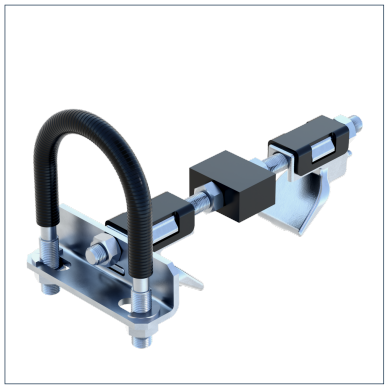
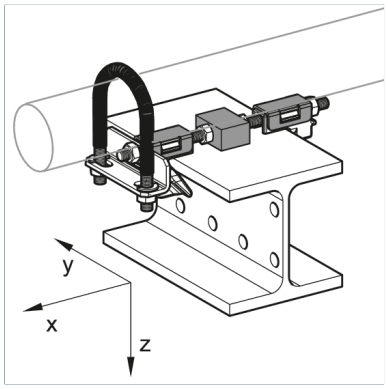
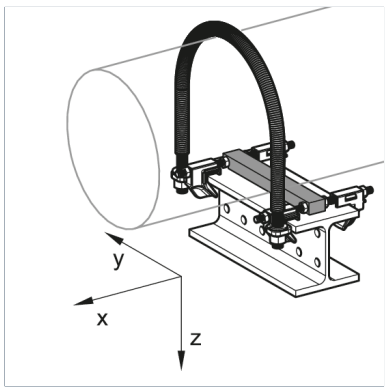
Guided Support FR - H 20 HCP









General Information

Guided Support for attachment of steel or stainless steel pipes of DN 15 up to DN 300 on steel beams with width of 80 up to 300 mm and max. flange thickness of 20 mm. From DN 65 onwards, the design of the assembly changes.

Installation

Position the preassembled clamping hooks onto the beam flange and tighten the nuts (to 10 Nm).
DN 15 - 50: For beam width < 100mm both nuts of the PA bearing block in the middle have to be removed. Fasten U-bolt to U-Bolt fixing plate by means of the included nuts (to 15 Nm) The pipe slides directly on the PA bearing blocks. Axial guiding of the pipe is ensured by the U-bolt.
DN 65 - 300: For beam width < 100mm the 4 nuts of the PA bearing block have to be removed. Fasten U-bolt to the clamping hooks with the included nuts (to 15 Nm). The pipe slides directly on the PA bearing block. Axial guiding of the pipe is ensured by the U-bolt.
Selection guide:

Type	for flange width [mm]
80/120	80 - 120
140/160	121 - 160
180/220	161 - 220
240/260	221 - 260
280/300	261 - 300

Temperature

Max. temperature	130 °C
Min. temperature	-20 °C

Material Properties

Halogen-free	0
UV-resistant	0

Material

Primary element material	steel
Isolating element material	PA
Sliding element material	PA GF
Surface finish	HCP
Corrosion protection class	C4

