

Hidropneumatika blok cilindri
Hidropneumatika block cylinders
Hidropneumatika Blockzylinder



BC 500 & BCS 350

Nazivni tlak/ **Nominal pressure**/ **Nenndruck**: 500 & 350 bar

Ispitni tlak/ **Test pressure**/ **Prüfdruck**: 600 & 450 bar

Max. hod/ **Max. Stroke**/ **Max.Hub**: 500 mm

Klip/ **Piston**/ **Kolben** Ø: 16÷200 mm

Primjena/ **Application area**/ **Einsatzgebiet**:

- ⇒ izrada kalupa/ **Mould-making**/ **Formenbau**
- ⇒ izrada naprava/ **Design of the device** / **Vorrichtungsbau**
- ⇒ izrada alata/ **Tool manufacturing** / **Werkzeugbau**



Zadržavamo pravo na izmjene

Subject to change

Änderungen vorbehalten

HIDROPNEUMATIKA d.o.o.

HR-10380

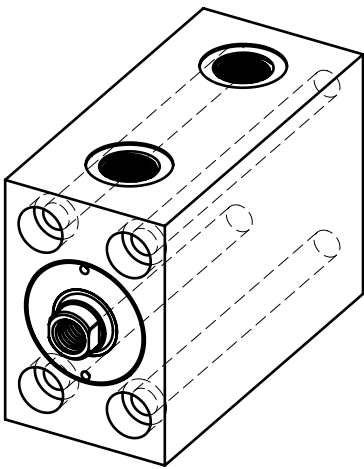
Sv. Ivan Zelina

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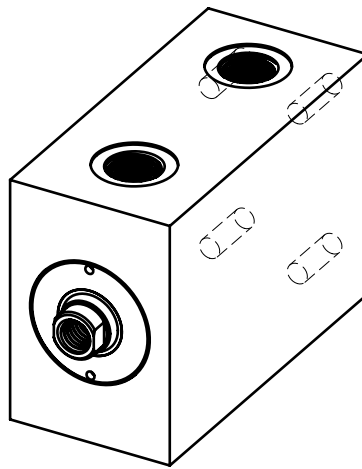
fax: +385(0)1 2069 332



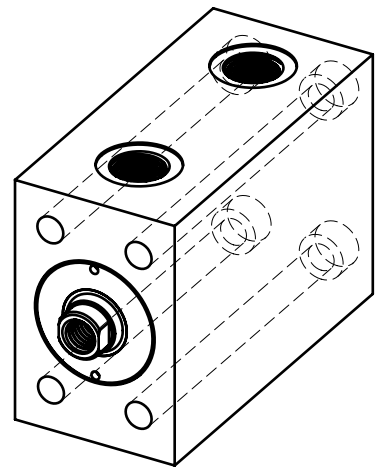
Oblici izrade / Design / Bauformen



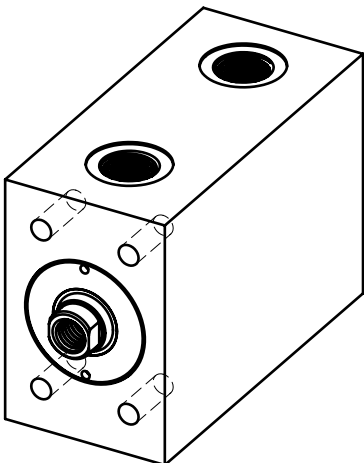
BC 500 1 (str.10)
BCS 350 1 (str.21)



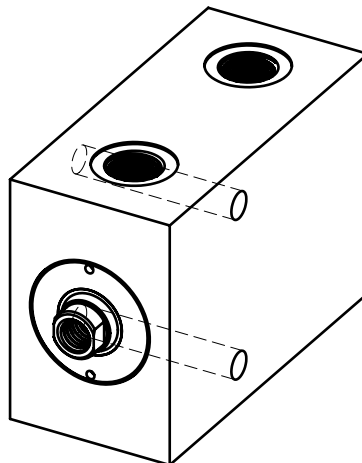
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BCS 350 1A (str.21)



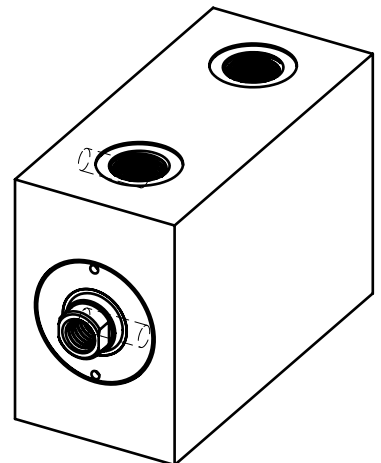
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BCS 350 2 (str.22)



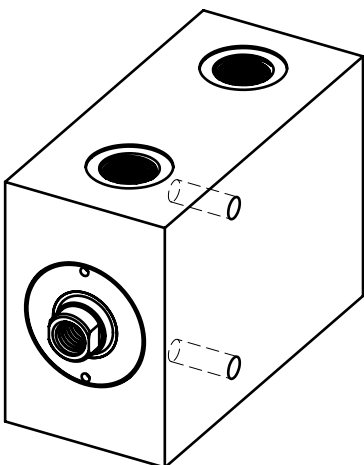
BC 500 2A (str.11)
BCS 350 2A (str.22)



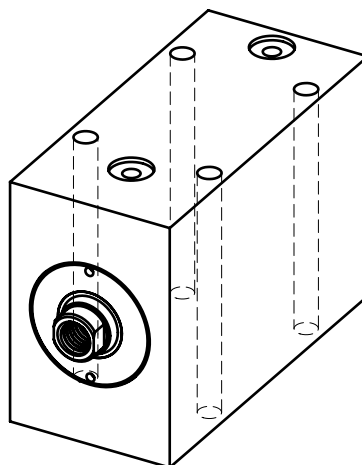
BC 500 3 (str.12)
BCS 350 3 (str.23)



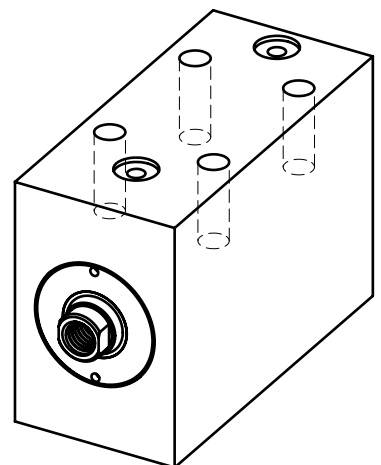
BC 500 3A (str.12)
BCS 350 3A (str.23)



BC 500 3B (str.12)
BCS 350 3B (str.23)



BC 500 4 (str.13)
BCS 350 4 (str.24)

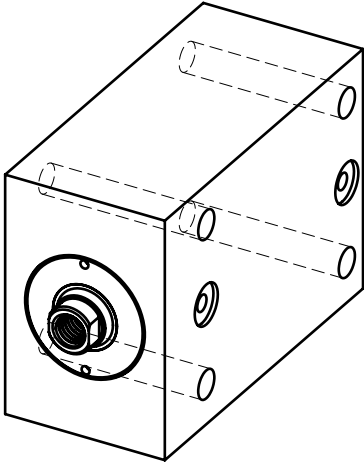


BC 500 5 (str.14)
BCS 350 5 (str.25)

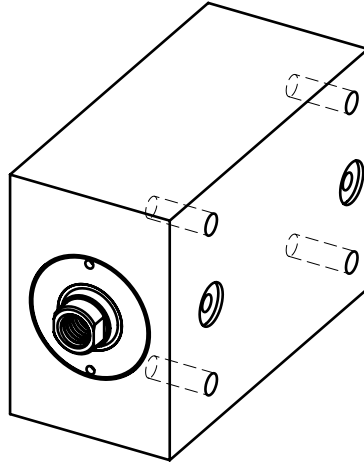




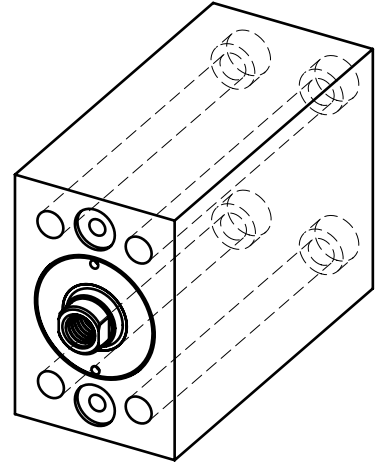
Oblici izrade / Design / Bauformen



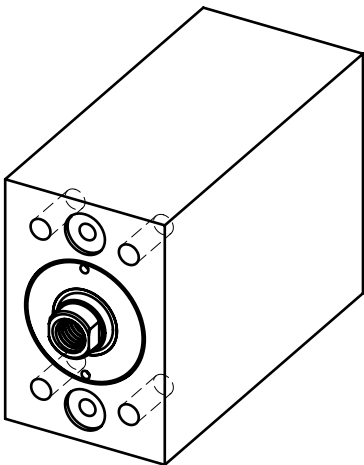
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BCS 350 6 (str.26)



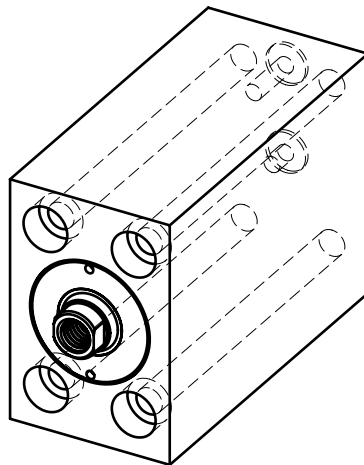
BC 500 6A (str.15)
BCS 350 6A (str.26)



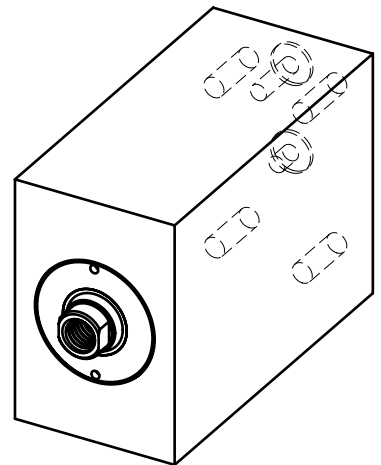
BC 500 7 (str.16)
BCS 350 7 (str.27)



BC 500 7A (str.16)
BCS 350 7A (str.27)



BC 500 8 (str.17)
BCS 350 8 (str.28)



BC 500 8A (str.17)
BCS 350 8A (str.28)

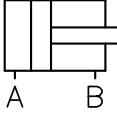
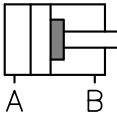
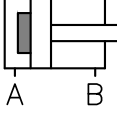
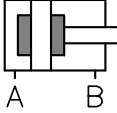




Opći opis i naputci	Description and Information	Beschreibung und Hinweise
Pogodan za male prostore i kratke hodove	Suitable for small construction lengths and short strokes	Ausgezeichnet für kleine Einbauräume und kurze Hube
Načini rada na stranici 6	Construction forms on page 6	Funktionsarten auf Seite 6
Moguća izrada hodova prema narudžbi	Strokes according to customer wishes	Hublänge nach Kundenwunsch
Prigušenje bez regulacije	Damping without regulation	Dämpfung nicht regelbar
Ugrađene su brtve za hidrauličke tekućine H, HL, HLP prema njemačkoj normi DIN 51524/51525 i primjenjive su u temperaturnom rasponu od -20°C do +90°C	The installed seals are suitable for hydraulic fluids H, HL, HLP according to German Standard DIN 51524/51525 and temperatures from -20°C to +90°C	Die eingebauten Dichtungen sind für Hydroflüssigkeiten H, HL, HLP nach DIN 51524/51525 und den Temperaturbereich von -20°C bis zu +90°C geeignet
Klipnjače do 20 su nitrirane i oksidirane, a od 25 su tvrdo kromirane i indukcijski kaljene	Piston rods to 20 are nitrated and oxidized, and from 25 hard chromed and inductiv hardened	Kolbenstangen bis 20 sind nitriert und oxidiert, und ab 25 hartverchromt und induktiv gehärtet
Brtva klipnjače: PTFE (TANDEM)	Piston rod seals: PTFE (TANDEM)	Kolbenstangendichtung: PTFE (TANDEM)
Brtva za klip: klizni prsten PTFE	Piston seal: PTFE - axial face seal	Kolbendichtung: Gleitring PTFE
Površinska zaštita: bruniranje	Surface protection: burnished	Oberflächenschutz: brüniert





