KTR-STOP[®] PB P-05x-Axx-xx Active caliper brakes

Pneumatic brake system





	KTR-STOP® PB P-05x-Axx-xx											
KTR-STOP® PB type	A in mm	Ø B in mm	V / stroke in dm ³	Weight in kg	Pressure connection	Thickness of brake disk G in mm	Operating temperature in °C					
P-051-A00-xx	50	40	0.02	1.0	G 1/8	8 - 12.7						
P-050-A02-xx	145	97	0.07	1.7	C 1/4	10 15	-20 to +80					
P-050-A03-xx	120	120	0.15	2.0	G 1/4	12 - 15						

Ondering	KTR-STOP [®] PB	Р	- 050	-	А	02	- 12.7
example:	KTR brake	Pneumatic	Size		Active	Actuator	Thickness of brake disk in mm

Braking torques

KTR-STOP® PB P-051-A00-xx



Braking torque: $M_{Br dyn}$ in Nm ($M_{Br stat.} = 0.9 \times M_{Br dyn}$.)





Braking torque: $M_{Br dyn}$ in Nm ($M_{Br stat.} = 0.9 \times M_{Br dyn}$.)





Braking torque: $M_{Br dyn}$ in Nm ($M_{Br stat.} = 0.9 \times M_{Br dyn}$)

KTR-STOP® PB P-100-Axx-xx Active caliper brakes

Pneumatic brake system





Illustration exemplary. The actuator design may vary depending on the combination. Horizontal mounting position. Please consult with us in case of deviations.

KTR-STOP [®] PB P-100-Axx-xx												
KTR-STOP [®] PB type	A in mm	Ø B in mm	V / stroke in dm ³	Weight in kg	Pressure connection	Thickness of brake disk G in mm	T_{A} in Nm	Operating temperature in °C				
P-100-A01-xx	40	170	0.04	3.1			15					
P-100-A02-xx	97	185	0.07	3.6	G 1/4	10 15		00 to 1 80				
P-100-A03-xx	120	175	0.15	4.0		12 - 15	60	-20 10 +80				
P-100-A05-xx	144	180	0.30	4.3	G 3/8							

Ordenian	KTR-STOP [®] PB	Р	- 100	- A	02	- 12.7
example:	KTR brake	Pneumatic	Size	Active	Actuator	Thickness of brake disk in mm

45

Braking torques

KTR-STOP® PB P-100-A01-xx



KTR-STOP® PB P-100-A02-xx











KTR-STOP® PB P-200-Axx-xx Active caliper brakes

Pneumatic brake system





	KTR-STOP® PB P-200-Axx-xx												
KTR-STOP® PB type	A in mm	ØBinmm	C in mm	V / stroke in dm ³	Weight in kg	Pressure connection	Thickness of brake disk G in mm	Operating temperature in °C					
P-200-A02-xx	155	97	236	0.07	8.2	0.1/4							
P-200-A03-xx	151	120	248	0.15	8.6	G 1/4	10 15	00 to 1 80					
P-200-A05-xx	151	144	260	0.30	8.8	C 2/9	12 - 15	-20 to +80					
P-200-A07-xx	165	180	278	0.43	9.6	G 3/8							

Ondering	KTR-STOP [®] PB	Р	- 200	- A	02	- 12.7
example:	KTR brake	Pneumatic	Size	Active	Actuator	Thickness of brake disk in mm

KTR-STOP® PB P-200-A02-xx



Braking torque: M_{Br dyn}. in Nm (M_{Br stat.} = 0.9 x M_{Br dyn}.)

KTR-STOP® PB P-200-A03-xx





KTR-STOP® PB P-200-A05-xx



KTR-STOP® PB P-200-A07-xx



Braking torque: M_{Br dyn}. in Nm (M_{Br stat.} = 0.9 x M_{Br dyn}.)

