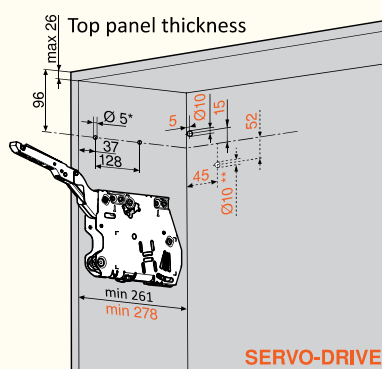


Blum AVENTOS HK Stay Lift

- Soft Closing and soft opening action
- Variable stop position
- Fast easy assembly using clip technology
- Small Programme huge application variety
- Suitable for wall cabinets with cornice
- Excellent durability
- Simple and fast tension adjustment for optimum action
- Minimum cabinet depth 278 mm
- No protruding parts for safe and easy transport
- Narrow arm for maximum storage within the cabinet
- New SERVO Drive for AVENTOS, the electrical motion support for wall cabinets

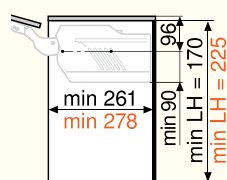


Drilling Position

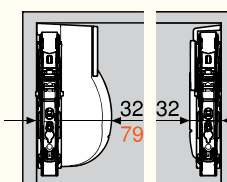


- * Drill depth 5 mm
- ** Alternative drilling

Space Requirement

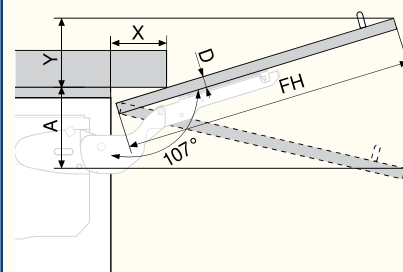


SERVO-DRIVE



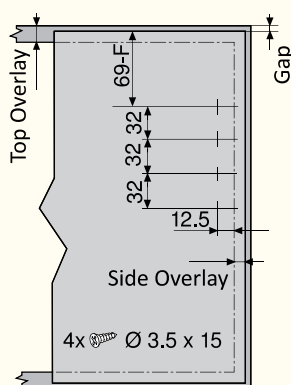
SERVO-DRIVE

Cornice Clearance

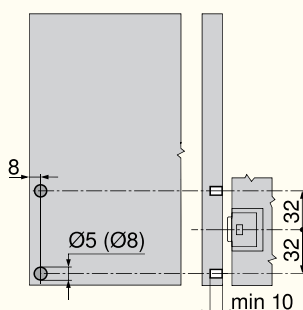


D (mm)	16	19	22	26	28
X (mm)	70	59	49	35	26
Opening Angle Stop	Required Space				
Without	$Y = FH \times 0.29 - 15 + D$				
100° (see page 3.11)	$Y = FH \times 0.17 - 15 + D$				
75° (see page 3.11)	$A = FH \times 0.26 + 15 - D$				

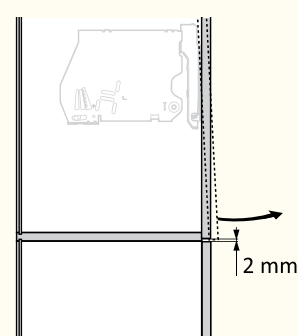
Front Fixing Position



Door Bumper Position SERVO-DRIVE



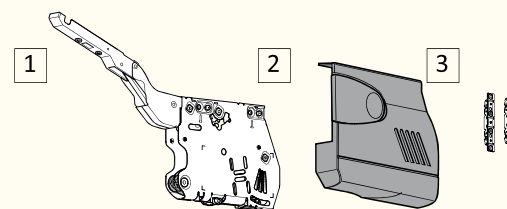
Minimum Gap (for opening)



NOTE: To obtain the perfect motion AVENTOS HK works on Power Factor (PF). $PF = \text{Cabinet height} \times \text{door weight}$ including double handle weight in kg. The tables opposite assume the optimum PF based on 20 mm MDF Door