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Types

Type	Min. flange width	Weight	Quantity	Part number
FR - H 20 DN 15 (1/2'') - 80/120 HCP	80,00 mm	0,900 kg/pcs.	10 pcs.	113658
FR - H 20 DN 15 (1/2'') - 140/160 HCP	121,00 mm	0,960 kg/pcs.	1 pcs.	113659
FR - H 20 DN 15 (1/2'') - 180/220 HCP	161,00 mm	1,050 kg/pcs.	1 pcs.	113660
FR - H 20 DN 15 (1/2'') - 240/260 HCP	221,00 mm	1,080 kg/pcs.	1 pcs.	113662
FR - H 20 DN 15 (1/2'') - 280/300 HCP	261,00 mm	1,120 kg/pcs.	1 pcs.	113663
FR - H 20 DN 20 (3/4'') - 80/120 HCP	80,00 mm	0,910 kg/pcs.	10 pcs.	113664
FR - H 20 DN 20 (3/4'') - 140/160 HCP	121,00 mm	0,990 kg/pcs.	1 pcs.	113665
FR - H 20 DN 20 (3/4'') - 180/220 HCP	161,00 mm	1,040 kg/pcs.	1 pcs.	113666
FR - H 20 DN 20 (3/4'') - 240/260 HCP	221,00 mm	1,080 kg/pcs.	1 pcs.	113667
FR - H 20 DN 20 (3/4'') - 280/300 HCP	261,00 mm	1,110 kg/pcs.	1 pcs.	113668
FR - H 20 DN 25 (1'') - 80/120 HCP	80,00 mm	0,910 kg/pcs.	10 pcs.	113669
FR - H 20 DN 25 (1'') - 140/160 HCP	121,00 mm	1,010 kg/pcs.	10 pcs.	113671
FR - H 20 DN 25 (1'') - 180/220 HCP	161,00 mm	1,040 kg/pcs.	1 pcs.	113672
FR - H 20 DN 25 (1'') - 240/260 HCP	221,00 mm	1,080 kg/pcs.	1 pcs.	113673
FR - H 20 DN 25 (1'') - 280/300 HCP	261,00 mm	1,120 kg/pcs.	1 pcs.	113674
FR - H 20 DN 32 (1 1/4'') - 80/120 HCP	80,00 mm	0,960 kg/pcs.	10 pcs.	113675
FR - H 20 DN 32 (1 1/4'') - 140/160 HCP	121,00 mm	1,040 kg/pcs.	10 pcs.	113676
FR - H 20 DN 32 (1 1/4'') - 180/220 HCP	161,00 mm	1,090 kg/pcs.	1 pcs.	113677
FR - H 20 DN 32 (1 1/4'') - 240/260 HCP	221,00 mm	1,130 kg/pcs.	1 pcs.	113678
FR - H 20 DN 32 (1 1/4'') - 280/300 HCP	261,00 mm	1,180 kg/pcs.	1 pcs.	113679
FR - H 20 DN 40 (1 1/2'') - 80/120 HCP	80,00 mm	0,950 kg/pcs.	10 pcs.	113680
FR - H 20 DN 40 (1 1/2'') - 140/160 HCP	121,00 mm	1,060 kg/pcs.	10 pcs.	113681
FR - H 20 DN 40 (1 1/2'') - 180/220 HCP	161,00 mm	1,150 kg/pcs.	1 pcs.	113682
FR - H 20 DN 40 (1 1/2'') - 240/260 HCP	221,00 mm	1,170 kg/pcs.	1 pcs.	113683
FR - H 20 DN 40 (1 1/2'') - 280/300 HCP	261,00 mm	1,220 kg/pcs.	1 pcs.	113684
FR - H 20 DN 50 (2'') - 80/120 HCP	80,00 mm	0,970 kg/pcs.	1 pcs.	113685
FR - H 20 DN 50 (2'') - 140/160 HCP	121,00 mm	1,040 kg/pcs.	1 pcs.	113686
FR - H 20 DN 50 (2'') - 180/220 HCP	161,00 mm	1,100 kg/pcs.	1 pcs.	113687
FR - H 20 DN 50 (2'') - 240/260 HCP	221,00 mm	1,150 kg/pcs.	1 pcs.	113688
FR - H 20 DN 50 (2'') - 280/300 HCP	261,00 mm	1,240 kg/pcs.	1 pcs.	113690
FR - H 20 DN 65 (2 1/2'') - 80/120 HCP	80,00 mm	1,882 kg/pcs.	10 pcs.	113691
FR - H 20 DN 65 (2 1/2'') - 140/160 HCP	121,00 mm	2,082 kg/pcs.	5 pcs.	113692
FR - H 20 DN 65 (2 1/2'') - 180/220 HCP	161,00 mm	2,188 kg/pcs.	1 pcs.	113693
FR - H 20 DN 65 (2 1/2'') - 240/260 HCP	221,00 mm	2,268 kg/pcs.	1 pcs.	113694

