



DOCUMENTATION SHEET

Conical Mountings

Type RD 214

RD 214

Direction	Vertical up	Vertical down	Radial
Displacement limiter clearance [mm]	4	4	3

CLEARANCE

Rubber Hardness [°Sh. A]	45	50	55	60	65	70
Max Marine load [kN]	52	57	65	71	81	97
Max Static load [kN]	62	67	77	84	97	115
Max Static vert. defl. [mm]	15	14,5	14	13,5	12,5	11,5

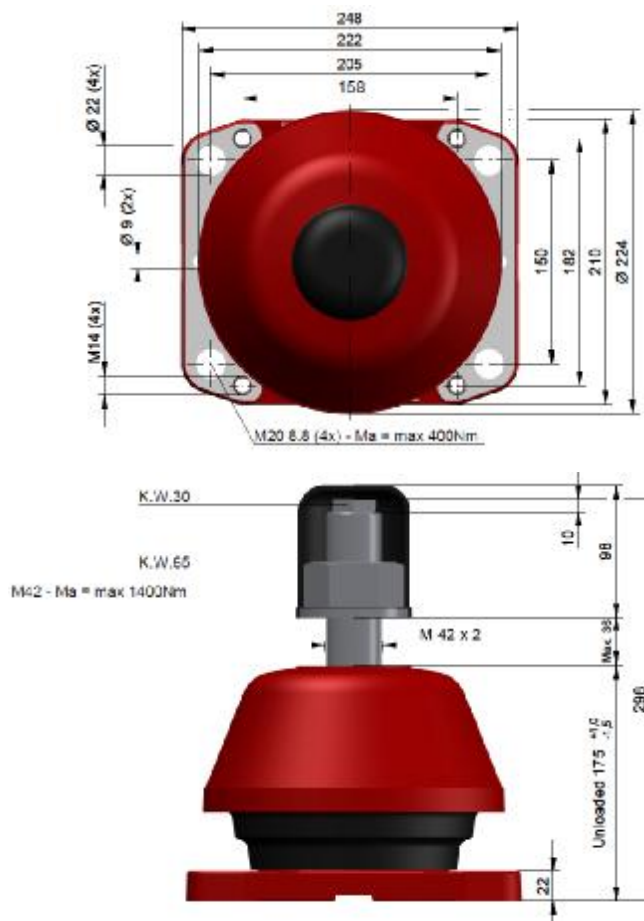
CHARACTERISTICS

Max Shockload 230 kN (all directions)

SHOCKLOAD



TYPE APPROVALS



DIMENSIONS





DOCUMENTATION SHEET

Conical Mountings
Type RD 214 height re-adjustable

RD 214

Height re-adjustable



Direction	Vertical up	Vertical down	Radial
Displacement limiter clearance [mm]	4	4	3

CLEARANCE

Rubber Hardness [°Sh. A]	45	50	55	60	65	70
Max Marine load [kN]	52	57	65	71	81	97
Max Static load [kN]	62	67	77	84	97	115
Max Static vert. defl. [mm]	15	14,5	14	13,5	12,5	11,5

CHARACTERISTICS

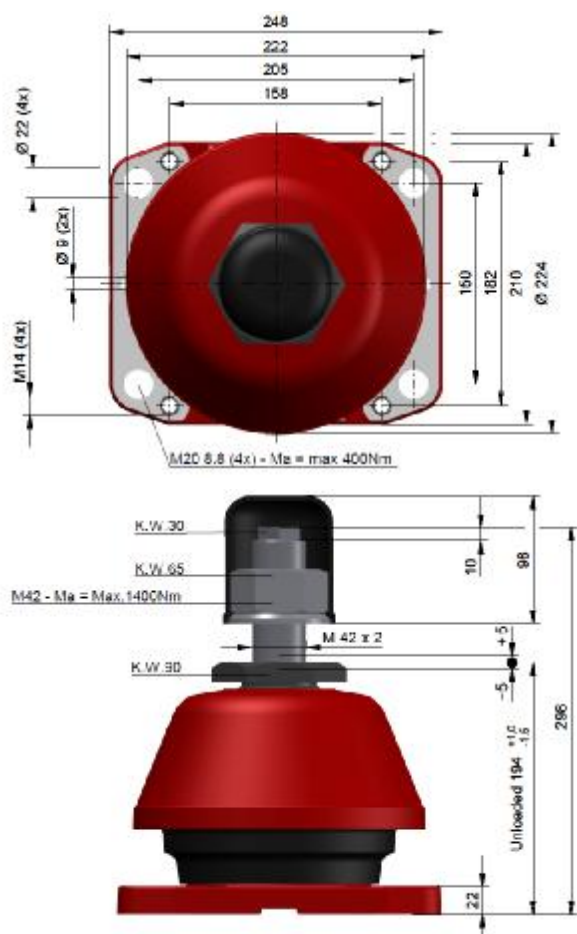
Shockload

Contact Rubber Design

SHOCKLOAD



TYPE APPROVALS



DIMENSIONS



DOCUMENTATION SHEET

Conical Mountings

Type RD 214X

RD 214X

Direction	Vertical up	Vertical down	Radial
Displacement limiter clearance [mm]	4	4	3

CLEARANCE

Rubber Hardness [°Sh. A]	45	50	55	60	65
Max Marine load [kN]	78	87	97	106	116
Max Static load [kN]	90	100	113	123	131
Max Static vert. defl. [mm]	14,5	14	13,5	13	12,5