AVENTOS HK Sets

1. Mechanism 2 pieces
2. Cover Caps L+R
3. Front brackets 2 pieces



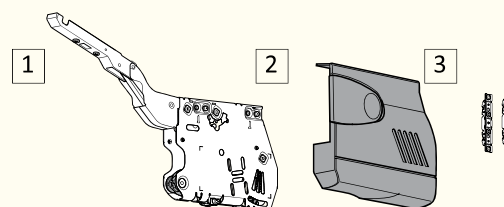
Blum AVENTOS HK Stay Lift Set

Door Height	Cabinet Width (mm)					
	500 mm	600 mm	800 mm	900 mm	1000 mm	1200 mm
283 mm	B20K2850 (480-1500 PF*)	B20K2860 (750-2500 PF*)	B20K2880 (750-2500 PF*)	B20K2890 (750-2500 PF*)	B20K2810 (750-2500 PF*)	B20K2812 (750-2500 PF*)
355 mm	B20K3550 (750-2500 PF*)	B20K3560 (750-2500 PF*)	B20K3580 (750-2500 PF*)	B20K3590 (750-2500 PF*)	B20K3510 (1500-4900 PF*)	B20K3512 (1500-4900 PF*)
400 mm	B20K4050 (750-2500 PF*)	B20K4060 (750-2500 PF*)	B20K4080 (1500-4900 PF*)	B20K4090 (1500-4900 PF*)	B20K4010 (1500-4900 PF*)	B20K4012 (1500-4900 PF*)
450 mm	B20K4550 (750-2500 PF*)	B20K4560 (1500-4900 PF*)	B20K4580 (1500-4900 PF*)	B20K4590 (1500-4900 PF*)	B20K4510 (1500-4900 PF*)	B20K4512 (1500-4900 PF*)

Based on 20 mm MDF Door. PF* = Power Factor. Power factor guide see page 3.14

AVENTOS HK TIP-ON Sets

1. Mechanism 2 pieces
2. Cover Caps L+R
3. Front brackets 2 pieces

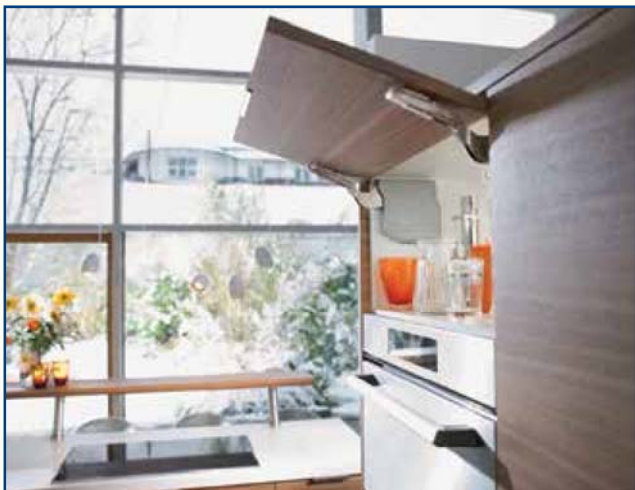


Note: AVENTOS TIP-ON requires a TIP-ON Piston 956A1004 see page 4.44
Also available with SERVO-DRIVE, lead times apply.

Blum AVENTOS HK TIP-ON Stay Lift Set

Door Height	Cabinet Width (mm)					
	500 mm	600 mm	800 mm	900 mm	1000 mm	1200 mm
283 mm	B20K2850T (480-1500 PF*)	B20K2860T (750-2500 PF*)	B20K2880T (750-2500 PF*)	B20K2890T (750-2500 PF*)	B20K2810T (750-2500 PF*)	B20K2812T (750-2500 PF*)
355 mm	B20K3550T (750-2500 PF*)	B20K3560T (750-2500 PF*)	B20K3580T (750-2500 PF*)	B20K3590T (750-2500 PF*)	B20K3510T (1500-4900 PF*)	B20K3512T (1500-4900 PF*)
400 mm	B20K4050T (750-2500 PF*)	B20K4060T (750-2500 PF*)	B20K4080T (1500-4900 PF*)	B20K4090T (1500-4900 PF*)	B20K4010T (1500-4900 PF*)	B20K4012T (1500-4900 PF*)
450 mm	B20K4550T (750-2500 PF*)	B20K4560T (1500-4900 PF*)	B20K4580T (1500-4900 PF*)	B20K4590T (1500-4900 PF*)	B20K4510T (1500-4900 PF*)	B20K4512T (1500-4900 PF*)