KTR-STOP[®] PB P-2xx-Axx-xx Active caliper brakes

Pneumatic brake system





	KTR-STOP® PB P-2xx-Axx-xx												
KTR-STOP [®] PB type	A in mm	Ø B in mm	C in mm	D in mm	F in mm	V / stroke in dm ³	Weight in kg	Pressure con- nection	Thickness of brake disk G in mm	Operating temperature in °C			
P-215-A02-xx	154			130	75		9.6		12 - 15				
P-225-A02-xx	156	97	241	140	84	0.07	0.0		25.4				
P-230-A02-xx	157			144	75		8.8	C 1/4	30				
P-215-A03-xx	156			130	/5		0.7	G 1/4	12 - 15				
P-225-A03-xx	150	120	252	140	84	0.15	8.7		25.4				
P-230-A03-xx	157			144	75		8.9		30				
P-215-A05-xx				130	75		0.1		12 - 15	-20 to +80			
P-225-A05-xx	159	144	064	140	84	0.20	9.1		25.4				
P-230-A05-xx]	144	204	144	75	0.30	0.0		30				
P-245-A05-xx	156			154	84		9.3	0.0/0	45				
P-215-A07-xx				130	75		0.0	G 3/8	12 - 15				
P-225-A07-xx	164	190	000	140	84	0.42	9.9		25.4				
P-230-A07-xx		180	282	144	75	0.43	10.1		30				
P-245-A07-xx	161			154	84		10.1		45				

0.1.1	KTR-STOP [®] PB	P	- 215 -	А	02	- 12.7
example:	KTR brake	Pneumatic	Size	Active	Actuator	Thickness of brake disk in mm



KTR-STOP[®] PB P-2xx-A02-xx





Braking torque: MBr dyn. in Nm (MBr stat. = 0.9 x MBr dyn.)





Braking torque: MBr dyn. in Nm (MBr stat. = 0.9 x MBr dyn.)





KTR-STOP[®] PB P-250-Axx-xx Active caliper brakes

Pneumatic brake system





	KTR-STOP® PB P-250-Axx-xx												
KTR-STOP® PB type	A in mm	Ø B in mm	C in mm	V / stroke in dm ³	Weight in kg	Pressure connection	Thickness of brake disk G in mm	Operating temperature in °C					
P-250-A02-12.7	160	07	0.40	0.07			12.7						
P-250-A02-25.4	157	97	242	0.07	7.4	C 1/4	25.4						
P-250-A03-12.7	150	100	054	0.15	7.5	G 1/4	12.7						
P-250-A03-25.4	147	120	204	0.15	7.5		25.4	00 to 1 80					
P-250-A05-12.7	150	144	000	0.00	7.0		12.7	-20 10 +60					
P-250-A05-25.4	147	144	200	0.30	7.9	0.0/0	25.4						
P-250-A07-12.7	160	100	004	0.45	0.7	G 3/8	12.7						
P-250-A07-25.4	157	180	264	0.45	0.7		25.4						

Orada nina n	KTR-STOP® PB	Р	- 250	-	А	02 ·	- 12.7
example:	KTR brake	Pneumatic	Size		Active	Actuator	Thickness of brake disk in mm

KTR-STOP® PB P-250-A02-xx



KTR-STOP[®] PB P-250-A03-xx



Braking torque: MBr dyn. in Nm (MBr stat. = 0.9 x MBr dyn.)

KTR-STOP® PB P-250-A05-xx



KTR-STOP[®] PB P-250-A07-xx



Braking torque: MBr dyn. in Nm (MBr stat. = 0.9 x MBr dyn.)

KTR-STOP[®] PB P-300-Axx-xx Active caliper brakes

Pneumatic brake system





Illustration exemplary. The actuator design may vary depending on the combination. Horizontal mounting position. Please consult with us in case of deviations.

he standard is a cylinder	mounted on	the right - to	or mounting of	on the left p	lease specity in	your order.

	KTR-STOP [®] PB P-300-Axx-xx											
KTR-STOP [®] PB type	A in mm	Ø B in mm	C in mm	V / stroke in dm ³	Weight in kg	Pressure connection	Thickness of brake disk G in mm	Operating temperature in °C				
P-300-A05-30	155	144	260	0.20	02.0		30					
P-300-A05-38	145	144	270	0.30	23.2	C 2/2	38	00 to 1 90				
P-300-A07-30	160	100	280	0.40	04.0	G 3/8	30	-20 to +80				
P-300-A07-38	150	180	290	0.42	24.0		38					

Ordering	KTR-STOP [®] PB	P ·	- 300 -	A	05	- 30
example:	KTR brake	Pneumatic	Size	Active	Actuator	Thickness of brake disk in mm

Braking torques

KTR-STOP® PB P-300-A05-xx



Braking torque: MBr dyn. in Nm (MBr stat. = 0.9 x MBr dyn.)