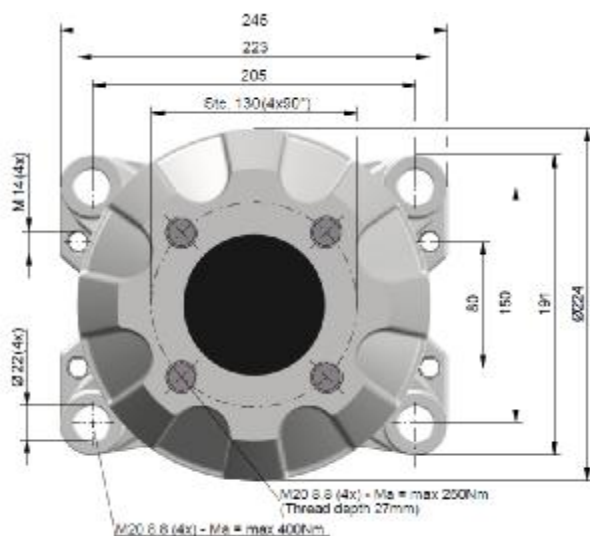
CHARACTERISTICS

Max Shockload 150 kN (all directions)

SHOCKLOAD



TYPE APPROVALS



DIMENSIONS





DOCUMENTATION SHEET

Conical Mountings

Type RD 214X

RD 214X

Direction	Vertical up	Vertical down	Radial
Displacement limiter clearance [mm]	4	4	3

CLEARANCE

Rubber Hardness [°Sh. A]	45	50	55	60	65
Max Marine load [kN]	78	87	97	106	116
Max Static load [kN]	90	100	113	123	131
Max Static vert. defl. [mm]	14,5	14	13,5	13	12,5

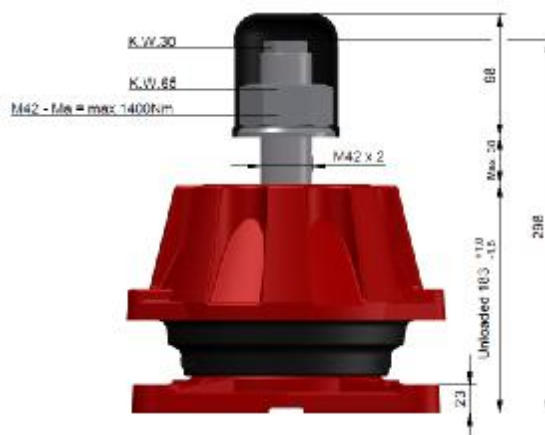
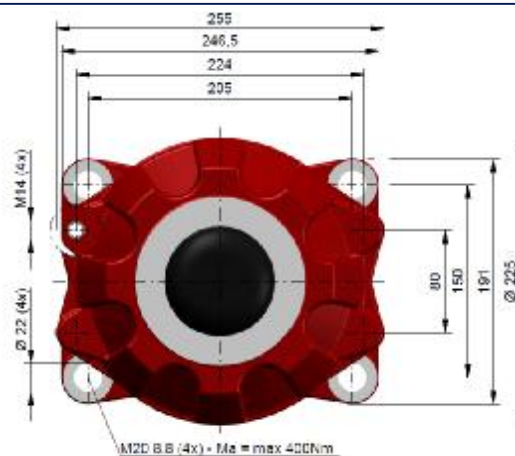
CHARACTERISTICS

Max Shockload 230 kN (all directions)

SHOCKLOAD



TYPE APPROVALS



DIMENSIONS





Type RD 214X

CLEARANCE

CHARACTERISTICS

SHOCKLOAD





DOCUMENTATION SHEET

Conical Mountings

Type RD 215

RD 215

Direction	Vertical up	Vertical down	Radial
Displacement limiter clearance [mm]	4	4	3

CLEARANCE

Rubber Hardness [°Sh. A]	45	50	55	60	65
Max Marine load [kN]	25	30	37	43	51
Max Static load [kN]	28	35	43	49	58
Max Static vert. defl. [mm]	16,2	15,8	15,3	15,0	14,4

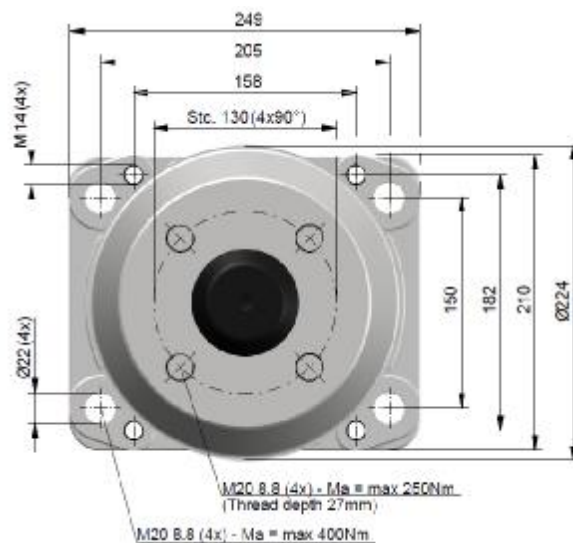
CHARACTERISTICS

Max Shockload 150 kN (all directions)

SHOCKLOAD



TYPE APPROVALS



DIMENSIONS





Type RD 215

CLEARANCE

CHARACTERISTICS

Contact Rubber Design

SHOCKLOAD



TYPE APPROVALS





Type RD 215

CLEARANCE

CHARACTERISTICS

SHOCKLOAD





DOCUMENTATION SHEET

Conical Mountings

Type RD 215

RD 215

Height re-adjustable



Direction	Vertical up	Vertical down	Radial
Displacement limiter clearance [mm]	4	4	3

CLEARANCE

Rubber Hardness [°Sh. A]	45	50	55	60	65
Max Marine load [kN]	25	30	37	43	51
Max Static load [kN]	28	35	43	49	58
Max Static vert. defl. [mm]	16,2	15,8	15,3	15,0	14,4

