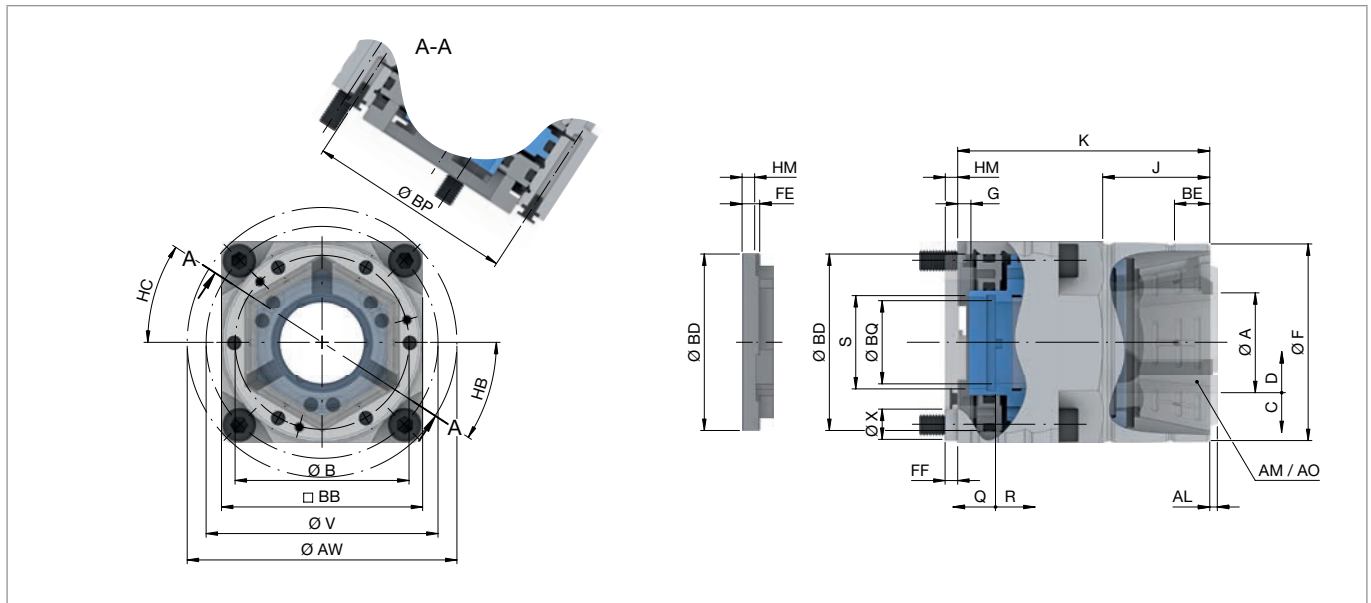


STATIONARY CLAMPING DEVICES

Hydraulic stationary chuck HYDROK



HYDROK SE size 40. Technical data



Product line		SE
Size		40
Clamping range [mm]	A	3 – 40
Repeatability ≤ [mm]		0,010
Max. axial drawtube force [pull / push] [kN]		27
Max. radial clamping force [kN]		75
Max. actuating pressure [bar]		110
Release stroke in Ø [mm]	C	0,5
RPM n max. [1/min.]		60
Reserve stroke in Ø [mm]	D	0,8
Reserve stroke axial [mm]	Q	2
Release stroke axial [mm]	R	2
Location front end-stop	F	Ø 78 f7
Length flange location [mm]	BE	14
Bolt hole circle end-stop	B	LK Ø 69 [3 x M4]
Ø Capacity [mm]	BQ	33
Height [mm]	J	42,5
Overall height [mm]	K	100
Outer variant [mm]	BB	79,8
Connecting position [mm]	BP	82
Outer Ø [mm]	AW	106 h7
Bolt hole circle	V	LK Ø 92 [4 x M8]
Clamping via base plate [°]	HB	33
Release via base plate [°]	HC	33
Clamping head serrated	AM	TOP 40
Clamping head protrusion length serrated [mm]	AL	3
Clamping head smooth	AO	TOP 40 G
Centering height 1 [mm]	FE	7
Centering height 2 [mm]	FF	5
Interface	X	Ø 12 H7
Flange location	BD	Ø 70 H7/g7
Connecting thread inside	S	M38 x 1
Centering length [mm]	G	5
Installation depth [mm]	HM	5 +0,05
Weight [kg]		2,79
In stock		✓
Material no.		10001416

Through adaptation of the tandem cylinder to HYDROK 40 SE, the maximum clamping force of 75 kN can be achieved, even at 43 bar.

