Extreme Bearing units are designed to handle radial loads and forces acting vertically toward the mounting surface. When radial loads are applied from other directions, the bolt connection to the machine frame becomes the limiting factor and must be checked to ensure the load remains within the permitted limits.