CHARACTERISTICS

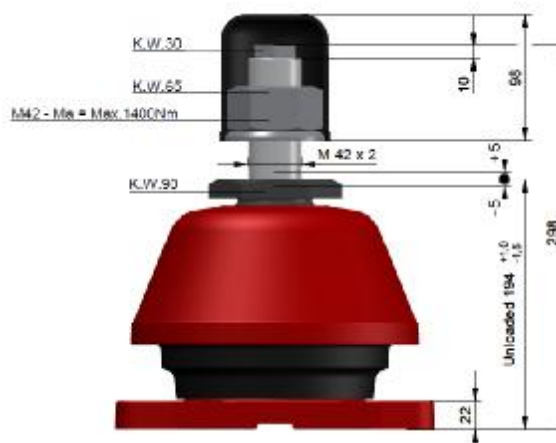
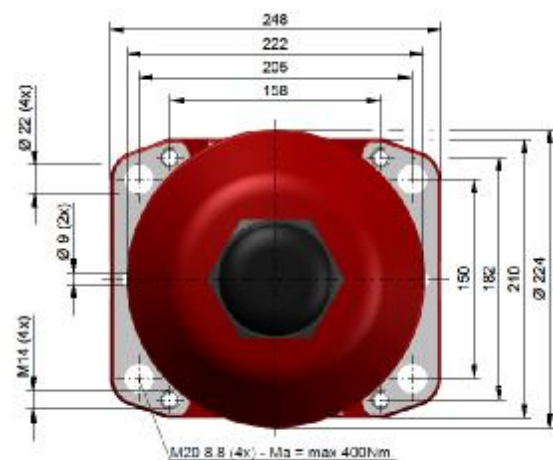
Max Shockload

Contact Rubber Design

SHOCKLOAD



TYPE APPROVALS



DIMENSIONS



DOCUMENTATION SHEET

Conical Mountings

Type RD 244

RD 244

Direction	Vertical up	Vertical down	Radial
Displacement limiter clearance [mm]	4	4	3

CLEARANCE

Rubber Hardness [°Sh. A]	45	50	55	60	65
Max Marine load [kN]	25	30	36	42	48
Max Static load [kN]	29	34	42	45	53
Max Static vert. defl. [mm]	14	13,5	13	12,2	11,5

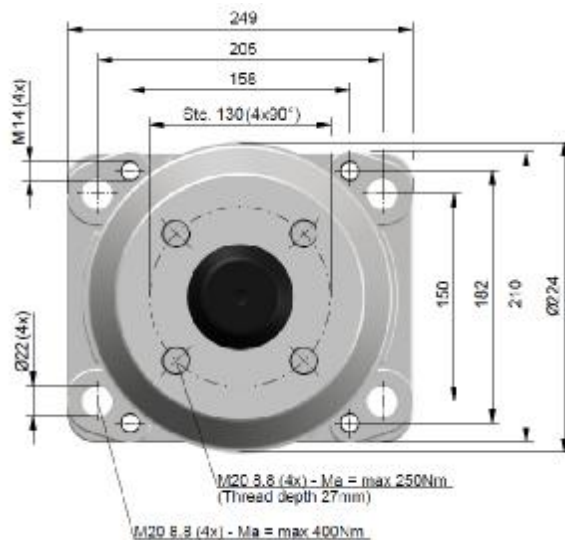
CHARACTERISTICS

Max Shockload 150 kN (all directions)

SHOCKLOAD



TYPE APPROVALS



DIMENSIONS





DOCUMENTATION SHEET

Conical Mountings

Type RD 244

RD 244

Height re-adjustable

Direction	Vertical up	Vertical down	Radial
Displacement limiter clearance [mm]	4	4	3

CLEARANCE

Rubber Hardness [°Sh. A]	45	50	55	60	65
Max Marine load [kN]	25	30	36	42	48
Max Static load [kN]	29	34	42	45	53
Max Static vert. defl. [mm]	14	13,5	13	12,2	11,5

CHARACTERISTICS

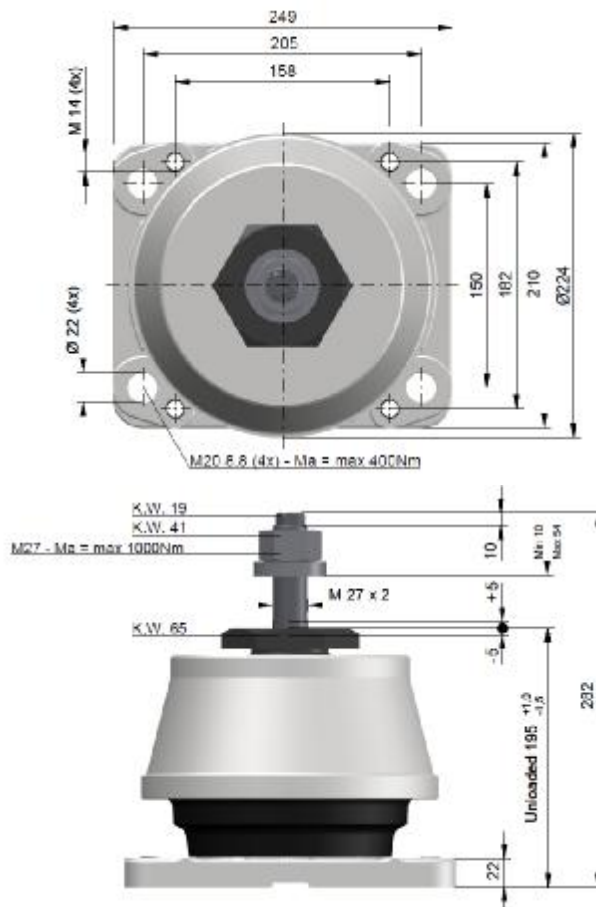
Max Shockload

Contact Rubber Design

SHOCKLOAD



TYPE APPROVALS



DIMENSIONS





DOCUMENTATION SHEET

Conical Mountings

Type RD 244

RD 244

Direction	Vertical up	Vertical down	Radial
Displacement limiter clearance [mm]	4	4	3