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Type	Min. flange width	Weight	Quantity	Part number
FR - H 20 DN 65 (2 1/2'') - 280/300 HCP	261,00 mm	2,340 kg/pcs.	1 pcs.	113695
FR - H 20 DN 80 (3'') - 80/120 HCP	80,00 mm	1,912 kg/pcs.	5 pcs.	113696
FR - H 20 DN 80 (3'') - 140/160 HCP	121,00 mm	1,890 kg/pcs.	1 pcs.	113697
FR - H 20 DN 80 (3'') - 180/220 HCP	161,00 mm	1,901 kg/pcs.	1 pcs.	113699
FR - H 20 DN 80 (3'') - 240/260 HCP	221,00 mm	2,298 kg/pcs.	1 pcs.	113700
FR - H 20 DN 80 (3'') - 280/300 HCP	261,00 mm	2,370 kg/pcs.	1 pcs.	113701
FR - H 20 DN 100 (4'') - 80/120 HCP	80,00 mm	1,860 kg/pcs.	5 pcs.	113702
FR - H 20 DN 100 (4'') - 140/160 HCP	121,00 mm	1,980 kg/pcs.	1 pcs.	113703
FR - H 20 DN 100 (4'') - 180/220 HCP	161,00 mm	2,283 kg/pcs.	1 pcs.	113705
FR - H 20 DN 100 (4'') - 240/260 HCP	221,00 mm	2,363 kg/pcs.	1 pcs.	113706
FR - H 20 DN 100 (4'') - 280/300 HCP	261,00 mm	2,435 kg/pcs.	1 pcs.	113707
FR - H 20 DN 125 (5'') - 80/120 HCP	80,00 mm	2,045 kg/pcs.	1 pcs.	113708
FR - H 20 DN 125 (5'') - 140/160 HCP	121,00 mm	2,245 kg/pcs.	1 pcs.	113709
FR - H 20 DN 125 (5'') - 180/220 HCP	161,00 mm	2,351 kg/pcs.	1 pcs.	113710
FR - H 20 DN 125 (5'') - 240/260 HCP	221,00 mm	2,431 kg/pcs.	1 pcs.	113711
FR - H 20 DN 125 (5'') - 280/300 HCP	261,00 mm	2,503 kg/pcs.	1 pcs.	113712
FR - H 20 DN 150 (6'') - 80/120 HCP	80,00 mm	2,116 kg/pcs.	5 pcs.	113713
FR - H 20 DN 150 (6'') - 140/160 HCP	121,00 mm	2,316 kg/pcs.	1 pcs.	113714
FR - H 20 DN 150 (6'') - 180/220 HCP	161,00 mm	2,422 kg/pcs.	1 pcs.	113715
FR - H 20 DN 150 (6'') - 240/260 HCP	221,00 mm	2,502 kg/pcs.	1 pcs.	113716
FR - H 20 DN 150 (6'') - 280/300 HCP	261,00 mm	2,574 kg/pcs.	1 pcs.	113717
FR - H 20 DN 175 (7'') - 80/120 HCP	80,00 mm	2,180 kg/pcs.	5 pcs.	113718
FR - H 20 DN 175 (7'') - 140/160 HCP	121,00 mm	2,380 kg/pcs.	1 pcs.	113719
FR - H 20 DN 175 (7'') - 180/220 HCP	161,00 mm	2,486 kg/pcs.	1 pcs.	113720
FR - H 20 DN 175 (7'') - 240/260 HCP	221,00 mm	2,566 kg/pcs.	1 pcs.	113721
FR - H 20 DN 175 (7'') - 280/300 HCP	261,00 mm	2,638 kg/pcs.	1 pcs.	113722
FR - H 20 DN 200 (8'') - 80/120 HCP	80,00 mm	2,245 kg/pcs.	5 pcs.	113723
FR - H 20 DN 200 (8'') - 140/160 HCP	121,00 mm	2,445 kg/pcs.	1 pcs.	113724
FR - H 20 DN 200 (8'') - 180/220 HCP	161,00 mm	2,551 kg/pcs.	1 pcs.	113725
FR - H 20 DN 200 (8'') - 240/260 HCP	221,00 mm	2,631 kg/pcs.	1 pcs.	113726
FR - H 20 DN 200 (8'') - 280/300 HCP	261,00 mm	2,703 kg/pcs.	1 pcs.	113727
FR - H 20 DN 225 (11'') - 80/120 HCP	80,00 mm	2,759 kg/pcs.	5 pcs.	113728
FR - H 20 DN 225 (11'') - 140/160 HCP	121,00 mm	2,959 kg/pcs.	1 pcs.	113729
FR - H 20 DN 225 (11'') - 180/220 HCP	161,00 mm	3,065 kg/pcs.	1 pcs.	113730
FR - H 20 DN 225 (11'') - 240/260 HCP	221,00 mm	3,145 kg/pcs.	1 pcs.	113732

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Type	Min. flange width	Weight	Quantity	Part number
FR - H 20 DN 225 (11'') - 280/300 HCP	261,00 mm	3,217 kg/pcs.	1 pcs.	113733
FR - H 20 DN 250 (10'') - 80/120 HCP	80,00 mm	2,863 kg/pcs.	5 pcs.	113734
FR - H 20 DN 250 (10'') - 140/160 HCP	121,00 mm	3,063 kg/pcs.	5 pcs.	113735
FR - H 20 DN 250 (10'') - 180/220 HCP	161,00 mm	3,139 kg/pcs.	1 pcs.	113736
FR - H 20 DN 250 (10'') - 240/260 HCP	221,00 mm	3,249 kg/pcs.	1 pcs.	113737
FR - H 20 DN 250 (10'') - 280/300 HCP	261,00 mm	3,321 kg/pcs.	1 pcs.	113738
FR - H 20 DN 300 (12'') - 80/120 HCP	80,00 mm	3,050 kg/pcs.	5 pcs.	113739
FR - H 20 DN 300 (12'') - 140/160 HCP	121,00 mm	3,215 kg/pcs.	5 pcs.	113740
FR - H 20 DN 300 (12'') - 180/220 HCP	161,00 mm	3,356 kg/pcs.	1 pcs.	113741
FR - H 20 DN 300 (12'') - 240/260 HCP	221,00 mm	3,436 kg/pcs.	1 pcs.	113742
FR - H 20 DN 300 (12'') - 280/300 HCP	261,00 mm	3,508 kg/pcs.	1 pcs.	113743

Certification