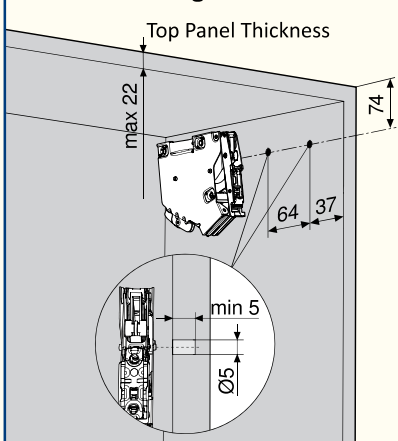
Based on 20 mm MDF Door. PF* = Power Factor. Power factor guide see page 3.14



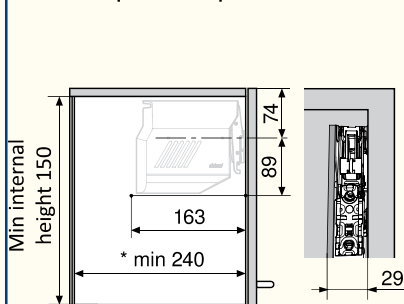
AVENTOS HK-S Stay Lift for small - Mid Doors

- Specifically for small stay lift doors
- Soft Closing and soft opening action
- Variable stop position
- Fast easy assembly using clip technology
- Small Programme huge application variety
- Suitable for wall cabinets with cornice
- Excellent durability
- Simple and fast tension adjustment for optimum action
- Minimum cabinet depth 240mm
- No protruding parts for safe and easy transport

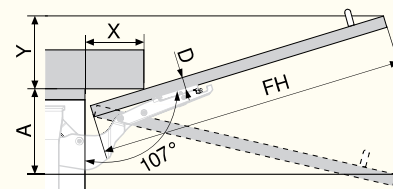
Drilling Position



Space Requirement

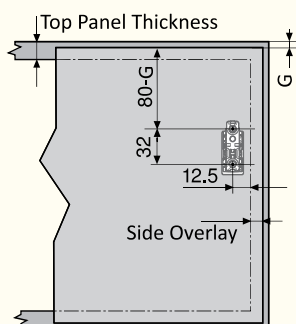


Cornice Clearance

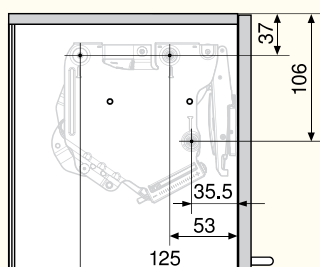


D (mm)	16	19	22	26	28
X (mm)	70	59	49	35	26
Opening Angle Stop	Required Space				
Without	$Y = FH \times 0.29 - 15 + D$				
100° (see page 3.11)	$Y = FH \times 0.17 - 15 + D$				
75° (see page 3.11)	$A = FH \times 0.26 + 15 - D$				

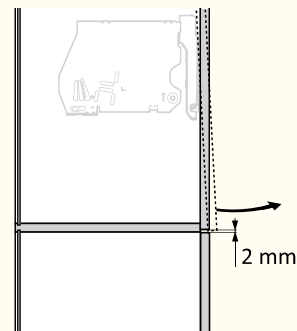
Front Fixing Position



Side Fixing Position



Minimum Gap (for opening)



NOTE: To obtain the perfect motion AVENTOS HK-S works on Power Factor (PF). PF = Cabinet height x door weight including double handle weight in kg. The tables opposite assume the optimum PF based on 20 mm MDF Door

AVENTOS HK-S Sets

1. Mechanism 2 pieces
2. Cover Caps L+R
3. Front brackets 2 pieces



Blum AVENTOS HK-S Stay Lift Set

Door Height	Cabinet Width (mm)					
	400 mm	500 mm	600 mm	800 mm	900 mm	1000 mm
283 mm	B20KS2840 (400-1000 PF*)	B20KS2850 (400-1000 PF*)	B20KS2860 (400-1000 PF*)	B20KS2880 (960-2215 PF*)	B20KS2890 (960-2215 PF*)	B20KS2810 (960-2215 PF*)
355 mm	B20KS3540 (960-2215 PF*)	B20KS3550 (960-2215 PF*)	B20KS3560 (960-2215 PF*)	B20KS3580 (960-2215 PF*)	B20KS3590 (960-2215 PF*)	B20KS3510 (960-2215 PF*)
400 mm	B20KS4040 (960-2215 PF*)	B20KS4050 (960-2215 PF*)	B20KS4060 (960-2215 PF*)	B20KS4080 (960-2215 PF*)		
450 mm	B20KS4540 (750-2500 PF*)	B20KS4550 (750-2500 PF*)	B20KS4560 (750-2500 PF*)			