KTR-STOP[®] PB P-300-A07-xx





KTR-STOP[®] PB P-350-Axx-xx Active caliper brakes

Pneumatic brake system







Horizontal mounting position. Please consult with us in case of deviations.

The standard is a cylinder mounted on the right - for mounting on the left please specify in your order.

KTR-STOP [®] PB P-350-A35-25.4											
KTR-STOP [®] PB type	V / stroke in dm ³	Weight in kg	Pressure connection	Thickness of brake disk G in mm	Operating temperature in °C						
P-350-A35-25.4	2	49.7	G 1/2	25.4	-20 to +80						

Ordening	KTR-STOP® PB	P ·	- 350 -	А	35	- 25.4
example:	KTR brake	Pneumatic	Size	Active	Actuator	Thickness of brake disk in mm

Braking torques

KTR-STOP® PB P-350-A35-25.4



Braking torque: MBr dyn. in Nm (MBr stat. = 0.9 x MBr dyn.)

KTR-STOP[®] PB P-050-Pxx-xx Passive caliper brakes

Pneumatic brake system





Horizontal mounting position. Please consult with us in case of deviations. The standard is a cylinder mounted on the right - for mounting on the left please specify in your order.

0 e

	KTR-STOP [®] PB P-050-Pxx-xx												
KTR-STOP [®] PB type	TOP® PB type Pmin in bar Pmax in bar V / stroke in dm³ Weight in kg Pressure con- nection frike fressure con- frike fressure con- fressure con- fressu						Min. diameter o brake disk in mr	f Operating temperature in °C					
P-050-P02-xx	5	8	0.015	1.7	G 1/4	12 - 15	5	150	-20 to +80				
				Braki	ng torques								
				Nominal diamet	ter of brake disk in	mm							
150		200		250	3	300		400	460				
	Braking torque: MBr dyn. in Nm (MBr stat. = 0.9 x MBr dyn.)												
60	60 80 110 130 180 210												

and a solar as	KTR-STOP [®] PB	Р	- 050	- P	02 ·	- 12.7
xample:	KTR brake	Pneumatic	Size	Passive	Actuator	Thickness of brake disk in mm

KTR-STOP[®] PB P-100-Pxx-xx Passive caliper brakes

Pneumatic brake system





Illustration exemplary. The actuator design may vary depending on the combination. Horizontal mounting position. Please consult with us in case of deviations.

KTR-STOP [®] PB P-050-Pxx-xx														
KTR-STOP [®] PB type	Pmin in bar	Pmax in bar	Ø A in mm	Ø B in mm	C in mm	D _{max.} in mm	V / stroke in dm³	Wei in I	ight Pr kg	essure con- nection	Thickness of brak in mm	e disk G	Operat	ting temper- ature in °C
P-100-P05-xx (100%)	5													
P-100-P05-xx (66%)	3.3		144	81	82.5	225	0.12	6.	.2					
P-100-P05-xx (33%)	1.7	10								G 2/9	10 - 15		- 20) to +90
P-100-P06-xx (100%)	5	10								G 3/6	12-15		-20	5 10 +00
P-100-P06-xx (66%)	3.3		180	110	97.5	245	0.43	7.	.7					
P-100-P06-xx (33%)	1.7													
				Brakir	ng torque	es of KT	R-STOP®	P-100-	-P05-xx					
						Nomi	nal diameter o	f brake di	lisk in mm					
Spring force	200	250	3	00	350	400	46	0	515	610	710	81	0	915
					Brakir	ng torque: N	//Br dyn. in Nm	n (MBr st	tat. = 0.9 x N	/Br dyn.)				
100%	90	130	1	60	190	220	26	0	290	350	410	47	0	540
66%	60	80	1	05	125	145	17	0	190	230	270	31	0	355
33%	30	40	E	50	60	70	85	5	95	115	135	15	5	180