CLEARANCE

Rubber Hardness [°Sh. A]	45	50	55	60	65
Max Marine load [kN]	25	30	36	42	48
Max Static load [kN]	29	34	42	45	53
Max Static vert. defl. [mm]	14	13,5	13	12,2	11,5

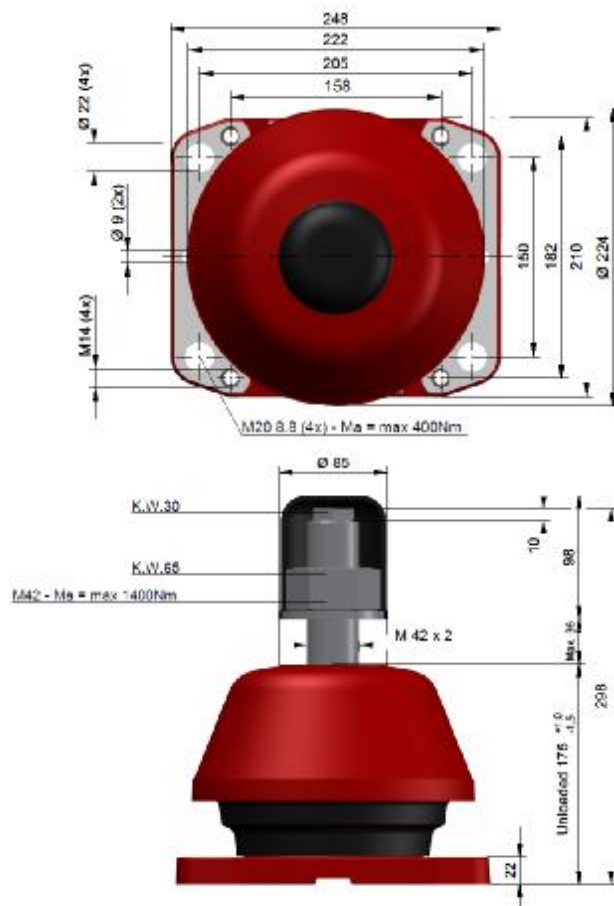
CHARACTERISTICS

Max Shockload 230 kN (all directions)

SHOCKLOAD



TYPE APPROVALS



DIMENSIONS





Type RD 244

CLEARANCE

CHARACTERISTICS

SHOCKLOAD



TYPE APPROVALS





DOCUMENTATION SHEET

Conical Mountings

Type RD 314

RD 314

Direction	Vertical up	Vertical down	Radial
Displacement limiter clearance [mm]	4	4	3

CLEARANCE

Rubber Hardness [°Sh. A]	45	50	55	60	65
Max Marine load [kN]	29	36	43	48	54
Max Static load [kN]	33	41	50	56	63
Max Static vert. defl. [mm]	12,2	11,6	11	10,5	9,8

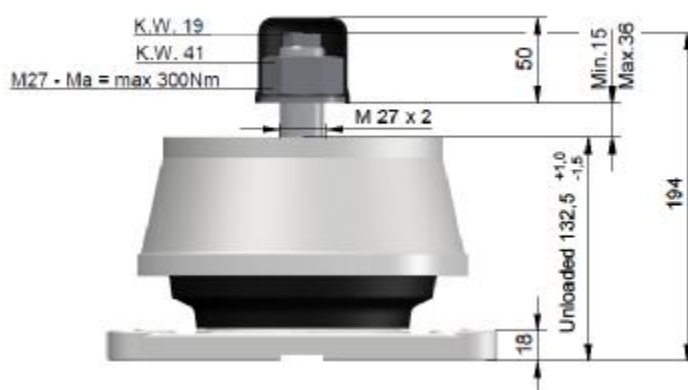
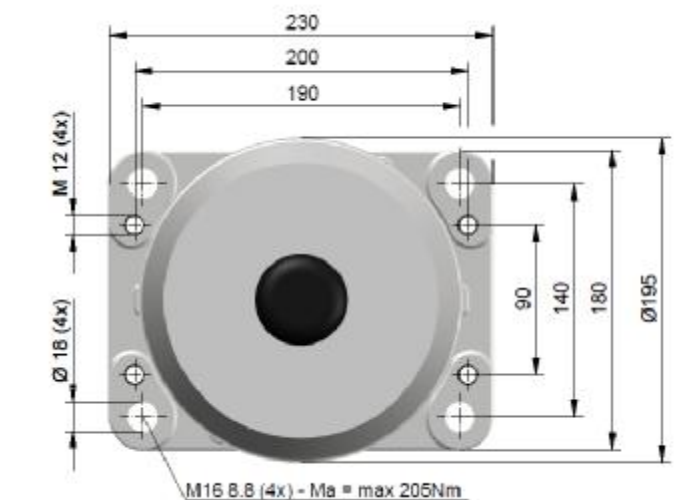
CHARACTERISTICS

Max Shockload 70 kN (all directions)

SHOCKLOAD



TYPE APPROVALS



DIMENSIONS





DOCUMENTATION SHEET

Conical Mountings

Type RD 314 height re-adjustable

RD 314

Height re-adjustable

Direction	Vertical up	Vertical down	Radial
Displacement limiter clearance [mm]	4	4	3

CLEARANCE

Rubber Hardness [°Sh. A]	45	50	55	60	65
Max Marine load [kN]	29	36	43	48	54
Max Static load [kN]	33	41	50	56	63
Max Static vert. defl. [mm]	14	13,5	13	12,2	11,5