Based on 20 mm MDF Door. PF* = Power Factor. Power factor guide see page 3.14

AVENTOS HK-S TIP-ON Sets

1. Mechanism 2 pieces
2. Cover Caps L+R
3. Front brackets 2 pieces



Note: AVENTOS TIP-ON requires a TIP-ON Piston 9561004 see page 4.44

Blum AVENTOS HK-S TIP-ON Stay Lift Set

Door Height	Cabinet Width (mm)					
	40T0 mm	50T0 mm	600 mm	800 mm	900 mm	1000 mm
283 mm	B20KS2840T (40T0-1000 PF*)	B20KS2850T (40T0-1000 PF*)	B20KS2860T (40T0-1000 PF*)	B20KS2880T (960-2215 PF*)	B20KS2890T (960-2215 PF*)	B20KS2810T (960-2215 PF*)
355 mm	B20KS3540T (960-2215 PF*)	B20KS3550T (960-2215 PF*)	B20KS3560T (960-2215 PF*)	B20KS3580T (960-2215 PF*)	B20KS3590T (960-2215 PF*)	B20KS3510T (960-2215 PF*)
400 mm	B20KS4040T (960-2215 PF*)	B20KS4050T (960-2215 PF*)	B20KS4060T (960-2215 PF*)	B20KS4080T (960-2215 PF*)		
450 mm	B20KS4540T (960-2215 PF*)	B20KS4550T (960-2215 PF*)	B20KS4560T (960-2215 PF*)			

Based on 20 mm MDF Door. PF* = Power Factor. Power factor guide see page 3.14

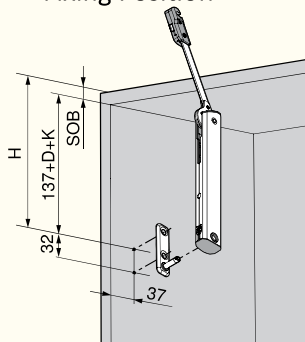
AVENTOS HK-XS Stay Lift

Blum AVENTOS HK-XS Stay Lift

- Closes silently and effortlessly in conjunction with CLIP top BLUMOTION hinges
- Well-balanced quality of motion due to light operating forces, a variable stop and BLUMOTION
- Simple, virtually tool-free assembly and easy adjustment
- Small Programme huge application variety
- Symmetrical lift mechanism – can be used on one or both sides
- Simple and fast tension adjustment for optimum action
- Minimum cabinet depth 125 mm
- Narrow telescopic arm (27 mm) for maximum storage within the cabinet



Fixing Position



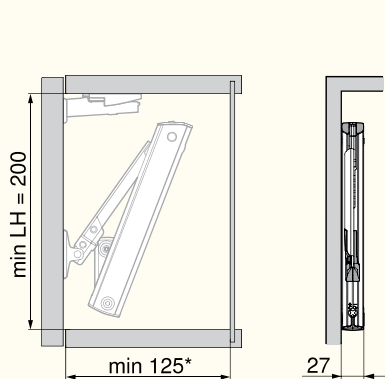
$$H = 137 + D + K + SOB$$

D = Mounting plate spacing

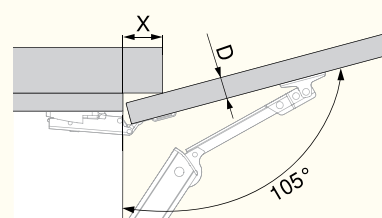
K = Hinge crank (Straight = 0/
Half Crank = 9.5/ Full Crank 18)