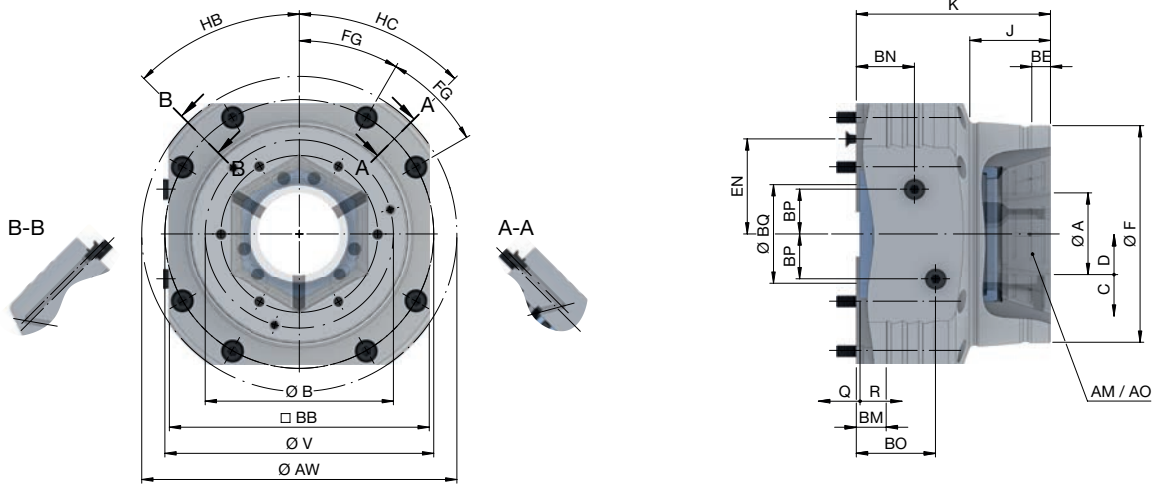




STATIONARY CLAMPING DEVICES

Hydraulic stationary chuck HYDROK

HYDROK SE size 52 - 100. Technical data



Product line	SE		
Size	52	65	100
Clamping range [mm]	A 3 – 52	3 – 65	15 – 100
Repeatability ≤ [mm]		0,010	
Max. axial drawtube force [pull / push] [kN]	35	45	65
Max. radial clamping force [kN]	91	120	172
Max. actuating pressure [bar]		40	
Release stroke in Ø [mm]	C 0,6		2
RPM n max. [1/min.]		1000	
Reserve stroke in Ø [mm]	D 1		1,5
Reserve stroke axial [mm]	Q 2	2,15	3
Release stroke axial [mm]	R 2,5		5
Location front end-stop	F Ø 125 f7	Ø 145 f5	Ø 215 f7
Length flange location [mm]	BE 9,5	12,5	15,5
Bolt hole circle end-stop	B LK Ø 107 [3 x M6]	LK Ø 126 [3 x M6]	LK Ø 180 [3 x M8]
Ø Capacity [mm]	BQ 53	66	108
Height [mm]	J 39,6	54	55
Overall height [mm]	K 120	130	140
Outer variant [mm]	BB 154	174	230
Release	BN 38,1 [1/8"]		38,9 [1/8"]
Clamping	BO 57,2 [1/8"]	53 [1/8"]	63 [1/8"]
Connecting position [mm]	BP 25		30
Fluid connection 1 [mm]	EN 55,5	63,6	84,9
Outer Ø [mm]	AW 175 f6	210 f6	270 f6
Bolt hole circle	V LK Ø 157 [8 x M8]	LK Ø 180 [8 x M8]	LK Ø 240 [8 x M8]
Mounting seat fit length [mm]	BM 20		
Angle position [°]	FG 30		
Clamping via base plate [°]	HB 45		
Release via base plate [°]	HC 45		
Clamping head serrated	AM TOP 52	TOP 65	TOP 100
Clamping head smooth	AO TOP 52 G	TOP 65 G	TOP 100 G
Weight [kg]	12	14,5	26
In stock	✓	✓	✓
Material no.	10001415	10001407	10001412

Please note: At adaptation size 52 the adaptation for jaw clamping cannot be used.
Size 100 is also available in lightweight design [14 kg].