Načini rada		Modes of operation		Funktionsarten	
Simbol Symbol Sinnbild	Identifikacijski broj Identification number Identifikationsnummer	Opis	Description	Beschreibung	
	D01	Dvoradni	Double-acting	Doppeltwirkend	
	D07	Dvoradni; prigušenje bez regulacije - sprijeda	Double-acting; damping without regulation – front	Doppeltwirkend; Dämpfung vorn - nicht regelbar	
	D09	Dvoradni; prigušenje bez regulacije - straga	Double-acting; damping without regulation – behind	Doppeltwirkend; Dämpfung hinten - nicht regelbar	
	D11	Dvoradni; obostrano prigušenje bez regulacije	Double-acting; bilateral damping without regulation	Doppeltwirkend; Dämpfung beidseitig-nicht regelbar	





Tehnički podaci / Technical Data / Technische Daten

		16	20	25	32	40	50	63	80	100	125	160	200
Klip Ø Piston Ø Kolben Ø													
Klipnjača Ø Piston rod Ø Kolbenstangen Ø		10	12	16	20	25	32	40	50	60	80	100	125
Površina klipa (tlačno) (A _r) cm ² Piston face (pushing) Kolbenfläche (stoßend)		2,01	3,14	4,91	8,04	12,57	19,63	31,17	50,27	78,54	122,72	153,94	314,16
Površina klipa (vlačno) (A _v) cm ² Piston ring face (drawing action) Kolbenringfläche (ziehend)		1,225	2,01	2,90	4,90	7,66	11,59	18,61	30,63	50,27	72,45	122,52	191,44
Sila (A _r) N Force Kraft	100 bar 150 bar 200 bar 300 bar 400 bar 500 bar	2010 3010 4020 6030 8040 10050	3140 4710 6280 9420 12560 15700	4910 7360 9820 14730 19640 24550	8040 12060 16080 24120 32160 40200	12560 18850 25140 37710 50280 62840	19630 29440 39260 58890 78520 98150	31170 46750 62340 93510 124680 155850	50260 75400 100540 150810 201080 251340	78540 117810 157080 235620 314160 392700	122710 184080 245440 368160 490880 613590	201060 301593 402124 603183 804248 1004900	314150 471240 628320 942480 1256640 1570790
Sila (A _v) N Force Kraft	100 bar 150 bar 200 bar 300 bar 400 bar 500 bar	1220 1830 2450 3670 4900 6120	2010 3010 4020 6030 8040 10050	2900 4350 5800 8700 11600 14500	4910 7350 9800 14700 19600 24510	7660 11490 15320 22980 30640 38300	11590 17380 23180 34770 46360 57950	18610 27910 37220 55830 74440 93050	30630 45940 61260 91890 122520 153150	50260 75400 100540 150810 201080 251340	72450 108670 144900 217350 289800 362250	122520 183780 245040 367560 490080 612600	191440 287160 382880 574320 765760 957200





Opis Description Beschreibung	Strana Page Seite	Oznaka Designation Beispiel	Opcije Option Option
		BC BCS 500 350 16 10 1 D01 16	P1
Blok cilindar Hidropneumatika Block cylinder Hidropneumatika Blockzylinder Hidropneumatika	10-17 21-28	←	↑
Radni tlak [bar] Working pressure [bar] Betriebsdruck [bar]		←	↑
Promjer klipa [mm] Piston diameter [mm] Kolbendurchmesser [mm]		←	↑
Promjer klipnjače [mm] Piston rod diameter [mm] Kolbenstangendurchmesser [mm]		←	↑
Oblik izrade Form of Production Bauform	2-3	←	↑
Načini rada Modes of operation Funktionsart	5	←	↑
Hod [mm] Stroke [mm] Zylinderhub [mm]	10-17 21-28	←	↑
Brtve VITON® Seals VITON® Dichtungen VITON®	8	←	↑

Primjer za narudžbu	Ordering example	Bestellbeispiel
BC500/BCS350.16.10.1.D01.16 Standardni cilindar radnog tlaka do 500(350) [bar] Promjer klipa 16 [mm] Promjer klipnjače 10 [mm] Učvršćenje vijcima kroz 4 uzdužna provrtta sa upustima sprijeda za DIN912 Dvoradni Hod 16 [mm]	BC500/BCS350.16.10.1.D01.16 Standard cylinder with working pressure up to 500(350) [bar] Piston diameter 16 [mm] Piston rod diameter 10 [mm] Mounting screws through 4 longitudinal holes with countersink on the front for DIN912 Double-acting Stroke 16 [mm]	BC500/BCS350.16.10.1.D01.16 Standardzylinder für Betriebsdruck von 500(350) [bar] Kolbendurchmesser 16 [mm] Kolbenstangendurchmesser 10 [mm] Befestigungsschrauben durch 4 Langlöcher mit Senkung an der Vorderseite für DIN912 Doppeltwirkend Hub 16 [mm]



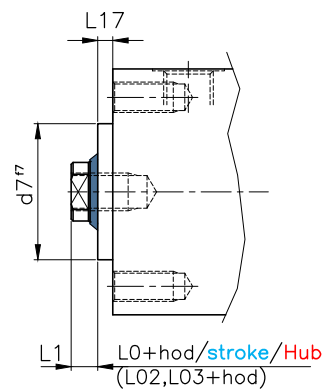


	Posebne izvedbe	Special equipment	Sonderausstattungen
P1	Brtve iz VITON®-a otporne na temperature do 180°C te pogodne za rad s HDF pogonskim tekućinama.	VITON® seals are temperature resistant to 180°C and suitable for HDF drive fluids.	VITON® – Dichtungen hitzebeständig bis 180°C und geeignet für den Betrieb mit HDF Flüssigkeiten.
P2	Brtve za brzine klipa veće od 0,5 [m/s] i rad bez „stick-slip“ efekta	Seals for piston speeds greater than 0,5 [m/s] and work without „stick – slip“ effect	Dichtungen für Kolbengeschwindigkeiten >0,5 [m/s] sowie für „stick – slip“ freien Betrieb
P3	Centrirajući izdanak za oblik izrade 2/2A , 7/7A	Centering outgrowth for design 2/2A, 7/7A	Zentrierbund bei Bauform 2/2A, 7/7A
P6	Zaštita od korozije kemijskim niklanjem	Protection from corrosion with chemical - nickel plating	Korrosionsbeständige Ausführung durch chemisches Vernickeln.
P7	Izvedba od nehrđajućeg čelika W.Nr. 1.4305	Construction from Stainless Steel W.Nr. 1.4305	Korrosionsbeständige Ausführung durch W.Nr. 1.4305 - rostfreien Stahl
P8	Izvedba od čelika W.Nr. 1.4404 postojanog u morskoj vodi i otpornog na kiseline	Construction from Steel W.Nr 1.4404 stable in sea water and resistant to acid	Meerwasser- und säurebeständige Ausführung durch W.Nr. 1.4404
P10	Vanjski navoj klipnjače	Piston-rod end with external thread	Kolbenstangenende mit Aussengewinde
P11	Senzor za temperature do +130°C (uz brtve VITON®-P1)	Proximity sensor for temperatures up to +130°C (with seals VITON®-P1)	Näherungsschalter für Temperaturen bis +130°C. (mit VITON®-Dichtungen-P1)
RH	Redukcija standardnog hoda-sve mjere odgovaraju standardnom hodu	Reduced standard stroke-all dimensions according to standard stroke.	Mit Hubreduzierung - Sämtliche Aussenabmessungen gemäss Standardhub

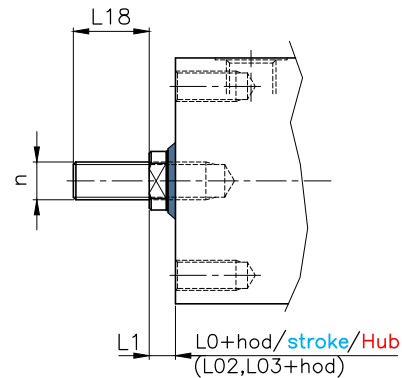




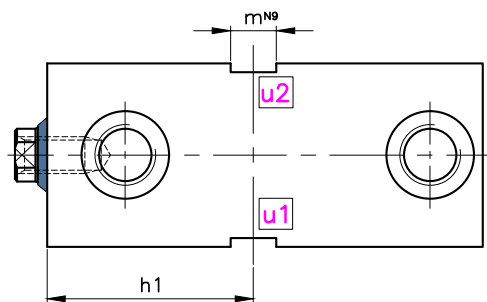
Opcije / Options / Optionen



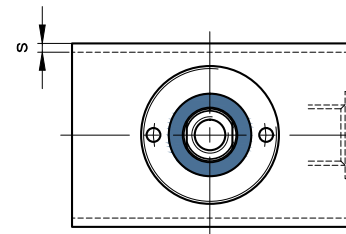
Centrirajući izdanak P3
 Centering collar P3
 Zentrierbund P3



Vanjski navoj klipnjače P10
 Piston-rod end with external thread P10
 Kolbenstangenende mit Aussengewinde P10



Utor u1, u2/Groove u1, u2/Nut u1, u2

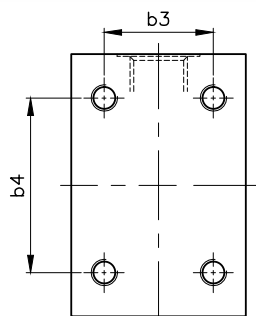


KlipØ / PistonØ / KolbenØ	16	20	25	32	40	50	63	80	100	125	160	200
d KlipnjačaØ / Piston rodØ / KolbenstangenØ	10	12	16	20	25	32	40	50	60	80	100	125
d7f7	27	29	33	39	47	58	73	97	118	143	177	226
L1	6	7	7	10	10	10	14	14	15	16	22	28
L17	2	2	2	2	2	3	3	3	3	3	3	4
L18**	18	16	18	20	24	28	35	40	50	60	70	80
mN9	8	8	10	12	12	15	20	24	28	35	42	52
n	M6	M8	M10	M12	M16	M20	M27	M30	M42	M48	M56	M72
s	2	2	2	3	3	5	5	7	7	7	9	9
h1*	Na zahtjev / On request / nach Kundenwunsch											

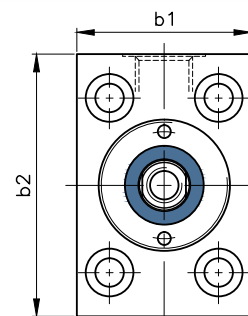
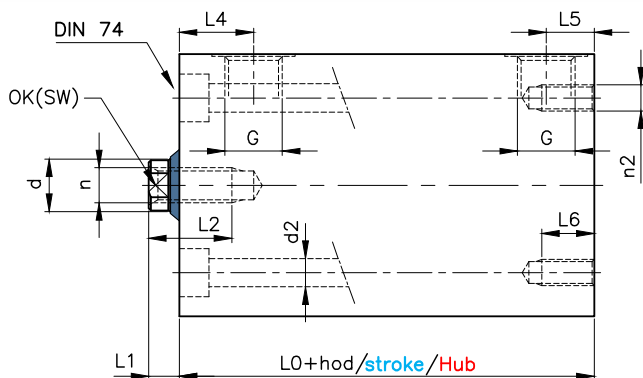
* Standard – h1=L3, L4, L3.1

**L18 ili na zahtjev / or on request / oder nach Kundenwunsch

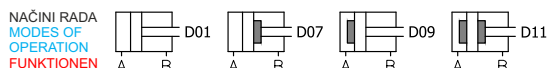
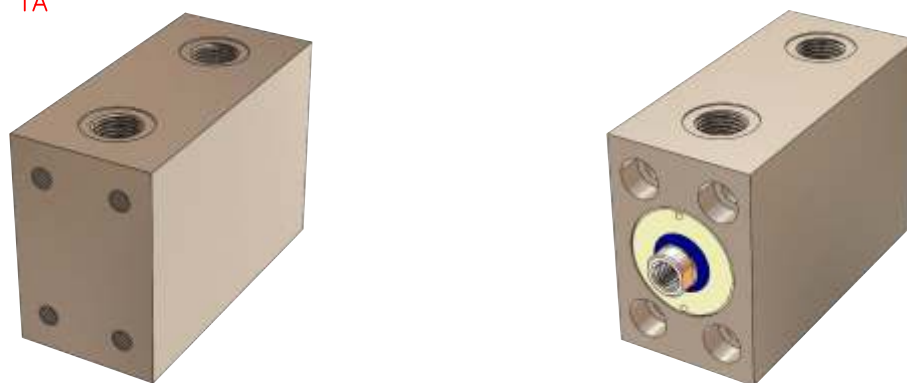