SOB = Top Panel Thickness

Space Requirement



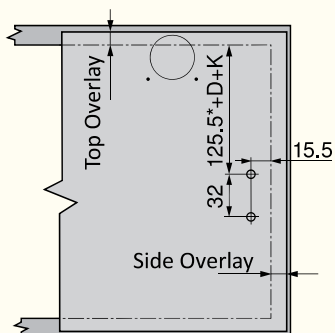
Cornice Clearance



D (mm)	16	19	22	24
X (mm)	45	34	23	15

D = Door Thickness

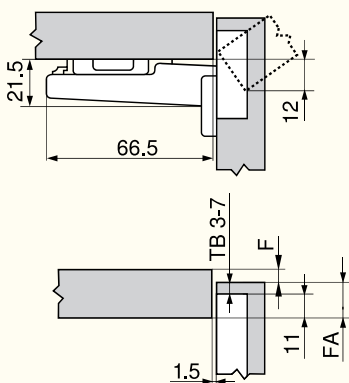
Front Fixing Position



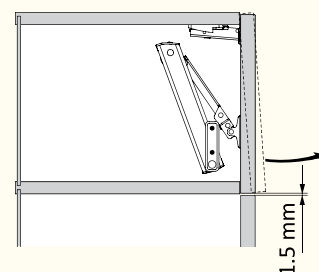
D = Mounting plate spacing

K = Hinge crank (Straight = 0/
Half Crank = 9.5/ Full Crank 18)

Hinge Positions



Minimum Gap
(for opening)



NOTE: To obtain the perfect motion AVENTOS HK-XS works on Power Factor (PF). PF = Cabinet height x door weight including double handle weight in kg. The tables opposite assume the optimum PF based on 20 mm MDF Door

AVENTOS HK-XS Sets including BLUMOTION hinges

1. Mechanism 1 or 2 pieces
2. Screw on front brackets
3. Screw on cabinet brackets
4. Screw On 71B355 Blumotion Hinges
5. Screw On Horizontal plates



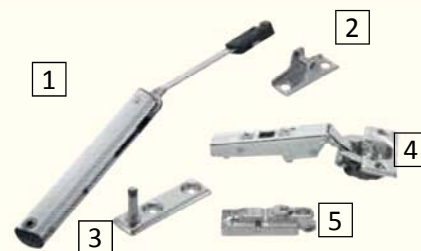
Blum AVENTOS HK-XS Lift Up Set (No hinges)

Door Height	Cabinet Width (mm)					
	500 mm	600 mm	800 mm	900 mm	1000 mm	1200 mm
283 mm	B20KX2850H (200-1000 PF*)	B20KX2860H (200-1000 PF*)	B20KX2880H (500-1500 PF*)	B20KX2890H (500-1500 PF*)	B20KX2810H (800-1800 PF*)	B20KX2812H (750-2500 PF*)
355 mm	B20KX3550H (800-1800 PF*)	B20KX3560H (800-1800 PF*)	B20KX3580H (700-2500 PF*)	B20KX3590H (700-2500 PF*)	B20KX3510H (700-2500 PF*)	B20KX3512H (1300-3000 PF*)
400 mm	B20KX4050H (800-1800 PF*)	B20KX4060H (700-2500 PF*)	B20KX4080H (1500-4900 PF*)	B20KX4090H (1300-3000 PF*)	B20KX4010H (1300-3000 PF*)	B20KX4012H (1600-3600 PF*)

Based on 20 mm MDF Door. PF* = Power Factor. Power factor guide see page 3.14

AVENTOS HK-XS TIP-ON Sets including unsprung hinges

1. Mechanism 1 or 2 pieces
2. Screw on front brackets
3. Screw on cabinet brackets
4. Screw On 70T355TL Unsprung Hinges
5. Screw On Horizontal plate



Note: AVENTOS TIP-ON requires a TIP-ON Piston 9561004 see page 4.44

Blum AVENTOS HK-S TIP-ON Lift Up Set

Door Height	Cabinet Width (mm)					
	500 mm	600 mm	800 mm	900 mm	1000 mm	1200 mm
283 mm	B20KX2850TH (200-1000 PF*)	B20KX2860TH (200-1000 PF*)	B20KX2880TH (500-1500 PF*)	B20KX2890TH (500-1500 PF*)	B20KX2810TH (800-1800 PF*)	B20KX2812TH (750-2500 PF*)
355 mm	B20KX3550TH (800-1800 PF*)	B20KX3560TH (800-1800 PF*)	B20KX3580TH (700-2500 PF*)	B20KX3590TH (700-2500 PF*)	B20KX3510TH (700-2500 PF*)	B20KX3512TH (1300-3000 PF*)
400 mm	B20KX4050TH (800-1800 PF*)	B20KX4060TH (700-2500 PF*)	B20KX4080TH (1500-4900 PF*)	B20KX4090TH (1300-3000 PF*)	B20KX4010TH (1300-3000 PF*)	B20KX4012TH (1600-3600 PF*)

Based on 20 mm MDF Door. PF* = Power Factor. Power factor guide see page 3.14