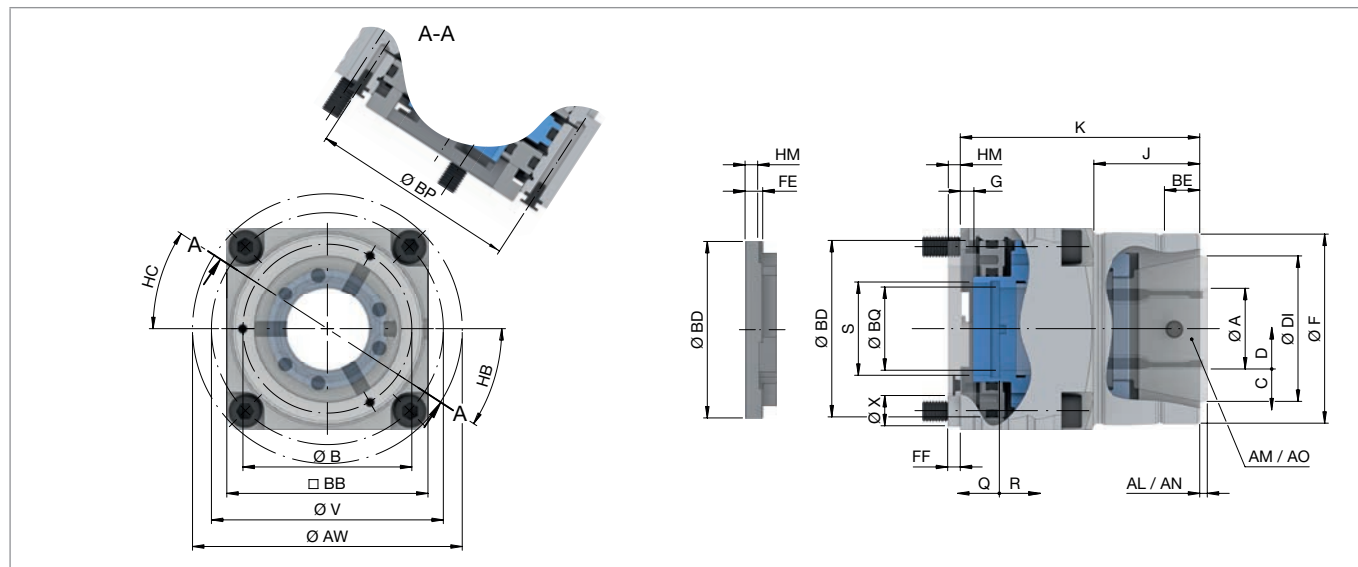
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STATIONARY CLAMPING DEVICES

Hydraulic stationary chuck HYDROK



HYDROK RD size 32. Technical data



Product line		RD
Size		32
Clamping range [mm]	A	3 – 32
Repeatability ≤ [mm]		0,010
Max. axial drawtube force [pull / push] [kN]		25
Max. radial clamping force [kN]		70
Max. actuating pressure [bar]		100
Release stroke in Ø [mm]	C	0,6
RPM n max. [1/min.]		60
Reserve stroke in Ø [mm]	D	1
Reserve stroke axial [mm]	Q	2,5
Release stroke axial [mm]	R	3
Location front end-stop	F	Ø 75 f7
Length flange location [mm]	BE	15
Bolt hole circle end-stop	B	LK Ø 67 [3 x M4]
Ø Capacity [mm]	BQ	33
Height [mm]	J	42
Overall height [mm]	K	95
Outer variant [mm]	BB	79,8
Connecting position [mm]	BP	82
Outer Ø [mm]	AW	106 h7
Bolt hole circle	V	LK Ø 92 [4 x M8]
Clamping via base plate [°]	HB	33
Release via base plate [°]	HC	33
Head Ø [mm]	DI	58
Clamping head serrated	AM	SK 32 BZI
Clamping head protrusion length serrated [mm]	AL	6
Clamping head smooth	AO	SK 32 BZIG
Clamping head protrusion length smooth [mm]	AN	3
Centering height 1 [mm]	FE	7
Centering height 2 [mm]	FF	5
Interface	X	Ø 12 H7
Flange location	BD	Ø 70 H7/g7
Connecting thread inside	S	M38 x 1
Centering length [mm]	G	5
Installation depth [mm]	HM	5 +0,05
Weight [kg]		2,69
In stock		✓
Material no.		10001414

By adapting the tandem cylinder on the HYDROK 32 the maximum clamping force of 70 kN can be reached already at 50 bar.