CHARACTERISTICS

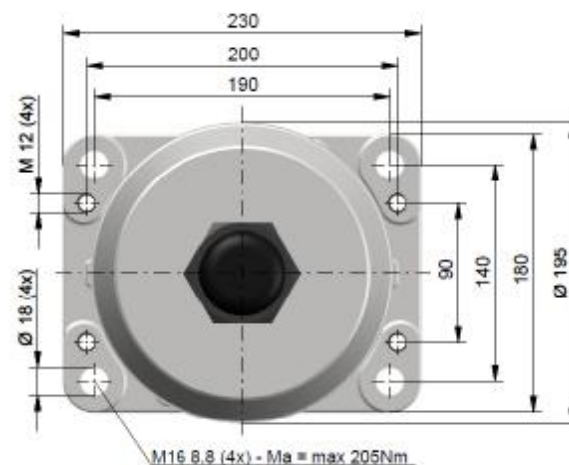
Max Shockload

Contact Rubber Design

SHOCKLOAD



TYPE APPROVALS



DIMENSIONS





DOCUMENTATION SHEET

Conical Mountings

Type RD 314

RD 314

Direction	Vertical up	Vertical down	Radial
Displacement limiter clearance [mm]	4	4	3

CLEARANCE

Rubber Hardness [°Sh. A]	45	50	55	60	65
Max Marine load [kN]	29	36	43	48	54
Max Static load [kN]	33	41	50	56	63
Max Static vert. defl. [mm]	12,2	11,6	11	10,5	9,8

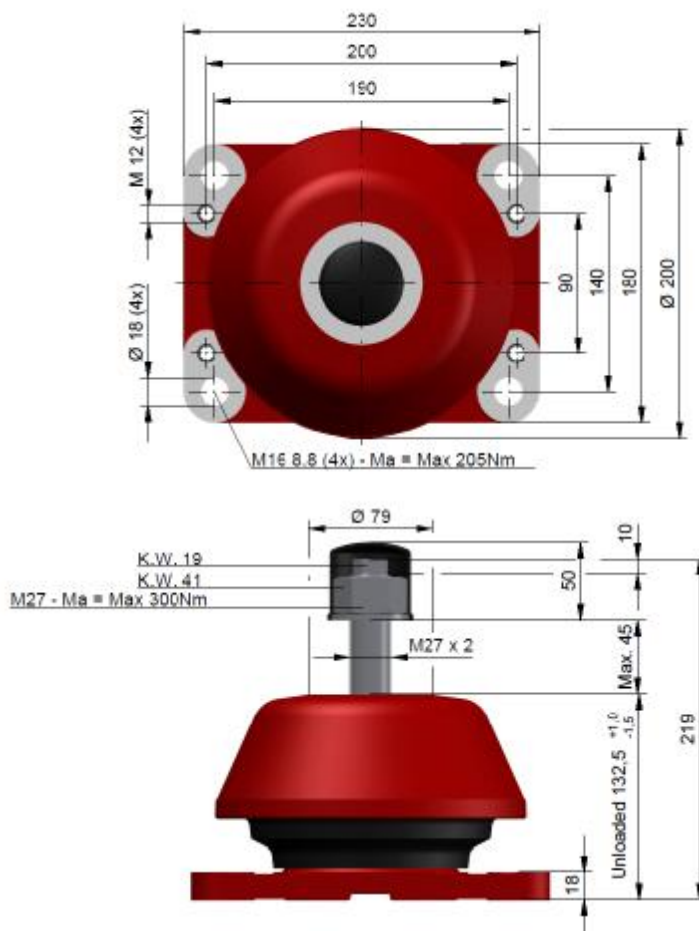
CHARACTERISTICS

Max Shockload 160 kN (all directions)

SHOCKLOAD



TYPE APPROVALS



DIMENSIONS





DOCUMENTATION SHEET

Conical Mountings

Type RD 314 height re-adjustable

RD 314

Height re-adjustable



Direction	Vertical up	Vertical down	Radial
Displacement limiter clearance [mm]	4	4	3

CLEARANCE

Rubber Hardness [°Sh. A]	45	50	55	60	65
Max Marine load [kN]	29	36	43	48	54
Max Static load [kN]	33	41	50	56	63
Max Static vert. defl. [mm]	12,2	11,6	11	10,5	9,8

CHARACTERISTICS

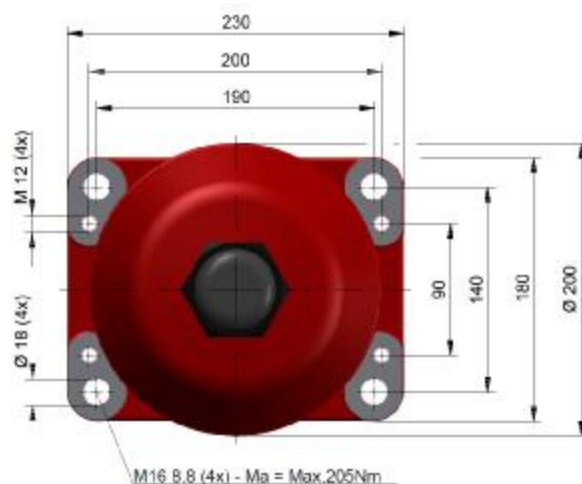
Max Shockload

Contact Rubber Design

SHOCKLOAD



TYPE APPROVALS



DIMENSIONS



DOCUMENTATION SHEET

Conical Mountings

Type RD 315

RD 315

Direction	Vertical up	Vertical down	Radial
Displacement limiter clearance [mm]	4	4	3

CLEARANCE

Rubber Hardness [°Sh. A]	45	50	55	60	65
Max Marine load [kN]	16	20	26	30	33
Max Static load [kN]	18	22	30	35	39
Max Static vert. defl. [mm]	14,5	14,2	14	13,6	13