	Braking torques of KTR-STOP® P-100-P06-xx												
Nominal diameter of brake disk in mm													
Spring force	200	250	300	350	400	460	515	610	710	810	915		
		Braking torque: MBr dyn. in Nm (MBr stat. = 0.9 x MBr dyn.)											
100%	160	220	270	325	380	445	505	610	715	825	940		
66%	105	5 145 180 215 250 295 335 400 470 545 620											
33%	50	70	90	110	125	145	165	200	235	270	310		

Ordering	KTR-STOP [®] PB	P ·	- 100	- P	05	- 12.7 -	- (100%)
example:	KTR brake	Pneumatic	Size	Passive	Actuator	Thickness of brake disk in mm	Spring force

KTR-STOP[®] PB P-200-Pxx-xx Passive caliper brakes

Pneumatic brake system



KTR-STOP® PB P-200-Pxx-xx													
KTR-STOP [®] PB type	Pmin in bar	Pmax in bar	A _{max.} in mm	Ø B in mm	C in mm	D in mm	E in mm	V / stroke in dm ³	Weight in kg	Pressure con- nection	Thickness of brake disk G in mm	Operating temper- ature in °C	
P-200-P05-xx (100%)	5												
P-200-P05-xx (66%)	3.3		200	144	81	82.5	260	0.12	10.4				
P-200-P05-xx (33%)	1.7	10								C 2/9	10 15	00 to 1 90	
P-200-P06-xx (100%)	5	10								G 3/6	12-15	-20 10 +60	
P-200-P06-xx (66%)	3.3		230	180	110	97.5	278	0.43	11.9				
P-200-P06-xx (33%)	1.7	1											

	Braking torques of KTR-STOP® P-200-P05-xx												
	Nominal diameter of brake disk in mm												
Spring force	200	250	300	350	400	460	515	610	710	810	915		
		Braking torque: MBr dyn. in Nm (MBr stat. = 0.9 x MBr dyn.)											
100%	235	315	390	470	550	645	730	880	1,040	1,195	1,350		
66%	155	210	260	310	365	425	480	580	685	790	890		
33%	80	105	130	155	180	210	240	290	345	395	445		

	Braking torques of KTR-STOP® P-200-P06-xx												
	Nominal diameter of brake disk in mm												
Spring force	200	250	300	350	400	460	515	610	710	810	915		
		Braking torque: MBr dyn. in Nm (MBr stat. = 0.9 x MBr dyn.)											
100%	415	555	685	825	970	1,135	1,285	1,550	1,830	2,100	2,390		
66%	275	365	450	545	640	750	850	1,025	1,210	1,385	1,575		
33%	135	185	225	270	320	375	425	510	605	695	790		

A I I	KTR-STOP [®] PB	P ·	- 200	- P	05	- 12.7 -	- (100%)
example:	KTR brake	Pneumatic	Size	Passive	Actuator	Thickness of brake disk in mm	Spring force



KTR-STOP[®] PB P-2xx-Pxx-xx Passive caliper brakes

Pneumatic brake system



KTR-STOP® PB P-2xx-Pxx-xx													
KTR-STOP [®] PB type	Pmin in bar	Pmax in bar	A _{max.} in mm	Ø B in mm	Ø C in mm	E in mm	F in mm	H in mm	V / stroke in dm ³	Weight in kg	Pressure con- nection	Thickness of brake disk G in mm	Operating temper- ature in °C
P-215-P05-xx (100%)	5												
P-215-P05-xx (66%)	3.3		200				130	75				12 - 15	
P-215-P05-xx (33%)	1.7									10.2			
P-225-P05-xx (100%)	5									10.3			
P-225-P05-xx (66%)	3.3		205	144	81	265	140	84	0.12			25.4	
P-225-P05-xx (33%)	1.7												
P-230-P05-xx (100%)	5												
P-230-P05-xx (66%)	3.3		200				144			10.5		30	
P-230-P05-xx (33%)	1.7							75					
P-215-P06-xx (100%)	5	10						75			G 3/8		-20 to +80
P-215-P06-xx (66%)	3.3		230				130					12 - 15	
P-215-P06-xx (33%)	1.7									12.0			
P-225-P06-xx (100%)	5									12.0			
P-225-P06-xx (66%)	3.3		235	190	110	001	140	84	0.42			25.4	
P-225-P06-xx (33%)	1.7			160	110	201			0.43				
P-230-P06-xx (100%)	5												
P-230-P06-xx (66%)	3.3		230				144	75		10.0		30	
P-230-P06-xx (33%)	1.7									12.2			
P-245-P06-xx (100%)	3.3		235				154	84				45	