Oblik izrade 1A
 Design 1A
 Bauform 1A

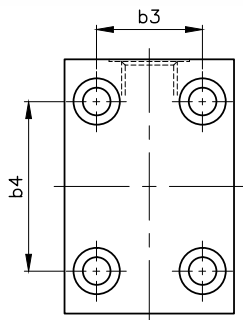


Oblik izrade 1
 Design 1
 Bauform 1

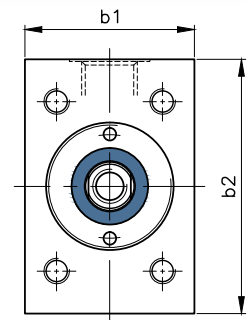
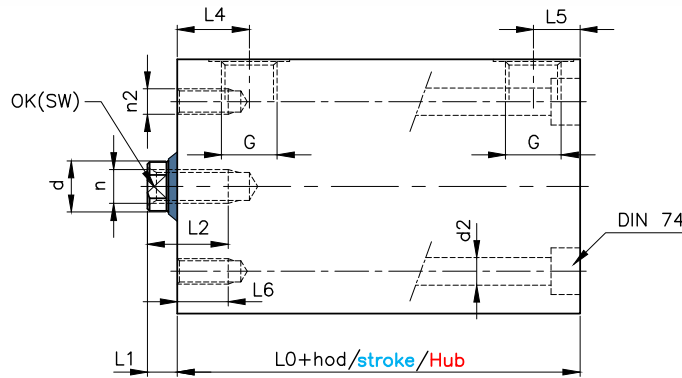


Klip Ø / Piston Ø / Kolben Ø		16	20	25	32	40	50	63	80	100	125	160	200	
d Klipnjača Ø / Piston rod Ø / Kolbenstangen Ø		10	12	16	20	25	32	40	50	60	80	100	125	
b1		40	40	45	55	63	75	95	120	150	180	230	300	
b2		60	60	65	75	85	100	125	160	200	230	300	380	
b3		22	25	30	35	40	45	65	80	108	130	160	220	
b4		40	40	50	55	63	76	95	120	158	180	230	300	
d2		6,5	6,5	8,5	10,5	10,5	13	17	21	25	32	39	52	
n		M6	M8	M10	M12	M16	M20	M27	M30	M42	M48	M56	M72	
n2		M6	M6	M8	M10	M10	M12	M16	M20	M24	M30	M36	M48	
G		G ¹ / ₄	G ¹ / ₄	G ¹ / ₄	G ¹ / ₄	G ¹ / ₄	G ¹ / ₄	G ¹ / ₂	G ¹ / ₂	G ¹ / ₂	G ¹ / ₂	G ¹ / ₂	G ³ / ₄	
L0	(+hod) uz način rada (+stroke) with the modes of operation (+ Hub) bei den Funktionsarten	D01	41	45	44	50	54	65	72	85	90	110	128	160
		D07		61	63	72	78	89	102	114	121			
		D09		78	78	83	89	104	117	133	137			
		D11		94	95	97	105	119	140	156	163			
L1			6	6,5	7	10	10	10	14	14	15	16	22	28
L2			12	14	17	20	26	32	40	40	60	70	80	100
L4	uz način rada with the modes of operation bei den Funktionsarten	D01	18	18	20	23	25	27	36	43	44	53	57	70
		D09	18	18	20	23	25	27	36	43	44			
		D07 / D11		20	21	26	28	32	43	50	50			
L5	uz način rada with the modes of operation bei den Funktionsarten	D01	11	11	11	11	11	12	17	20	18	29	32	39
		D07		11	11	11	11	12	17	20	18			
		D09 / D11		17	21	26	28	32	35	43	45			
L6			12	12	16	18	20	24	32	40	48	50	55	80
OK / SW			8	10	13	17	21	26	32	41	50			
Standardni hod Standard stroke Normhub	1		16	18	20	25	25	25	30	32	40	40	40	40
	2		50	50	50	50	50	50	63	80	100	100	100	100
	3		60	100	100	100	100	100	100	130	130			

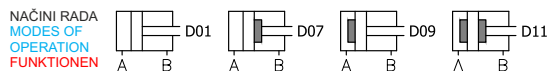
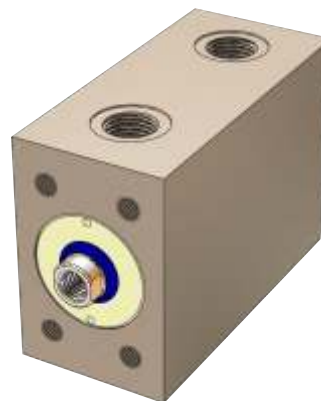




Oblik izrade 2
 Design 2
 Bauform 2

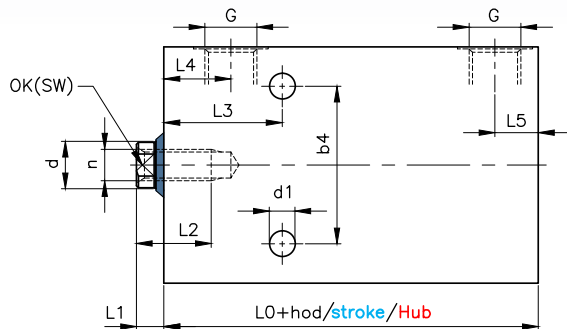


Oblik izrade 2A
 Design 2A
 Bauform 2A

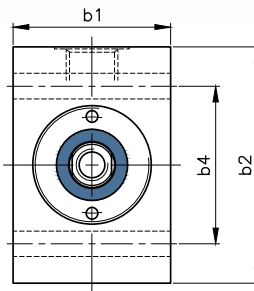


Klip Ø / Piston Ø / Kolben Ø		16	20	25	32	40	50	63	80	100	125	160	200
d Klipnjača Ø / Piston rod Ø / Kolbenstangen Ø		10	12	16	20	25	32	40	50	60	80	100	125
b1		40	40	45	55	63	75	95	120	150	180	230	300
b2		60	60	65	75	85	100	125	160	200	230	300	380
b3		22	25	30	35	40	45	65	80	108	130	160	220
b4		40	40	50	55	63	76	95	120	158	180	230	300
d2		6,5	6,5	8,5	10,5	10,5	13	17	21	25	32	39	52
n		M6	M8	M10	M12	M16	M20	M27	M30	M42	M48	M56	M72
n2		M6	M6	M8	M10	M10	M12	M16	M20	M24	M30	M36	M48
G		G ¹ / ₄	G ¹ / ₄	G ¹ / ₄	G ¹ / ₄	G ¹ / ₄	G ¹ / ₄	G ¹ / ₂	G ¹ / ₂	G ¹ / ₂	G ¹ / ₂	G ¹ / ₂	G ³ / ₄
L0 (+hod) uz način rada (+stroke) with the modes of operation (+ Hub) bei den Funktionsarten	D01	41	45	44	50	54	65	72	85	90	110	128	160
	D07		61	3	72	78	89	102	114	121			
	D09		78	8	83	89	104	117	133	137			
	D11		94	95	97	105	119	140	156	163			
L1		6	6,5	7	10	10	10	14	14	15	16	22	28
L2		12	14	17	20	26	32	40	40	60	70	80	100
L4 uz način rada with the modes of operation bei den Funktionsarten	D01	18	18	20	23	25	27	36	43	44	53	57	70
	D09	18	18	20	23	25	27	36	43	44			
	D07 / D11		20	21	26	28	32	43	50	50			
L5 uz način rada with the modes of operation bei den Funktionsarten	D01	11	11	11	11	11	12	17	20	18	29	32	39
	D07		11	11	11	11	12	17	20	18			
	D09 / D11		17	21	26	28	32	35	43	45			
L6		12	12	16	18	20	24	32	40	48	50	55	80
OK / SW		8	10	13	17	21	26	32	41	50			
Standardni hod Standard stroke Normhub	1	16	18	20	25	25	25	30	32	40	40	40	40
	2	50	50	50	50	50	50	63	80	100	100	100	100
	3		60	100	100	100	100	100	130	130			

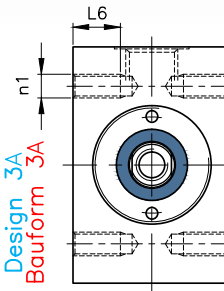




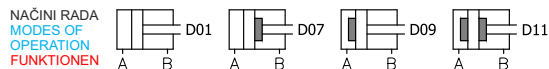
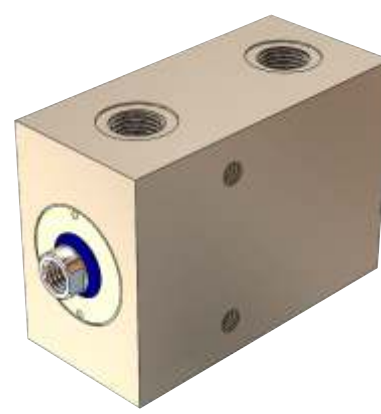
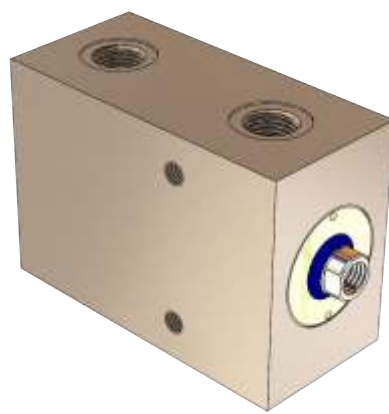
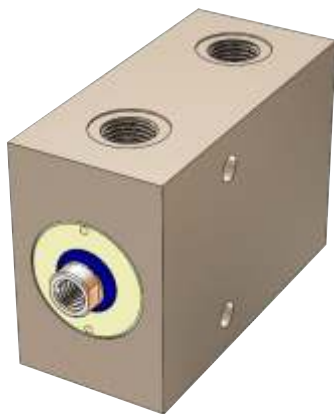
Oblik izrade 3
 Design 3
 Bauform 3



Oblik izrade 3A
 Design 3A
 Bauform 3A

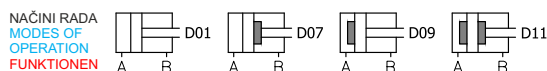
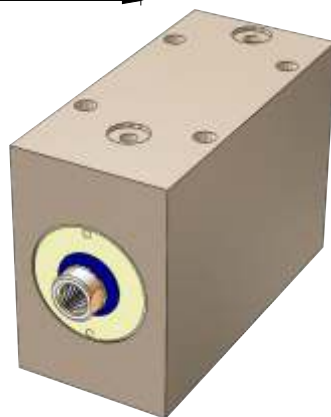
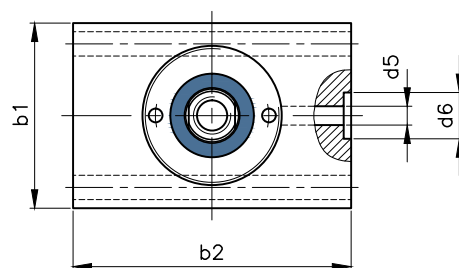
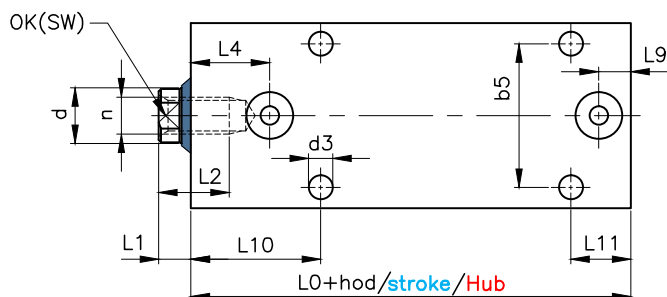