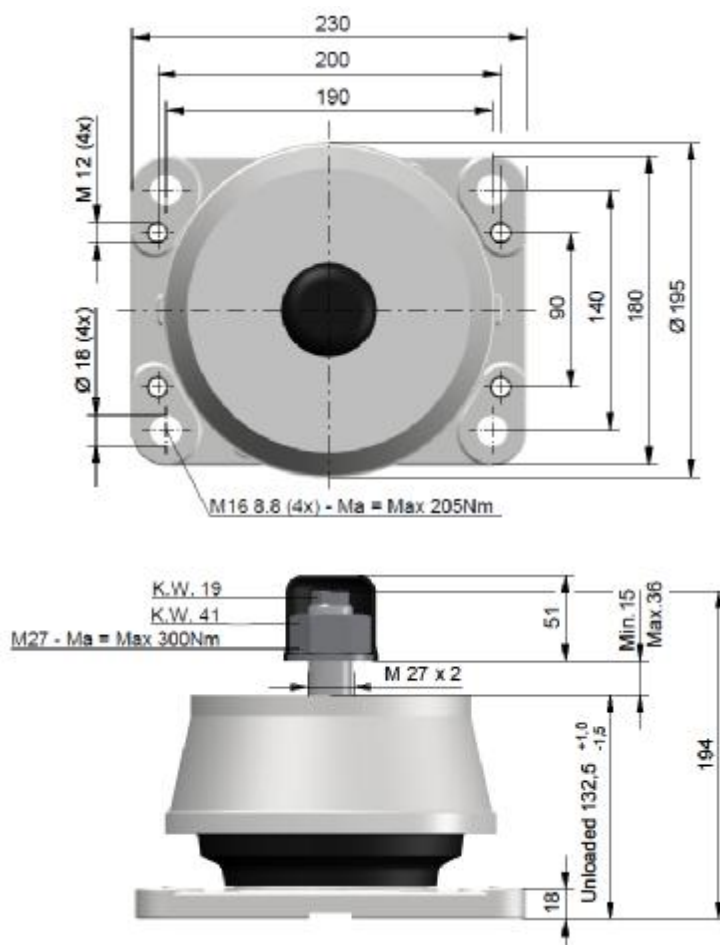
CHARACTERISTICS

Max Shockload 70 kN (all directions)

SHOCKLOAD



TYPE APPROVALS



DIMENSIONS





DOCUMENTATION SHEET

Conical Mountings

Type RD 315

RD 315

Height re-adjustable



Direction	Vertical up	Vertical down	Radial
Displacement limiter clearance [mm]	4	4	3

CLEARANCE

Rubber Hardness [°Sh. A]	45	50	55	60	65
Max Marine load [kN]	16	20	26	30	33
Max Static load [kN]	18	22	30	35	39
Max Static vert. defl. [mm]	14,5	14,2	14	13,6	13

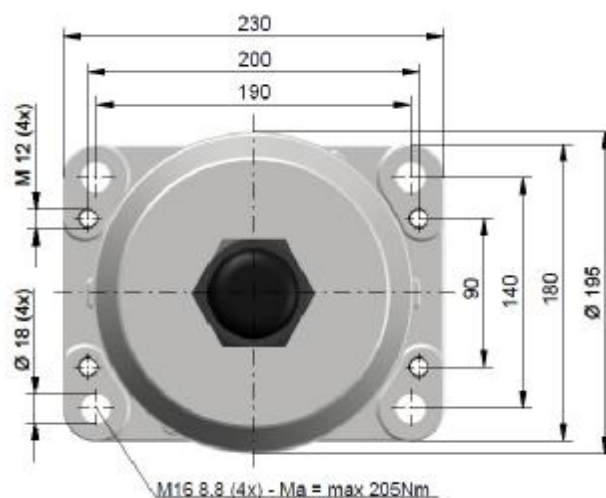
CHARACTERISTICS

Max Shockload 70 kN (all directions)

SHOCKLOAD



TYPE APPROVALS



DIMENSIONS



DOCUMENTATION SHEET

Conical Mountings

Type RD 315

RD 315

Direction	Vertical up	Vertical down	Radial
Displacement limiter clearance [mm]	4	4	3

CLEARANCE

Rubber Hardness [°Sh. A]	45	50	55	60	65
Max Marine load [kN]	16	20	26	30	33
Max Static load [kN]	18	22	30	35	39
Max Static vert. defl. [mm]	14,5	14,2	14	13,6	13

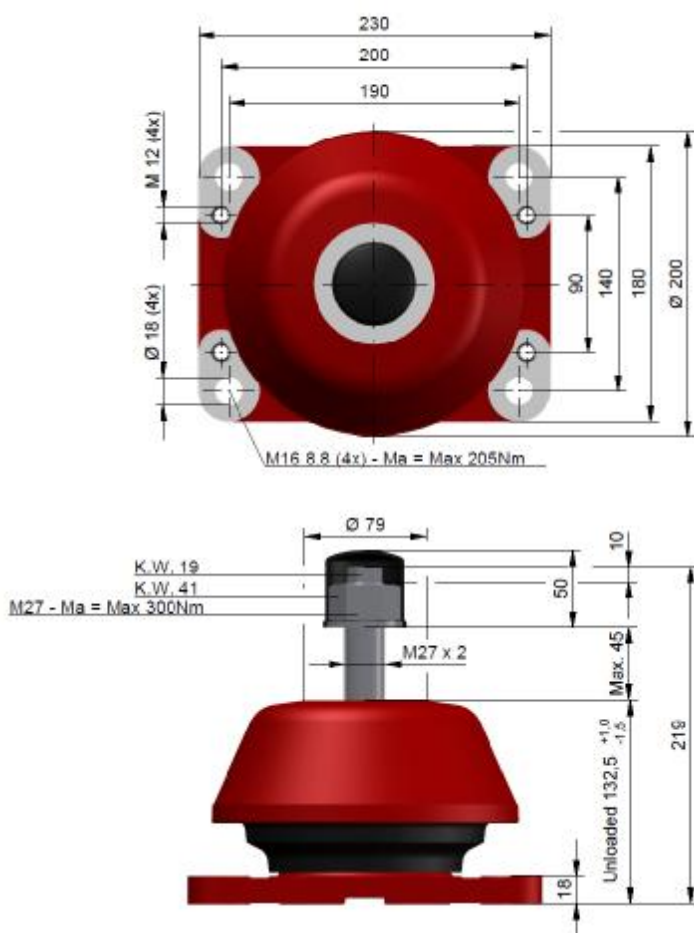
CHARACTERISTICS

Max Shockload 160 kN (all directions)