	Braking torques of KTR-STOP* P-2xx-P05-xx												
					Nominal di	ameter of brake	disk in mm						
Spring force	200	200 250 300 350 400 460 515 610 710 810 915											
		Braking torque: MBr dyn. in Nm (MBr stat. = 0.9 x MBr dyn.)											
100%	235	315	390	470	550	645	730	880	1,040	1,195	1,350		
66%	155	155 210 260 310 365 425 480 580 685 790 890											
33%	80	80 105 130 155 180 210 240 290 345 395 445											

			Bral	king torque	s of KTR-S	TOP [®] P-2x	x-P06-xx						
	Nominal diameter of brake disk in mm												
Spring force	200	200 250 300 350 400 460 515 610 710 810 915											
		Braking torque: MBr dyn. in Nm (MBr stat. = 0.9 x MBr dyn.)											
100%	415	555	685	825	970	1,135	1,285	1,550	1,830	2,100	2,390		
66%	275	275 365 450 545 640 750 850 1,025 1,210 1,385 1,575											
33%	135	135 185 225 270 320 375 425 510 605 695 790											

.	KTR-STOP® PB	P -	-	215	- P	05	- 12.7 -	(100%)
example:	KTR brake	Pneumatic		Size	Passive	Actuator	Thickness of brake disk in mm	Spring force



KTR-STOP[®] PB P-250-Pxx-xx **Passive caliper brakes**

Pneumatic brake system





Illustration exemplary. The actuator design may vary depending on the combination. Horizontal mounting position. Please consult with us in case of deviations. The standard is a cylinder mounted on the right - for mounting on the left please specify in your order.

KTR brake

example:

KTR-STOP® PB P-250-Pxx-xx													
KTR-STOP [®] PB type	Pmin in bar	p _{max} in bar	A _{max.} in mm	Ø B in mm	Ø C in mm	E in mm	V / stroke in dm ³	Weight in kg	Pressure connection	Thickness of brake disk G in mm	Operating temperature in °C		
P-250-P05-12.7 (100%)	5												
P-250-P05-12.7 (66%)	3.3									12.7			
P-250-P05-12.7 (33%)	1.7		0.05			000	0.10	0.5					
P-250-P05-25.4 (100%)	5		205	144	81	266	0.12	9.5					
P-250-P05-25.4 (66%)	3.3									25.4			
P-250-P05-25.4 (33%)	1.7	10							0.0/0		001.000		
P-250-P06-12.7 (100%)	5	10							G 3/8		-20 to +80		
P-250-P06-12.7 (66%)	3.3									12.7			
P-250-P06-12.7 (33%)	1.7												
P-250-P06-25.4 (100%)	5	1	230	180	110	284	0.43	11.0					
P-250-P06-25.4 (66%)	3.3									25.4			
P-250-P06-25.4 (33%)	1.7												

	Braking torques of KTR-STOP® P-250-P05-xx												
	Nominal diameter of brake disk in mm												
Spring force	200	200 250 300 350 400 460 515 610 710 810 915											
	Braking torque: MBr dyn. in Nm (MBr stat. = 0.9 x MBr dyn.)												
100%	235	315	390	470	550	645	730	880	1,040	1,195	1,350		
66%	155	155 210 260 310 365 425 480 580 685 790 890											
33%	33% 80 105 130 155 180 210 240 290 345 395 445												

			Brak	king torque	es of KTR-S	TOP® P-25	0-P06-xx					
					Nominal di	ameter of brake	disk in mm					
Spring force	200	250	300	350	400	460	515	610	710	810	915	
		Braking torque: MBr dyn. in Nm (MBr stat. = 0.9 x MBr dyn.)										
100%	415	555	685	825	970	1,135	1,285	1,550	1,830	2,100	2,390	
66%	275	365	450	545	640	750	850	1,025	1,210	1,385	5 1,575	
33%	135	185	225	270	320	375	425	510	605	695	790	
.	KTR-STOP® PB P - 250 - P 05 - 12.7 - (100%)											
Ordering example:		Thickness of China Provide Antonia Thickness of										