Oblik izrade 3B
 Design 3B
 Bauform 3B



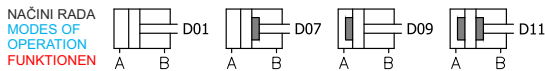
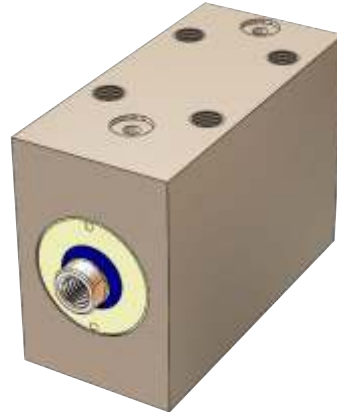
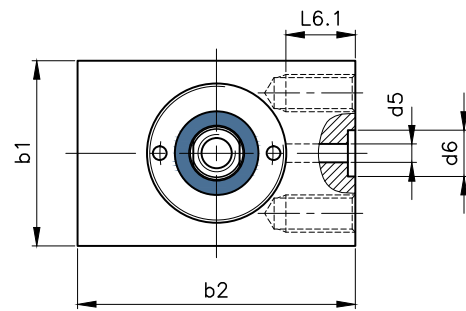
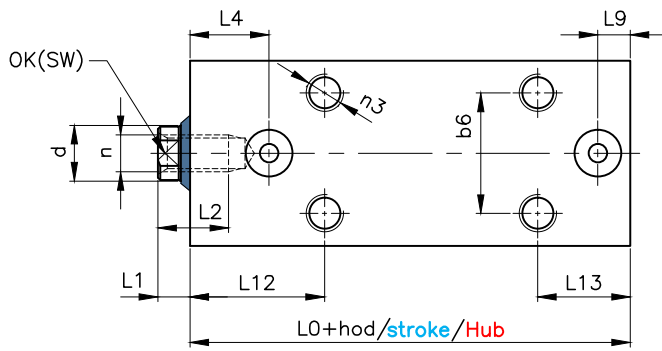
Klip Ø / Piston Ø / Kolben Ø		16	20	25	32	40	50	63	80	100	125	160	200
d Klipnjača Ø / Piston rod Ø / Kolbenstangen Ø		10	12	16	20	25	32	40	50	60	80	100	125
b1		40	40	45	55	63	75	95	120	150	180	230	300
b2		60	60	65	75	85	100	125	160	200	230	300	380
b4		40	40	50	55	63	76	95	120	158	180	230	300
d1		6,5	6,5	8,5	10,5	10,5	13	17	21	25	32	39	52
n		M6	M8	M10	M12	M16	M20	M27	M30	M42	M48	M56	M72
n1		M6	M6	M8	M10	M10	M12	M16	M20	M24	M30	M36	M48
G		G ¹ / ₄	G ¹ / ₄	G ¹ / ₄	G ¹ / ₄	G ¹ / ₄	G ¹ / ₄	G ¹ / ₂	G ¹ / ₂	G ¹ / ₂	G ¹ / ₂	G ¹ / ₂	G ³ / ₄
L0 (+hod) uz način rada (+stroke) with the modes of operation (+ Hub) bei den Funktionsarten	D01	41	45	44	50	54	65	72	85	90	110	128	160
	D07		61	63	72	78	89	102	114	121			
	D09		78	78	83	89	104	117	133	137			
	D11		94	95	97	105	119	140	156	163			
L1		6	6,5	7	10	10	10	14	14	15	16	22	28
L2		12	14	17	20	26	32	40	40	60	70	80	100
L3 uz način rada with the modes of operation bei den Funktionsarten	D01	30	30	33	38	40	44	57	67	70	82	90	112
	D09	30	30	33	38	40	44	57	67	70	82	90	112
	D07 / D11		40	44	47	49	58	66	75	82			
L4 uz način rada with the modes of operation bei den Funktionsarten	D01	18	18	20	23	25	27	36	43	44	53	57	70
	D09	18	18	20	23	25	27	36	43	44			
	D07 / D11		20	21	26	28	32	43	50	50			
L5 uz način rada with the modes of operation bei den Funktionsarten	D01	11	11	11	11	11	12	17	20	18	29	32	39
	D07	11	11	11	11	11	12	17	20	18			
	D09 / D11		17	21	26	28	32	35	43	45			
L6		12	12	16	18	20	24	32	40	48	50	55	80
OK / SW		8	10	13	17	21	26	32	41	50			
Standardni hod Standard stroke Normhub	1	16	18	20	25	25	25	30	32	40	40	40	40
	2	50	50	50	50	50	50	63	80	100	100	100	100
	3		60	100	100	100	100	100	130	130			





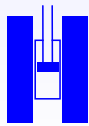
Klip \varnothing / Piston \varnothing / Kolben \varnothing	16	20	25	32	40	50	63	80	100	
d Klipnjača \varnothing / Piston rod \varnothing / Kolbenstangen \varnothing	10	12	16	20	25	32	40	50	60	
b1	40	40	45	55	63	75	95	120	150	
b2	60	60	65	75	85	100	125	160	200	
b5	26	31	35	45	53	63	79	102	130	
d3	5,2	5,2	5,2	6,5	6,5	6,5	8,5	10,5	10,5	
d5	4	4	4	5	5	6	8	8	10	
d6	10	10	10	10	10	13	13	13	16	
n	M6	M8	M10	M12	M16	M20	M27	M30	M42	
L0 (+hod) uz način rada (+stroke) with the modes of operation (+ Hub) bei den Funktionsarten	D01	41	45	44	50	54	65	72	85	90
	D07		61	63	72	78	89	102	114	121
	D09		78	78	83	89	104	117	133	137
	D11		94	95	97	105	119	140	156	163
L1	6	6,5	7	10	10	10	14	14	15	
L2	12	14	17	20	26	32	40	40	60	
L4 uz način rada with the modes of operation bei den Funktionsarten	D01 / D09	18	18	20	23	25	27	36	43	44
	D07 / D11		20	21	26	28	32	43	50	50
L9 uz način rada with the modes of operation bei den Funktionsarten	D01	7	7	7	8	8	10	13	17	22
	D07		7	7	8	8	10	13	17	22
	D09 / D11		17	18	22	24	27	26	34	35
L10 uz način rada with the modes of operation bei den Funktionsarten	D01	25	28	29	30	33	41	41	49	46
	D09		28	29	30	33	41	41	49	46
	D07 / D11		31	32	33	39	41	47	60	60
L11 uz način rada with the modes of operation bei den Funktionsarten	D01	19	13	15	11	11	13	17	21	25
	D07		13	15	11	11	13	17	21	25
	D09 / D11		31	32	33	39	41	47	60	60
OK / SW	8	10	13	17	21	26	32	41	50	
Standardni hod / Standard stroke / Normhub	1	16	18	20	25	25	30	32	40	
	2	50	50	50	50	50	50	63	80	100
	3	60	100	100	100	100	100	100	130	130





Klip Ø / Piston Ø / Kolben Ø		16	20	25	32	40	50	63	80	100
d Klipnjača Ø / Piston rod Ø / Kolbenstangen Ø		10	12	16	20	25	32	40	50	60
b1		40	40	45	55	63	75	95	120	150
b2		60	60	65	75	85	100	125	160	200
b6		20	26	31	41	49	59	75	100	130
d5		4	4	4	5	5	6	8	8	10
d6		10	10	10	10	10	13	13	13	16
n		M6	M8	M10	M12	M16	M20	M27	M30	M42
n3		M8	M8	M8	M8	M8	M8	M12	M12	M12
L0 (+hod) uz način rada (+stroke) with the modes of operation (+ Hub) bei den Funktionsarten	D01	41	45	44	50	54	65	72	85	90
	D07		61	63	72	78	89	102	114	121
	D09		78	78	83	89	104	117	133	137
	D11		94	95	97	105	119	140	156	163
L1		6	6.5	7	10	10	10	14	14	15
L2		12	14	17	20	26	32	40	40	60
L4 uz način rada with the modes of operation bei den Funktionsarten	D01/ D09	18	18	20	23	25	27	36	43	44
	D07 / D11		20	21	26	28	32	43	50	50
L6.1		16	16	16	16	18	18	22	22	22
L9 uz način rada with the modes of operation bei den Funktionsarten	D01	7	7	7	8	8	10	13	17	22
	D07		7	7	8	8	10	13	17	22
	D09 / D11		17	18	22	24	27	26	34	35
L12		28,5	29	20	22	24	27	26	34	35
L13 uz način rada with the modes of operation bei den Funktionsarten	D01	23	20	13	11	11	13	17	21	25
	D07		20	13	11	11	13	17	21	25
	D09 / D11		29	20	22	24	27	26	34	35
OK / SW		8	10	13	17	21	26	32	41	50
Standardni hod / Standard stroke / Normhub	1	16	18	20	25	25	25	30	32	40
	2	50	50	50	50	50	50	63	80	100
	3		60	100	100	100	100	100	130	130

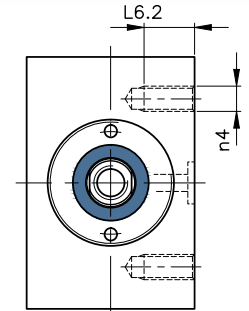
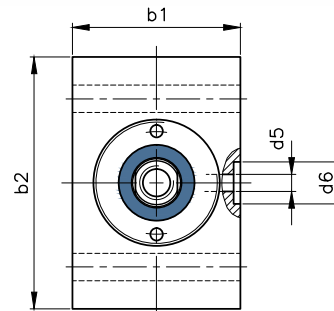
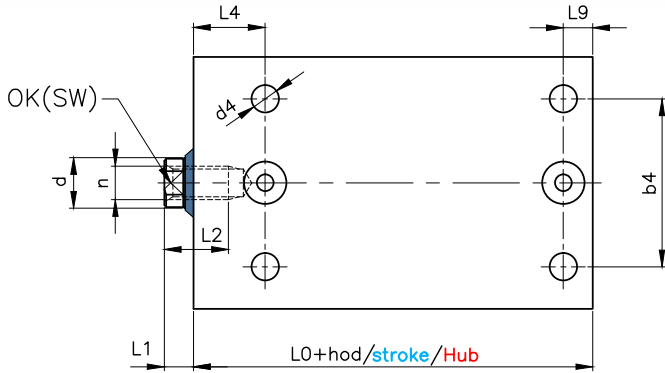




Hidropneumatika blok cilindri
 Hidropneumatika block cylinders
 Hidropneumatika Blockzylinder

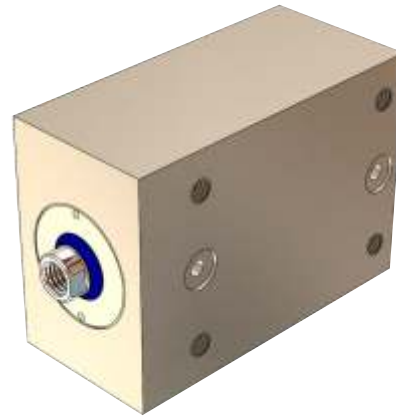
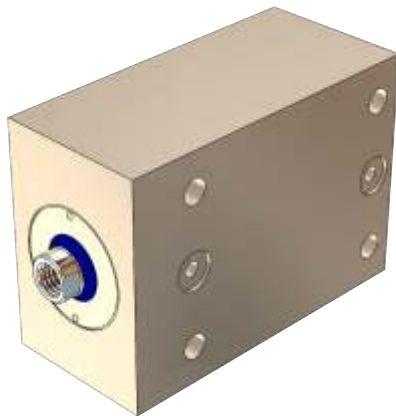
Oblik izrade
 Design 6/6A
 Bauform

BC500



Oblik izrade 6
 Design 6
 Bauform 6

Oblik izrade 6A
 Design 6A
 Bauform 6A



NAČINI RADA / MODES OF OPERATION / FUNKTIONEN

Klip \varnothing / Piston \varnothing / Kolben \varnothing		16	20	25	32	40	50	63	80	100	
d Klipnjača \varnothing / Piston rod \varnothing / Kolbenstangen \varnothing		10	12	16	20	25	32	40	50	60	
b1		40	40	45	55	63	75	95	120	150	
b2		60	60	65	75	85	100	125	160	200	
b4		40	40	50	55	63	76	95	120	158	
d4		6,5	6,5	6,5	8,5	8,5	8,5	10,5	13	13	
d5		4	4	4	5	5	6	8	8	10	
d6		10	10	10	10	10	13	13	13	16	
n		M6	M8	M10	M12	M16	M20	M27	M30	M42	
n4		M6	M6	M6	M8	M8	M8	M10	M12	M12	
L0	(+hod) uz način rada (+stroke) with the modes of operation (+ Hub) bei den Funktionsarten	D01	41	45	44	50	54	65	72	85	90
		D07		61	63	72	78	89	102	114	121
		D09		78	78	83	89	104	117	133	137
		D11		94	95	97	105	119	140	156	163
L1		6	6,5	7	10	10	10	14	14	15	
L2		12	14	17	20	26	32	40	40	60	
L4	uz način rada with the modes of operation bei den Funktionsarten	D01 / D09	18	18	20	23	25	27	36	43	44
		D07 / D11		20	21	26	28	32	43	50	50
L6.2		12	12	12	16	16	16	20	24	24	
L9	uz način rada with the modes of operation bei den Funktionsarten	D01	7	7	7	8	8	10	13	17	22
		D07		7	7	8	8	10	13	17	22
		D09 / D11		17	18	22	24	27	26	34	35
OK / SW		8	10	13	17	21	26	32	41	50	
Standardni hod Standard stroke Normhub		1	16	18	20	25	25	25	30	32	40
		2	50	50	50	50	50	50	63	80	100
		3	60	100	100	100	100	100	100	130	130



HIDROPNEUMATIKA d.o.o.