SHOCKLOAD



TYPE APPROVALS



DIMENSIONS





DOCUMENTATION SHEET

Conical Mountings

Type RD 315

RD 315

Height re-adjustable



Direction	Vertical up	Vertical down	Radial
Displacement limiter clearance [mm]	4	4	3

CLEARANCE

Rubber Hardness [*Sh. A]	45	50	55	60	65
Max Marine load [kN]	16	20	26	30	33
Max Static load [kN]	18	22	30	35	39
Max Static vert. defl. [mm]	14,5	14,2	14	13,6	13

CHARACTERISTICS

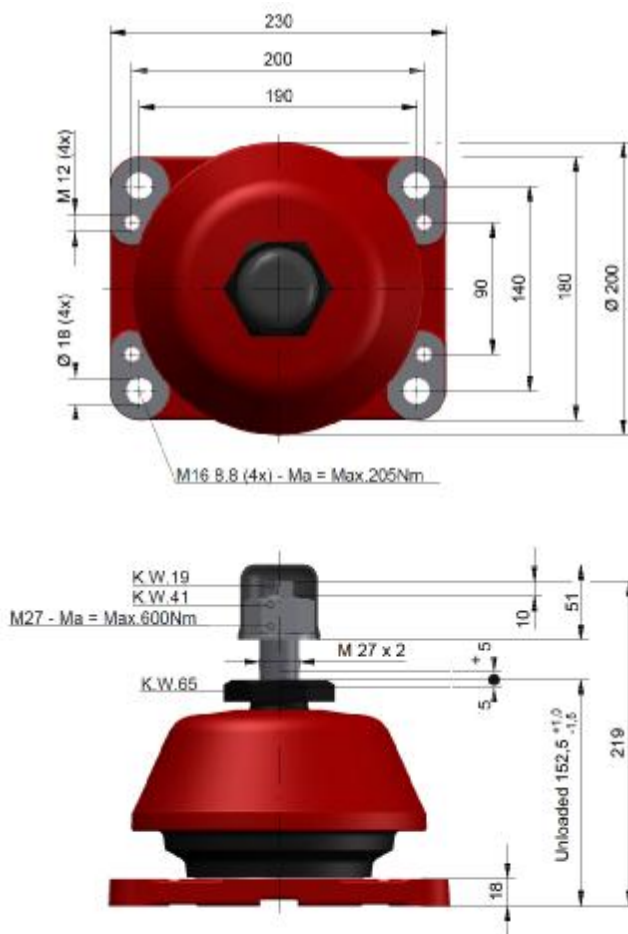
Max Shockload

Contact Rubber Design

SHOCKLOAD



TYPE APPROVALS



DIMENSIONS



DOCUMENTATION SHEET

Conical Mountings

Type RD 344

RD 344

Direction	Vertical up	Vertical down	Radial
Displacement limiter clearance [mm]	4	4	3

CLEARANCE

Rubber Hardness [°Sh. A]	55	60	65
Max Marine load [kN]	27,5	33	38,5
Max Static load [kN]	32	37,5	45
Max Static vert. defl. [mm]	11,5	11	10,5

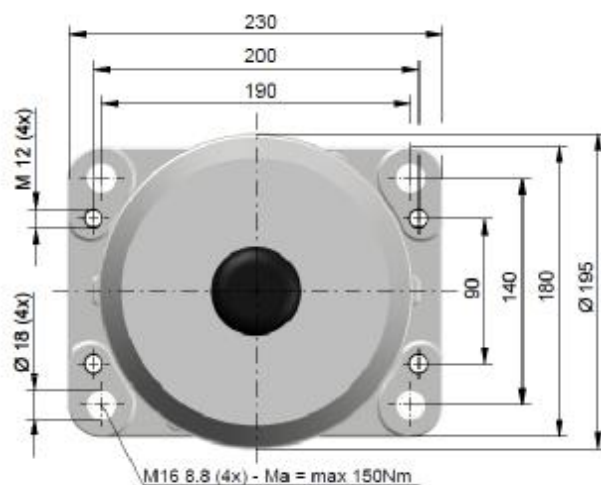
CHARACTERISTICS

Max Shockload 70 kN (all directions)

SHOCKLOAD



TYPE APPROVALS



DIMENSIONS





Type RD 344

CLEARANCE

CHARACTERISTICS

SHOCKLOAD



DOCUMENTATION SHEET

Conical Mountings

Type RD 344

RD 344

Direction	Vertical up	Vertical down	Radial
Displacement limiter clearance [mm]	4	4	3

CLEARANCE

Rubber Hardness [°Sh. A]	55	60	65
Max Marine load [kN]	27,5	33	38,5
Max Static load [kN]	32	37,5	45
Max Static vert. defl. [mm]	11,5	11	10,5