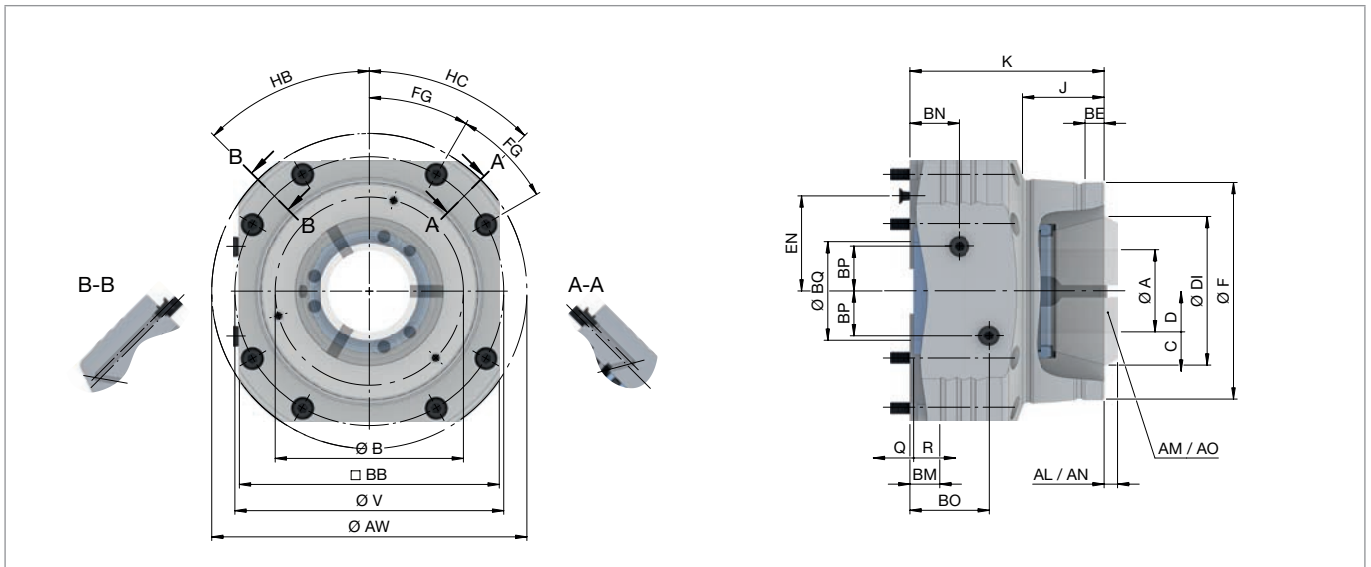
	
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STATIONARY CLAMPING DEVICES

Hydraulic stationary chuck HYDROK

HYDROK RD size 42 - 100. Technical data



Product line	RD					
Size	42	52	65	80	100	
Clamping range [mm]	A	3 – 42	3 – 52	3 – 65	5 – 80	15 – 100
Repeatability ≤ [mm]				0,010		
Max. axial drawtube force [pull / push] [kN]		35		45	50	65
Max. radial clamping force [kN]		80		105	115	150
Max. actuating pressure [bar]				40		
Release stroke in Ø [mm]	C			0,6		2
RPM n max. [1/min.]				1000		
Reserve stroke in Ø [mm]	D		1			1,5
Reserve stroke axial [mm]	Q		2			3
Release stroke axial [mm]	R		2,5			5
Location front end-stop	F	Ø 125 f7		Ø 145 f5	Ø 160 f7	Ø 215 f7
Length flange location [mm]	BE	7,4		12,5	17,5	15,5
Bolt hole circle end-stop	B	LK Ø 107 [3 x M6]		LK Ø 126 [3 x M6]	LK Ø 139 [3 x M6]	LK Ø 180 [3 x M8]
Ø Capacity [mm]	BQ	47	53	66	81	108
Height [mm]	J	39			54	
Overall height [mm]	K	120		130		140
Outer variant [mm]	BB	154		174	186	229
Release	BN	38,1 [1/8"]		33,15 [1/8"]	33 [1/8"]	38,9 [1/8"]
Clamping	BO	57,2 [1/8"]		53,15 [1/8"]	53,5 [1/8"]	63 [1/8"]
Connecting position [mm]	BP	25		30		
Fluid connection 1 [mm]	EN	55,5		63,6	68,6	84,85
Outer Ø [mm]	AW	175 f6		210 f6	215 f6	270 f6
Bolt hole circle	V	LK Ø 157 [8 x M8]		LK Ø 180 [8 x M8]	LK Ø 194 [8 x M8]	LK Ø 240 [8 x M8]
Mounting seat fit length [mm]	BM			20		
Angle position [°]	FG			30		
Clamping via base plate [°]	HB			45		
Release via base plate [°]	HC			45		
Head Ø [mm]	DI	80		99,5	115	144,5
Clamping head serrated	AM	SK 42 BZI	SK 52 BZI	SK 65 BZI	SK 80 BZI	SK 100 BZ
Clamping head protrusion length serrated [mm]	AL	9	4	9	4	
Clamping head smooth	AO	SK 42 BZIG	SK 52 BZIG	SK 65 BZIG	SK 80 BZIG	SK 100 BZG
Clamping head protrusion length smooth [mm]	AN			4		
Weight [kg]		12		15	17,5	29
In stock		✓	✓	✓	✓	✓
Material no.		10001408	10001409	10001406	10001410	10001411

Please note: At adaptation size 42 and 52 the jaw module cannot be used. Size 100 is also available in Lightweight design [14 kg].

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