Zadržavamo pravo na izmjene

Subject to change

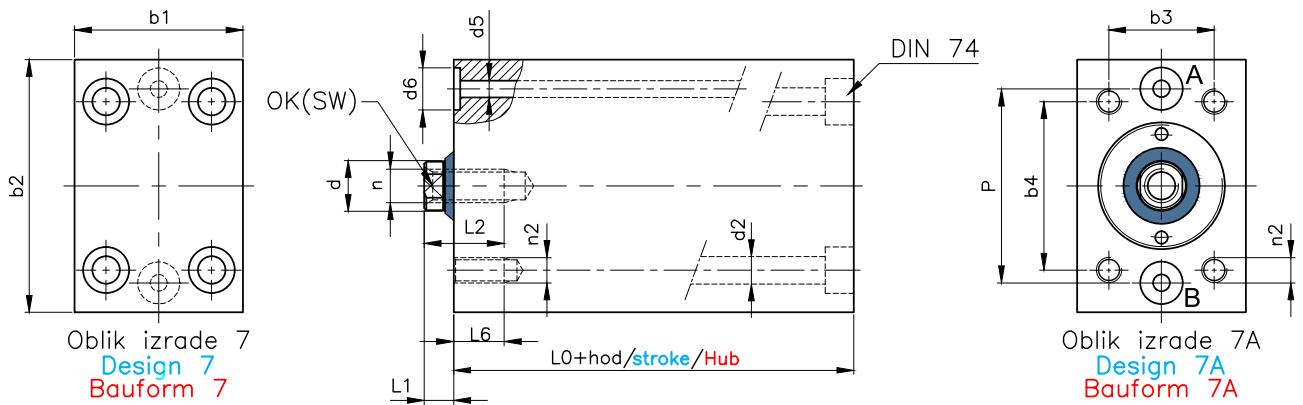
Änderungen vorbehalten

HR-10380

Sv. Ivan Zelina

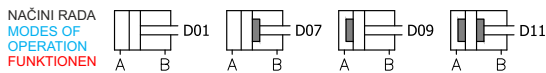
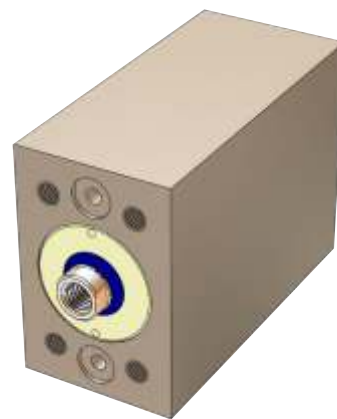
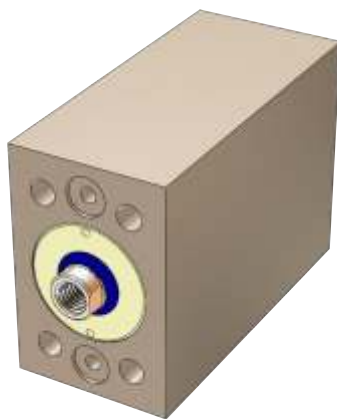
tel: +385(0)1 2069 748

fax: +385(0)1 2069 332



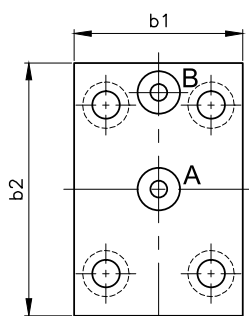
Oblik izrade 7
Design 7
Bauform 7

Oblik izrade 7A
Design 7A
Bauform 7A

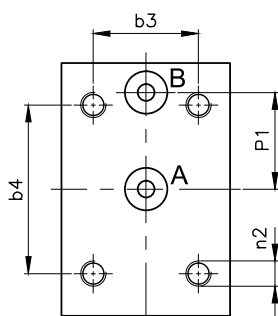


Klip Ø / Piston Ø / Kolben Ø	16	20	25	32	40	50	63	80	100	
d Klipnjača Ø / Piston rod Ø / Kolbenstangen Ø	10	12	16	20	25	32	40	50	60	
b1	40	40	45	55	63	75	95	120	150	
b2	60	60	65	75	85	100	125	160	200	
b3	22	25	30	35	40	45	65	80	108	
b4	40	40	50	55	63	76	95	120	158	
d2	6,5	6,5	8,5	10,5	10,5	13	17	21	25	
d5	4	4	4	5	5	6	8	8	10	
d6	10	10	10	10	10	13	13	13	16	
n	M6	M8	M10	M12	M16	M20	M27	M30	M42	
n2	M6	M6	M8	M10	M10	M12	M16	M20	M24	
L0 (+hod) uz način rada (+stroke) with the modes of operation (+ Hub) bei den Funktionsarten	D01	41	45	44	50	54	65	72	85	90
	D07		61	63	72	78	89	102	114	121
	D09		78	78	83	89	104	117	133	137
	D11		94	95	97	105	119	140	156	163
L1	6	6,5	7	10	10	10	14	14	15	
L2	12	14	17	20	26	32	40	40	60	
L6	12	12	16	20	20	24	32	40	48	
P	44	44	50	56	66	78	96	124	160	
OK / SW	8	10	13	17	21	26	32	41	50	
Standardni hod / Standard stroke / Normhub	1	16	18	20	25	25	30	32	40	
	2	50	50	50	50	50	63	80	100	
	3		60	100	100	100	100	130	130	

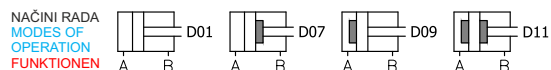
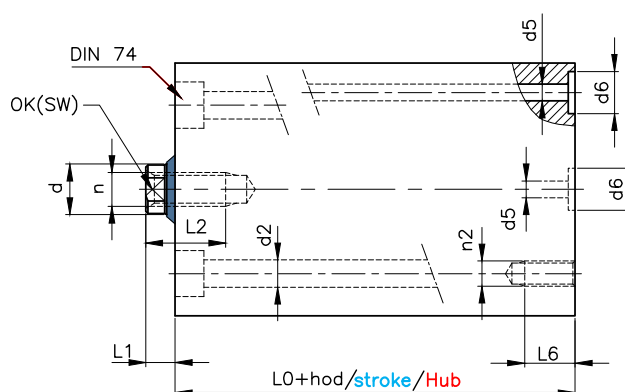




Oblik izrade 8
Design 8
Bauform 8



Oblik izrade 8A
Design 8A
Bauform 8A

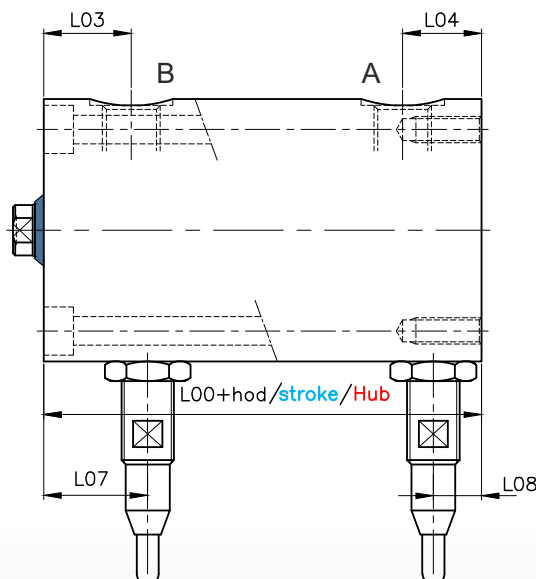


Klip Ø / Piston Ø / Kolben Ø	16	20	25	32	40	50	63	80	100	
d Klipnjača Ø / Piston rod Ø / Kolbenstangen Ø	10	12	16	20	25	32	40	50	60	
b1	40	40	45	55	63	75	95	120	150	
b2	60	60	65	75	85	100	125	160	200	
b3	22	25	30	35	40	45	65	80	108	
b4	40	40	50	55	63	76	95	120	158	
d2	6,5	6,5	8,5	10,5	10,5	13	17	21	25	
d5	4	4	4	5	5	6	8	8	10	
d6	10	10	10	10	10	13	13	13	16	
n	M6	M8	M10	M12	M16	M20	M27	M30	M42	
n2	M6	M6	M8	M10	M10	M12	M16	M20	M24	
L0 (+hod) uz način rada (+stroke) with the modes of operation (+ Hub) bei den Funktionsarten	D01	41	45	44	50	54	65	72	85	90
	D07		61	63	72	78	89	102	114	121
	D09		78	78	83	89	104	117	133	137
	D11		94	95	97	105	119	140	156	163
L1	6	6,5	7	10	10	10	14	14	15	
L2	12	14	15	15	25	30	40	40	60	
L6	12	12	16	20	20	24	32	40	48	
P1	22	22	25	28	33	39	48	62	80	
OK / SW	8	10	13	17	21	26	32	41	50	
Standardni hod Standard stroke Normhub	1	16	18	20	25	25	30	32	40	
	2	50	50	50	50	50	50	63	80	100
	3		60	100	100	100	100	100	130	130





<p>Blok cilindri BCS350 svih oblika izrade, s promjerom klipa od 16 do 100 mm, opremljeni su indukcijskim prekidačima. To su bezdodirni davači impulsa, podnose tlak do 350 bar, a služe za preciznu indikaciju (0,05 mm) položaja klipa u krajnjim pozicijama</p>	<p>Block cylinders BCS350 of all modes of operation, with piston diameter 16 to 100 mm, are equipped with induction switch. These are contactless pulse encoders, that can take pressure up to 350 bar, and serve for precise (0,05 mm) piston position indication in the pole positions</p>	<p>Blockzylinder BCS350 aller Bauformen, mit Kolben Durchmesser von 16 bis 100 mm, sind ausgestattet mit induktiven Näherungsschaltern. Das sind berührungslose Impulsegeber, druckfest bis 350 bar, die präzise (0,05 mm) die Kolbenstellung indizieren in den Endlagen</p>
<p>Standardne izvedbe prekidača nose oznake PK, PR i P, a omogućuju indikacijski signal u krajnjim točkama hoda klipa</p>	<p>Standard design of the switches carry the mark PK, PR and P, and allow indication signal in endpoints of a piston stroke</p>	<p>Die Standardausführungen der Schalter tragen die Kennzeichen PK, PR und P. Diese ermöglichen ein indiziertes Signal in der Endlage des Kolbenwegs</p>
<p>Točka indikacije može biti pomaknuta prije krajnjih točaka hoda klipa za vrijednosti 1,2,3,4 ili 5 mm, a budući da se radi o nepodesivoj konstrukcijskoj veličini, odabranu vrijednost treba navesti u narudžbi</p>	<p>Indication point can be shifted before endpoints of a piston stroke for values 1, 2, 3, 4 or 5 mm, and since this is a non-adjustable construction size, the selected value must be specified in the order</p>	<p>Der Schaltpunkt kann um 1, 2, 3, 4 oder 5 mm vor der Endlage vorverlegt werden. Dieser wird werkseitig nach Kundenwunsch hergestellt und kann nachträglich nicht geändert werden</p>
<p>Podaci o prekidačima i točki indikacije/ Information about switches and indication points/ Angaben über Schalter und Schaltpunkte</p>		
<p>PK – za prekidače sa kutnim utikačem PR – za prekidače s ravnim utikačem P – za prekidače bez utikača (kabel zaliven u prekidaču)</p>	<p>PK – for switches with angled plug PR – for switches with straight plug P – for switches without plug (cable is sealed in the switch)</p>	<p>PK – für Schalter mit abgewinkeltm Stecker PR – für Schalter mit geradem Stecker P – für Schalter ohne Stecker (das Kabel ist im Schalter eingegossen)</p>
<p>Primjer: AB 0 – signal označava točan ($\pm 0,05$ mm) krajnji položaj klipa u komori A i B (standardna izvedba) B 2 – signal označava položaj klipa 2 mm prije krajnje točke hoda u komori B A 4 – signal označava položaj klipa 4 mm prije krajnje točke hoda u komori A</p>	<p>Example: AB 0 – signal indicates the exact ($\pm 0,05$ mm) end position of the piston in the chamber A and B (standard design) B 2 – signal indicates position of the piston 2 mm before the end point of the stroke in chamber B A 4 – signal indicates position of the piston 4 mm before the end point of the stroke in chamber A</p>	<p>Beispiel: AB 0 – das Signal kennzeichnet die genaue ($\pm 0,05$ mm) Endlage des Kolbens in den Kammern A und B (Standard - Ausführung) B 2 – das Signal kennzeichnet die Lage des Kolbens 2 mm vor der Endlage in der Kammer B A 4 – das Signal kennzeichnet die Lage des Kolbens 4 mm vor der Endlage in der Kammer A</p>