Passive

Size

Pneumatic

brake disk in mm

Spring force

Actuator

KTR-STOP[®] PB P-300-Pxx-xx **Passive caliper brakes**

Pneumatic brake system





	KTR-STOP® PB P-300-Pxx-30													
KTR-STOP [®] PB type	Pmin in bar	Pmax in bar	A _{max.} in mm	Ø B in mm	Ø C in mm	V / stroke in dm³	Weight in kg	Pressure con- nection	Thickness of brake disk G in mm	Operating temper- ature in °C				
P-300-P05-30 (100%)	-		210	144	270	0.12	23							
P-300-P06-30 (100%)	5	10						0.040		001.00				
P-300-P06-30 (66%)	3.3	10	240	180	285	0.43	24.5	G 3/8	30	-20 to +80				
P-300-P06-30 (33%)	1.7													

	Braking torques of KTR-STOP® P-300-P05-30											
				Nominal	diameter of brake d	isk in mm						
Spring force	560	630	710	800	900	1,000	1,250	1,600	1,800			
			В	raking torque: MBr	dyn. in Nm (MBr st	at. = 0.9 x MBr dyr	ı.)					
100% 720 830 960 1,100 1,250 1,410 1,800 2,350 2,660												

			Braking tor	ques of KTR-	STOP [®] P-300	-P06-30								
	Nominal diameter of brake disk in mm													
Spring force	560	560 630 710 800 900 1,000 1,250 1,600 1,800												
		Braking torque: MBr dyn. in Nm (MBr stat. = 0.9 x MBr dyn.)												
100%	1,270	1,460	1,690	1,940	2,200	2,480	3,170	4,170	4,680					
66%	840	840 965 1,115 1,280 1,450 1,635 2,090 2,750 3,090												
33%	% 420 480 560 640 725 820 1,045 1,375 1,545													

	KTR-STOP [®] PB	Р	- 300	- P	05	- 30 -	- (100%)
example:	KTR brake	Pneumatic	Size	Passive	Actuator	Thickness of brake disk in mm	Spring force

KTR-STOP[®] PB P-350-Pxx-xx Passive caliper brakes

Pneumatic brake system





Horizontal mounting position. Please consult with us in case of deviations. The standard is a cylinder mounted on the right - for mounting on the left please specify in your order.

	KTR-STOP [®] PB P-350-P35-25.4												
KTR-STOP [®] PB type	Pmin in bar	Pmax in bar	A _{max.} in mm	Ø B in mm	Ø C in mm	V / stroke in dm ³	Weight in kg	Pressure connection	Thickness of brake disk G in mm	Operating temperature in °C			
P-350-P35-25.4 (100%)	5		w				61.7						
P-350-P35-25.4 (83%)	4.2	10	010	144	070	0.5	60.8	0.1/0	05.4	00.4- 1.00			
P-350-P35-25.4 (71%)	3.6	10	210	144	270	2.5	59.8	G 1/2	25.4	-20 to +80			
P-350-P35-25.4 (55%)	2.8						58.9						

Braking torques of KTR-STOP® P-350-P35-25.4												
	Nominal diameter of brake disk in mm											
Spring force	610	700	810	915	1,000	1,220	1,520	1,820				
	Braking torque: MBr dyn. in Nm (MBr stat. = 0.9 x MBr dyn.)											
100%	7,750	9,150	10,850	12,480	13,800	17,200	21,850	26,500				
83%	6,430	7,595	9,005	10,360	11,455	14,275	18,135	21,995				
71%	5,500	6,495	7,705	8,860	9,800	12,210	15,515	18,815				
55%	4,260	5,030	5,970	6,865	7,590	9,460	12,020	14,575				

Ordering example:	KTR-STOP® PB	P	- 350	- P	35	- 25.4 -	- (100%)
	KTR brake	Pneumatic	Size	Passive	Actuator	Thickness of brake disk in mm	Spring force