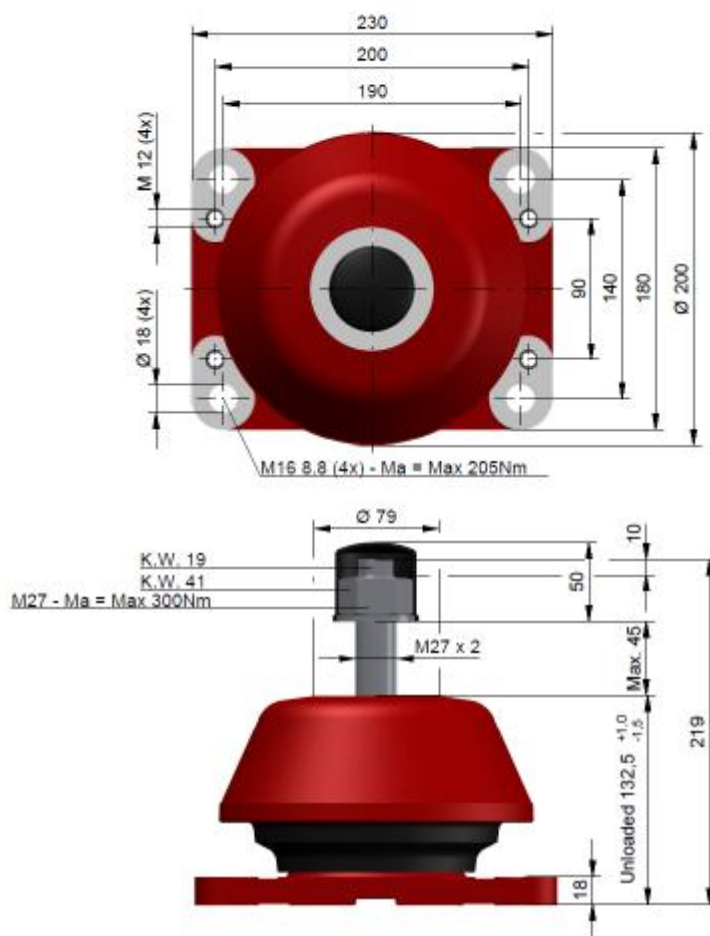
CHARACTERISTICS

Max Shockload 160 kN (all directions)

SHOCKLOAD



TYPE APPROVALS



DIMENSIONS





DOCUMENTATION SHEET

Conical Mountings

Type RD 344

RD 344

Height re-adjustable

Direction	Vertical up	Vertical down	Radial
Displacement limiter clearance [mm]	4	4	3

CLEARANCE

Rubber Hardness [°Sh. A]	55	60	65
Max Marine load [kN]	27,5	33	38,5
Max Static load [kN]	32	37,5	45
Max Static vert. defl. [mm]	11,5	11	10,5

CHARACTERISTICS

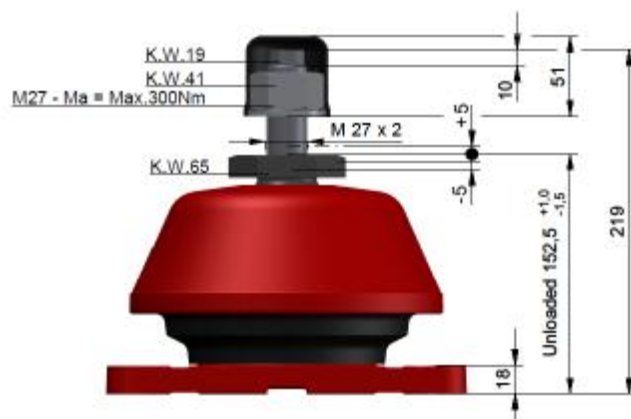
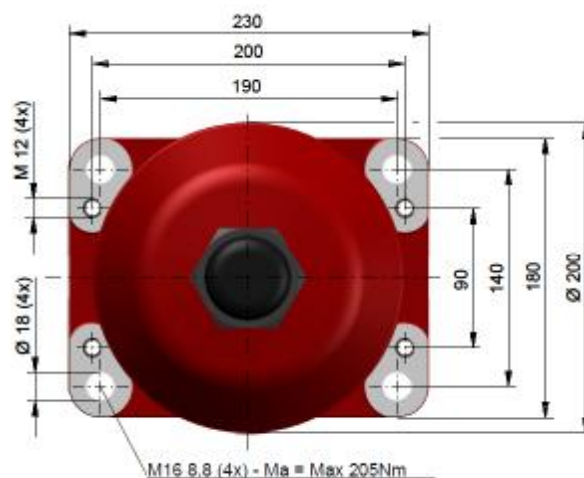
Max Shockload

Contact Rubber Design

SHOCKLOAD



TYPE APPROVALS



DIMENSIONS





Type RD 414

CLEARANCE

CHARACTERISTICS

SHOCKLOAD

215
165
18 (2x)
100
Ø 125

M16 8.8 (2x) - Ma = max 150Nm





Type RD 415

CLEARANCE

CHARACTERISTICS

SHOCKLOAD



DOCUMENTATION SHEET

Conical Mounting

Required information

REQUIRED
INFORMATION

General

The table below contains information that is necessary to design a suitable flexible suspension

	MARINE					APPLICATION					
	MAIN ENGINES	AUXILIARY ENGINES	EXHAUST SYSTEM	DECKHOUSE	CONTROL CABIN	COMPRESSOR UNIT	PUMP UNIT	GENERATORSET	COMPRESSOR UNIT	PUMP UNIT	MISCELLANEOUS
Description of installation + drawing(s)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Manufacturer / Type	✓	✓				✓	✓	✓	✓	✓	✓
Number of cylinders / 2-4 stroke / L-V	✓	✓	✓			✓	✓	✓	✓		✓
Mass	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Centre of gravity in X, Y, Z direction	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Mass moments of inertia - 3 axes	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
Number of mountings + positions	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Details flexible coupling(s)	✓										✓
Details compensator(s)	✓	✓	✓			✓	✓	✓	✓	✓	✓
Reduction gearbox	✓										✓
Operating speed + output Idling	✓		✓								✓
Operating speed + output Normal	✓	✓	✓			✓	✓	✓	✓	✓	✓
Operating speed + output Maximum	✓		✓								✓
Number of revolutions of propeller shaft	✓	✓	✓	✓	✓	✓	✓				
Number of propeller blades	✓	✓	✓	✓	✓	✓	✓				
Free forces / moments	✓	✓				✓	✓	✓	✓	✓	✓
Type of vessel + classification	✓	✓	✓	✓	✓	✓	✓				
Seaway conditions	✓	✓	✓	✓	✓	✓	✓				
Shock conditions	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Ambient temperature	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Preserving requirements	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

TABLE