BALLUFF SENZOR

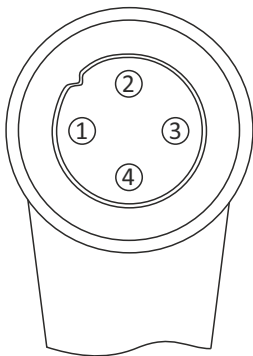
BALLUFF SENZOR

BALLUFF SENZOR

Položaj kablova na utikaču

Position of cables on the plug

Position der Kabel auf dem Schalter



1 – Smeđa, **Brown, Braun**

2 – Bijela, **White, Weiss**

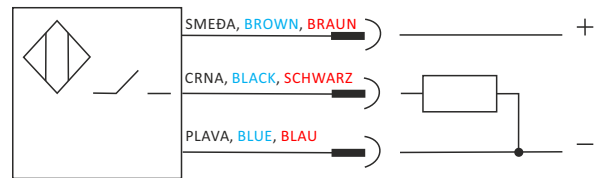
3 – Plava, **Blue, Blau**

4 – Crna, **Black, Schwarz**

Shematski prikaz prekidača

Schematic representation of the switch

Schematische Darstellung des Schalters

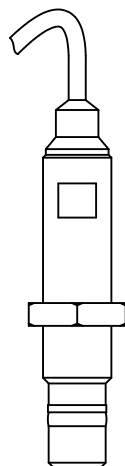
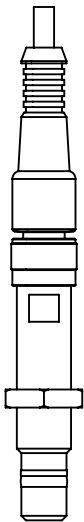


PR

Prekidač s ravnim utikačem

Switch with straight plug

Gerader Stecker Schalter



P

Prekidač bez utikača

Switch without plug

Schalter ohne Stecker

PK

Prekidač s kutnim utikačem

LED – pokazivač funkcije - žuto

LED – pokazivač napona - zeleno

Switch with angle plug

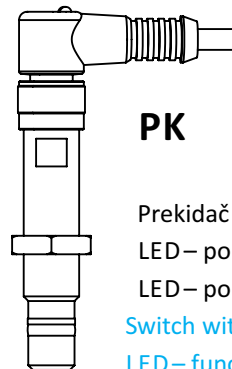
LED – function indicator – yellow

LED – voltage indicator – green

Winkel – Steckerschalter

LED – Funktionsanzeige gelb

LED – Betriebsspannungsanzeige grün





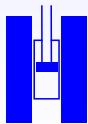
Tehnički podaci / Technical Data / Technische Daten	
Funkcija izlaznog prekidanja Output switching function Ausgangsschaltfunktion	Tranzistorski prekidački element PNP tipa normalno otvoren PNP normally open contact PNP Schliesser
Radni napon U Operating voltage U Betriebsspannung U	10...30 V DC
Disipacija Dissipation Inkl. Restwelligkeit	≤15%
Struja u radnom hodu I _a Current work load I _a Strombelastbarkeit I _a	200 mA
Struja u praznom hodu I _r Current at no load I _r Leerlaufstrom I _r	10 mA
Frekvencija prekidanja f _{max} Switching frequency f _{max} Schaltfrequenz f _{max}	1000 Hz
Histerezni gubici H Switching hysteresis H Schalthysterese H	≤15%
Nazivni razmak reakcije S _n Nominal spacing reactions S _n Nennschaltabstand S _n	1,5 mm
Zaštita od kratkog spoja Protection against short circuit Kurzschlussfest	DA YES JA
Zaštita od zamjene polova Protected polarity reversal Verpolungssicher	DA YES JA
Temperatura okruženja Ambient temperature Umgebungstemperatur	-25...+70°C
Za visoke tlakove For high pressure Hochdruckfest	do 350 bar to 350 bar bis 350 bar
Vrsta kabla Type of Cable Kabelart	PVC/PUR otporan na ulja PVC/PUR resistant to oil PVC/PUR Ölfest
Zaštita Protection Schutzart	IP 68 (IEC 60529)
Materijal kućišta Housing material Gehäusewerkstoff	1.4104 (nehrđajući čelik) 1.4104 (Stainless steel) 1.4104 (Edelstahl)

* **BES 516-300-S 323-S 4-D** do promjera klipa 50 mm, **BES 516-300-S 321-S 4-D** od promjera klipa 63 mm

* **BES 516-300-S 323-S 4-D** up to 50 mm diameter, **BES 516-300-S 321-S 4-D** from 63 mm diameter piston

* **BES 516-300-S 323-S 4-D** bis 50 mm Durchmesser, **BES 516-300-S 321-S 4-D** ab 63 mm Durchmesser Kolben





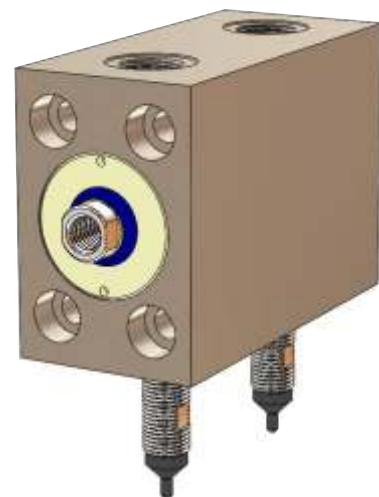
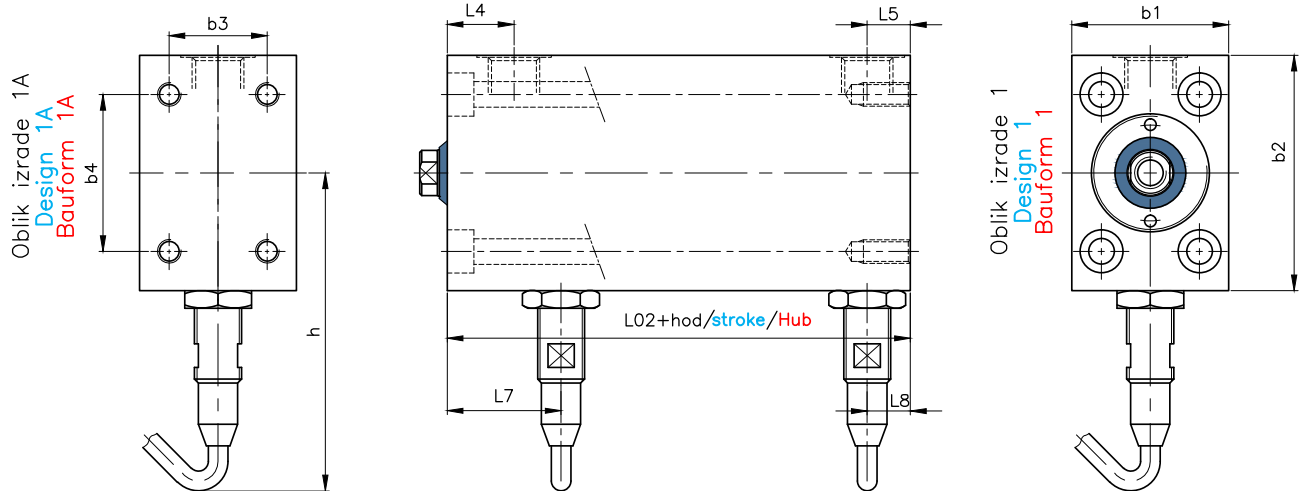
Hidropneumatika blok cilindri s indukcijskim prekidačima
 Hidropneumatika block cylinders with proximity sensors
 Hidropneumatika Blockzylinder mit Näherungsschaltern

Oblik izrade

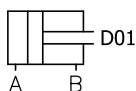
Design **1/1A**

Bauform

BCS350



NAČIN RADA
 MODES OF
 OPERATION
 FUNKTIONEN



Klip Ø / Piston Ø / Kolben Ø	16	20	25	32	40	50	63	80	100
d Klipnjača Ø / Piston rod Ø / Kolbenstangen Ø	10	12	16	20	25	32	40	50	60
b1	40	40	45	55	63	75	95	120	150
b2	60	60	65	75	85	100	125	160	200
b3	22	25	30	35	40	45	65	80	108
b4	40	40	50	55	63	76	95	120	158
h					110	115	122	129	139
L02 (+hod) / (+stroke) / (+ Hub)	69	68	66,5	70	75	89	94	105	111
L4	18	18	20	23	25	27	36	43	44
L5	11	11	11	11	11	12	17	20	18
L7	23	24,5	26,5	29,5	31,5	35,5	40,5	48,5	50
L8	13	13	13	14	16	17	17	20	24
OK / SW	8	10	13	17	21	26	32	41	50
Standardni hod Standard stroke Normhub	1	16	18	20	25	25	30	32	40
	2	50	50	50	50	50	63	80	100
	3		60	100	100	100	100	130	130

Ostale kote odgovaraju BC500 / Other measures correspond BC500 / Andere Maße entsprechen BC500



HIDROPNEUMATIKA d.o.o.

Zadržavamo pravo na izmjene

Subject to change

Änderungen vorbehalten

HR-10380

Sv. Ivan Zelina

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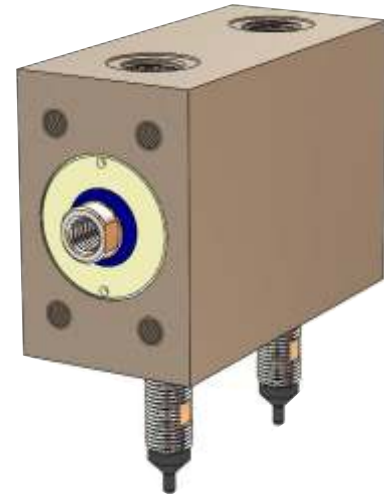
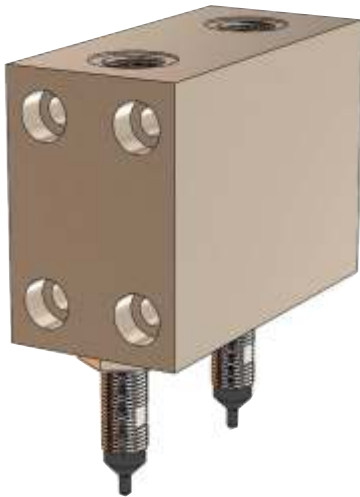
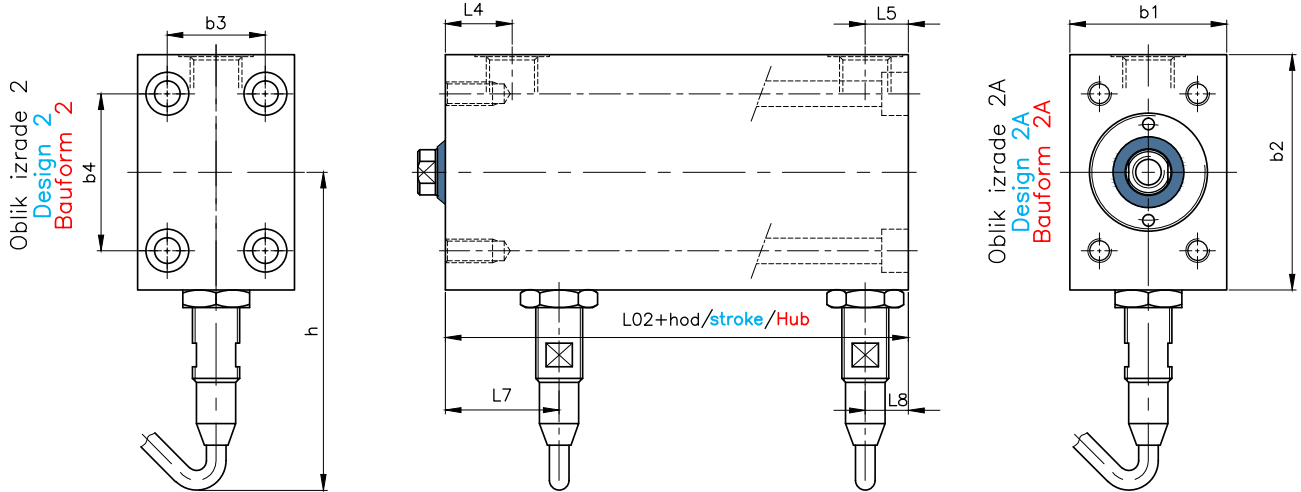
Hidropneumatika blok cilindri s indukcijskim prekidačima
 Hidropneumatika block cylinders with proximity sensors
 Hidropneumatika Blockzylinder mit Näherungsschaltern

Oblik izrade

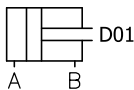
Design **2/2A**

Bauform

BCS350



NAČIN RADA
 MODES OF
 OPERATION
 FUNKTIONEN



Klip Ø / Piston Ø / Kolben Ø	16	20	25	32	40	50	63	80	100
d Klipnjača Ø / Piston rod Ø / Kolbenstangen Ø	10	12	16	20	25	32	40	50	60
b1	40	40	45	55	63	75	95	120	150
b2	60	60	65	75	85	100	125	160	200
b3	22	25	30	35	40	45	65	80	108
b4	40	40	50	55	63	76	95	120	158
h					110	115	122	129	139
L02 (+hod) / (+stroke) / (+ Hub)	69	68	66,5	70	75	89	94	105	111
L4	18	18	20	23	25	27	36	43	44
L5	11	11	11	11	11	12	17	20	18
L7	23	24,5	26,5	29,5	31,5	35,5	40,5	48,5	50
L8	13	13	13	14	16	17	17	20	24
OK / SW	8	10	13	17	21	26	32	41	50
Standardni hod Standard stroke Normhub	1	16	18	20	25	25	30	32	40
	2	50	50	50	50	50	63	80	100
	3		60	100	100	100	100	130	130

Ostale kote odgovaraju BC500 / Other measures correspond BC500 / Andere Maße entsprechen BC500



Zadržavamo pravo na izmjene

Subject to change

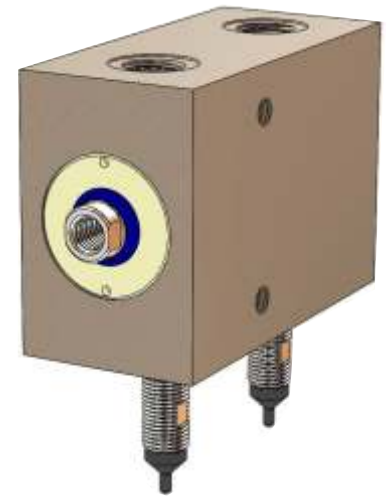
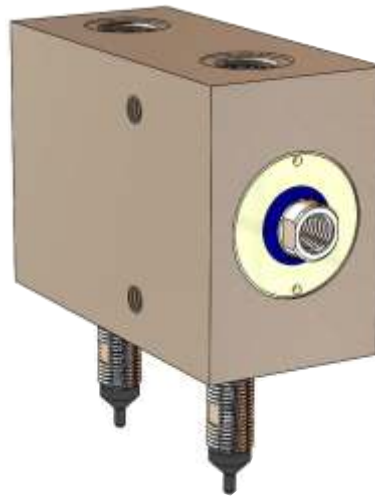
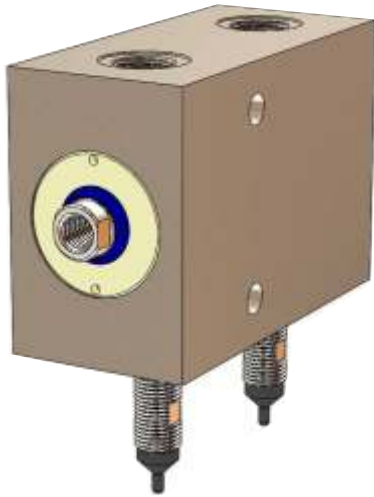
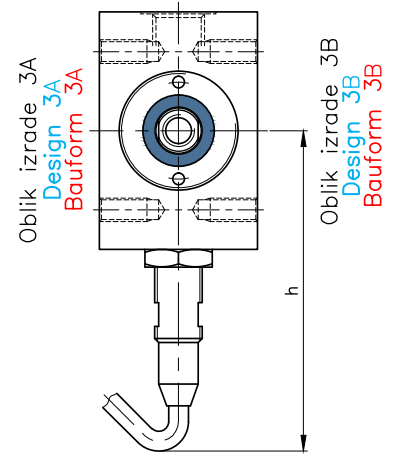
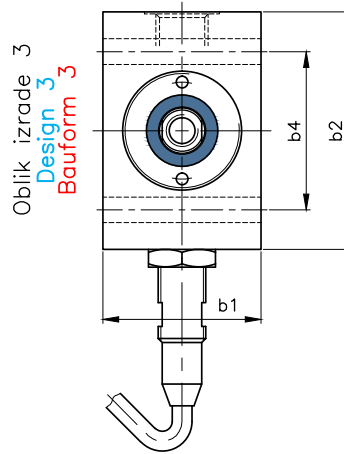
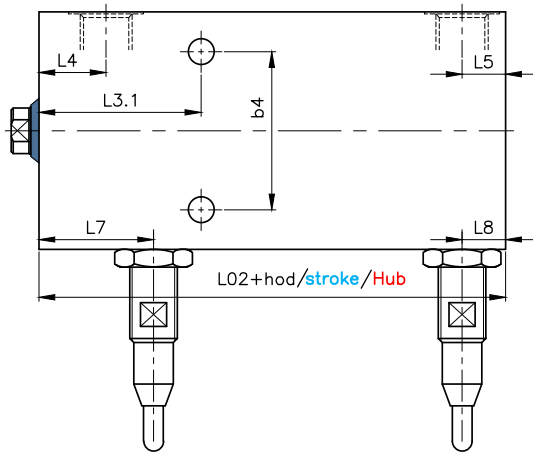
Änderungen vorbehalten

HIDROPNEUMATIKA d.o.o.

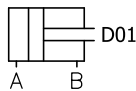
HR-10380 Sv. Ivan Zelina

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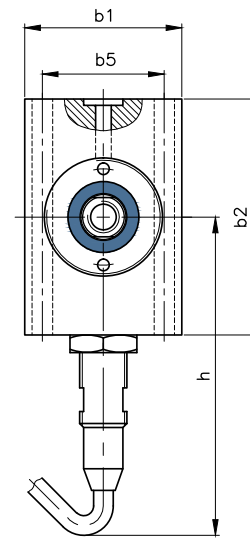
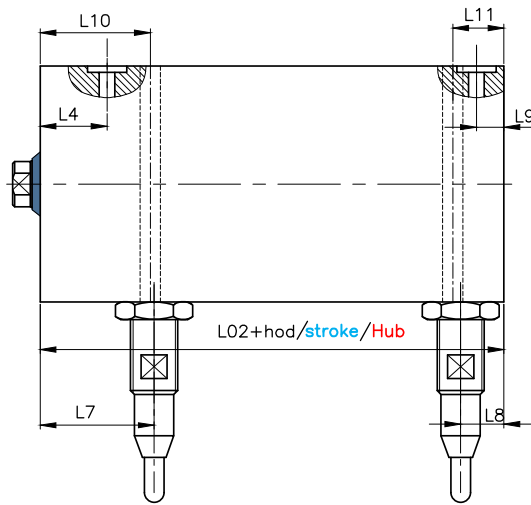
NAČIN RADA
 MODES OF
 OPERATION
 FUNKTIONEN



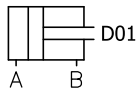
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d Klipnjača Ø / Piston rod Ø / Kolbenstangen Ø	10	12	16	20	25	32	40	50	60
b1	40	40	45	55	63	75	95	120	150
b2	60	60	65	75	85	100	125	160	200
b4	40	40	50	55	63	76	95	120	158
h					110	115	122	129	139
L02 (+hod) / (+stroke) / (+ Hub)	69	68	66,5	70	75	89	94	105	111
L3.1	40	41	44	47	49	58	59	68	73
L4	18	18	20	23	25	27	36	43	44
L5	11	11	11	11	11	12	17	20	18
L7	23	24.5	26.5	29.5	31.5	35.5	40.5	48.5	50
L8	13	13	13	14	16	17	17	20	24
OK / SW	8	10	13	17	21	26	32	41	50
Standardni hod Standard stroke Normhub	1	16	18	20	25	25	30	32	40
	2	50	50	50	50	50	63	80	100
	3		60	100	100	100	100	100	130

Ostale kote odgovaraju BC500 / Other measures correspond BC500 / Andere Maße entsprechen BC500





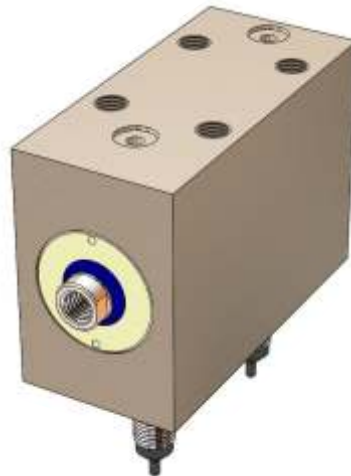
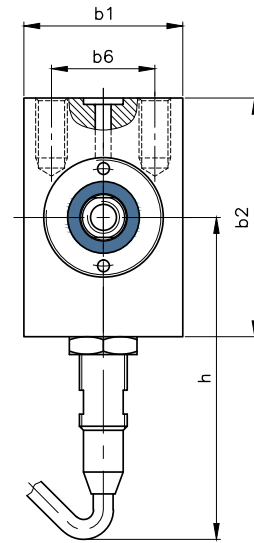
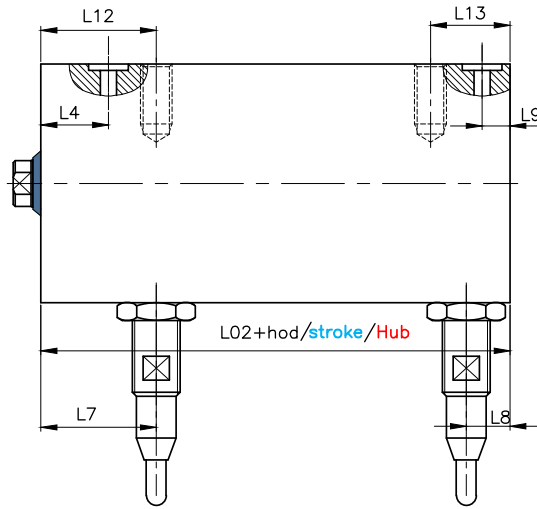
NAČIN RADA
 MODES OF
 OPERATION
 FUNKTIONEN



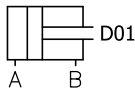
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b1		40	40	45	55	63	75	95	120	150
b2		60	60	65	75	85	100	125	160	200
b5		26	31	35	45	53	63	79	102	130
h						110	115	122	129	139
L02 (+hod) / (+stroke) / (+ Hub)		69	68	66,5	70	75	89	94	105	111
L4		18	18	20	23	25	27	36	43	44
L7		23	24,5	26,5	29,5	31,5	35,5	40,5	48,5	50
L8		13	13	13	14	16	17	17	20	24
L9		7	7	7	8	8	10	13	17	22
L10		25	28	29	30	33	41	41	49	46
L11		19	13	15	11	11	13	17	21	25
OK / SW		8	10	13	17	21	26	32	41	50
Standardni hod	1	16	18	20	25	25	25	30	32	40
Standard stroke	2	50	50	50	50	50	50	63	80	100
Normhub	3		60	100	100	100	100	100	130	130

Ostale kote odgovaraju BC500 / Other measures correspond BC500 / Andere Maße entsprechen BC500





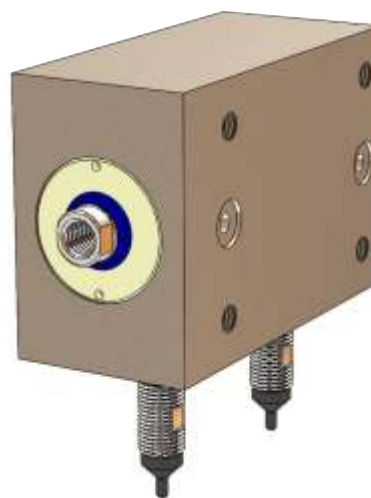
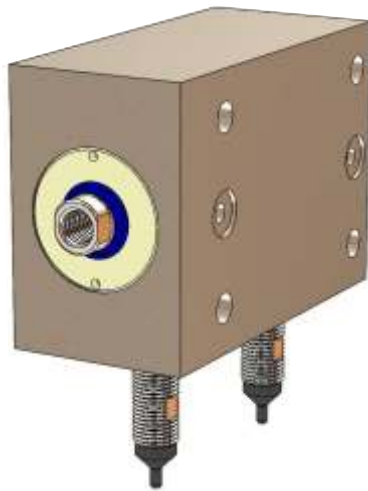
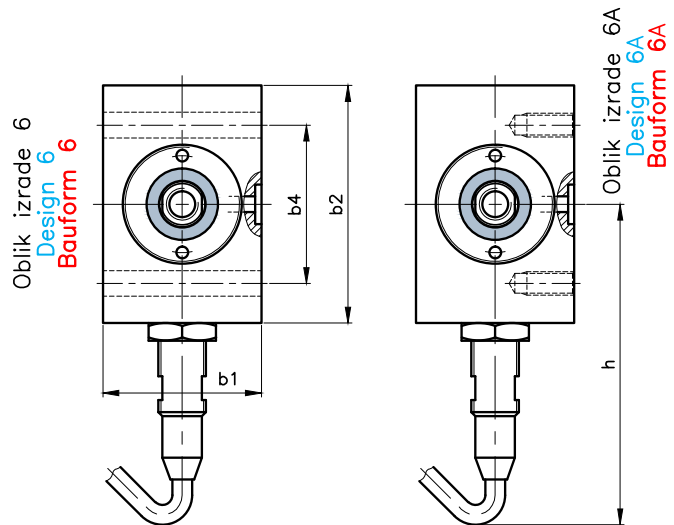
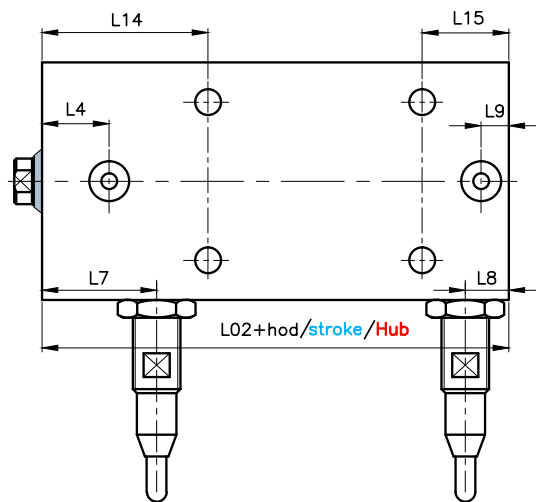
NAČIN RADA
 MODES OF
 OPERATION
 FUNKTIONEN



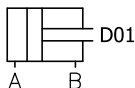
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b1	40	40	45	55	63	75	95	120	150
b2	60	60	65	75	85	100	125	160	200
b6	20	26	31	41	49	59	75	100	130
h					110	115	122	129	139
L02 (+hod) / (+stroke) / (+ Hub)	69	68	66,5	70	75	89	94	105	111
L4	18	18	20	23	25	27	36	43	44
L7	23	24,5	26,5	29,5	31,5	35,5	40,5	48,5	50
L8	13	13	13	14	16	17	17	20	24
L9	7	7	7	8	8	10	13	17	22
L12	28,5	29	20	22	24	27	26	34	35
L13	23	20	13	11	11	13	17	21	25
OK / SW	8	10	13	17	21	26	32	41	50
Standardni hod	1	16	18	20	25	25	30	32	40
Standard stroke	2	50	50	50	50	50	63	80	100
Normhub	3		60	100	100	100	100	130	130

Ostale kote odgovaraju BC500 / Other measures correspond BC500 / Andere Maße entsprechen BC500





NAČIN RADA
 MODES OF
 OPERATION
 FUNKTIONEN



Klip \varnothing / Piston \varnothing / Kolben \varnothing		16	20	25	32	40	50	63	80	100
d Klipnjača \varnothing / Piston rod \varnothing / Kolbenstangen \varnothing		10	12	16	20	25	32	40	50	60
b1		40	40	45	55	63	75	95	120	150
b2		60	60	65	75	85	100	125	160	200
b4		40	40	50	55	63	76	95	120	158
h						110	115	122	129	139
L02 (+hod) / (+stroke) / (+ Hub)		69	68	66,5	70	75	89	94	105	111
L4		18	18	20	23	25	27	36	43	44
L7		23	24,5	26,5	29,5	31,5	35,5	40,5	48,5	50
L8		13	13	13	14	16	17	17	20	24
L9		7	7	7	8	8	10	13	17	22
L14		40	42	44	47	49	58	59	68	73
L15		25	25	26	28	30	32	41	47	54
OK / SW		8	10	13	17	21	26	32	41	50
Standardni hod	1	16	18	20	25	25	25	30	32	40
Standard stroke	2	50	50	50	50	50	50	63	80	100
Normhub	3		60	100	100	100	100	100	130	130

Ostale kote odgovaraju BC500 / Other measures correspond BC500 / Andere Maße entsprechen BC500





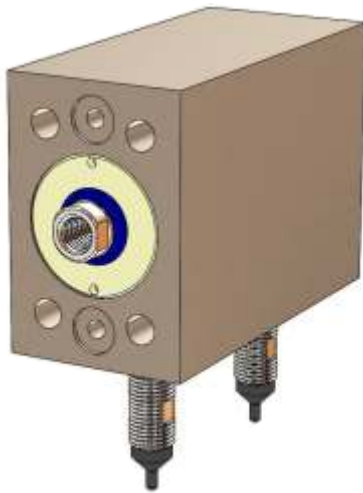
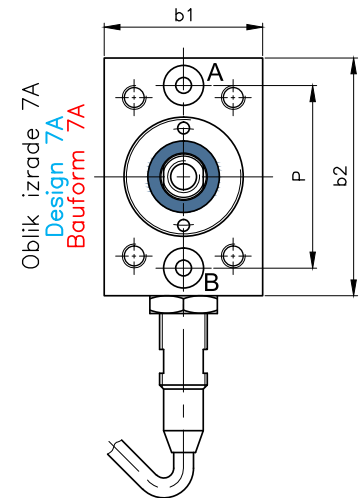
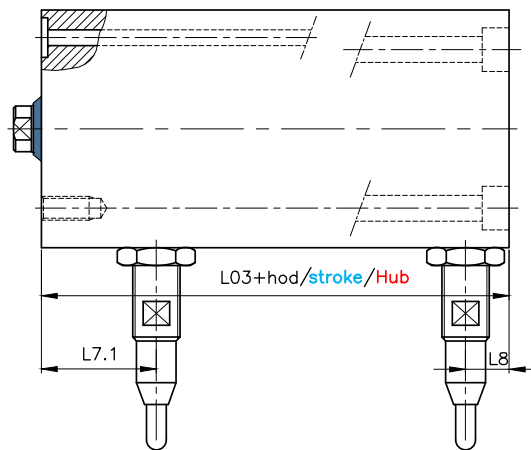
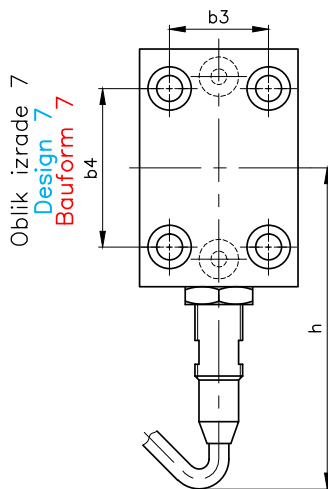
Hidropneumatika blok cilindri s indukcijskim prekidačima
 Hidropneumatika block cylinders with proximity sensors
 Hidropneumatika Blockzylinder mit Näherungsschaltern

Oblik izrade

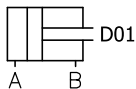
Design 7/7A

Bauform

BCS350



NAČIN RADA
 MODES OF OPERATION
 FUNKTIONEN



Klip Ø / Piston Ø / Kolben Ø	16	20	25	32	40	50	63	80	100
d Klipnjača Ø / Piston rod Ø / Kolbenstangen Ø	10	12	16	20	25	32	40	50	60
b1	40	40	45	55	63	75	95	120	150
b2	60	60	65	75	85	100	125	160	200
b3	22	25	30	35	40	45	65	80	108
b4	40	40	50	55	63	76	95	120	158
h					110	115	122	129	139
L02 (+hod) / (+stroke) / (+ Hub)	77	76	72.5	76	80	94	100	111	111
L71	31	32.5	32.5	35.5	36.5	42.5	47.5	54.5	49.5
L8	13	13	13	14	16	17	17	20	24
P	44	44	50	56	66	78	96	124	160
OK / SW	8	10	13	17	21	26	32	41	50
Standardni hod Standard stroke Normhub	1	16	18	20	25	25	30	32	40
	2	50	50	50	50	50	63	80	100
	3		60	100	100	100	100	130	130

Ostale kote odgovaraju BC500 / Other measures correspond BC500 / Andere Maße entsprechen BC500



HIDROPNEUMATIKA d.o.o.

Zadržavamo pravo na izmjene

Subject to change

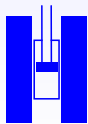
Änderungen vorbehalten

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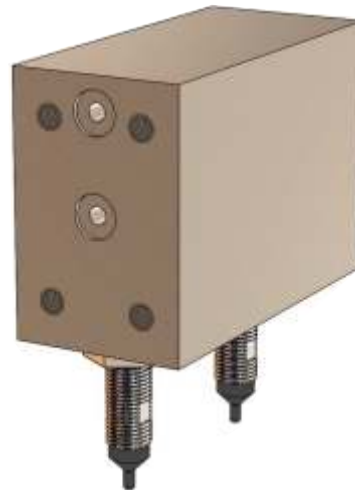
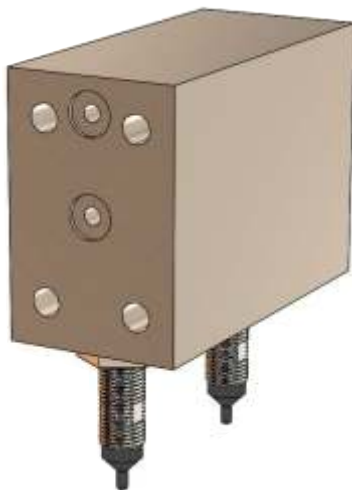
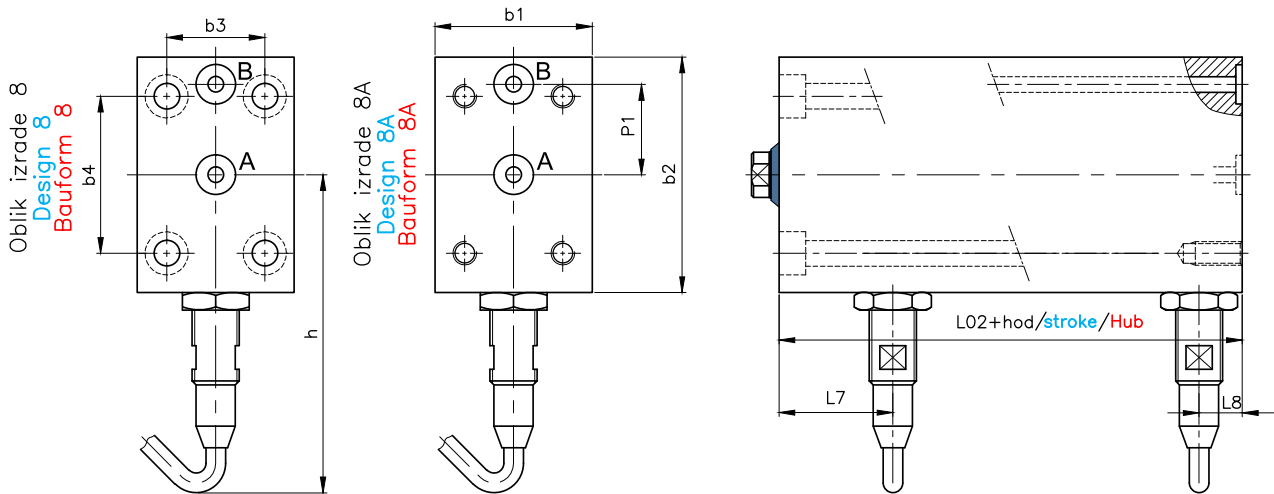
Hidropneumatika blok cilindri s indukcijskim prekidačima
 Hidropneumatika block cylinders with proximity sensors
 Hidropneumatika Blockzylinder mit Näherungsschaltern

Oblik izrade

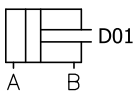
Design **8/8A**

BCS350

Bauform



NAČIN RADA
 MODES OF
 OPERATION
 FUNKTIONEN



Klip \varnothing / Piston \varnothing / Kolben \varnothing	16	20	25	32	40	50	63	80	100
d Klipnjača \varnothing / Piston rod \varnothing / Kolbenstangen \varnothing	10	12	16	20	25	32	40	50	60
b1	40	40	45	55	63	75	95	120	150
b2	60	60	65	75	85	100	125	160	200
b3	22	25	30	35	40	45	65	80	108
b4	40	40	50	55	63	76	95	120	158
h					110	115	122	129	139
L02 (+hod) / (+stroke) / (+ Hub)	69	68	66.5	70	75	89	94	105	111
L7	23	24.5	26.5	29.5	31.5	35.5	40.5	48.5	50
L8	13	13	13	14	16	17	17	20	24
P1	22	22	25	28	33	39	48	62	80
OK / SW	8	10	13	17	21	26	32	41	50
Standardni hod Standard stroke Normhub	1	16	18	20	25	25	30	32	40
	2	50	50	50	50	50	63	80	100
	3		60	100	100	100	100	130	130

Ostale kote odgovaraju BC500 / Other measures correspond BC500 / Andere Maße entsprechen BC500



HIDROPNEUMATIKA d.o.o.

Zadržavamo pravo na izmjene

Subject to change

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