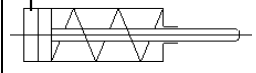




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Graphic Symbol

DIN ISO 1219



DİSK İMDATLI FREN KÖRÜĞÜ / DISC SPRING BRAKE

T 12/16 - DP DISC

Operation:

Service Brake Side (11): The pressured air which placed in the vehicle's air system goes inside from brake chamber and forces to push the brake diaphragm. As an affect of this process, force is created by piston plates and this force is transferred by brake's control lever. Braking systems is working at the end of this process. When the pressured air transferred to the atmosphere from brake chamber, return spring goes back to it's first state.

Park Brake Side (12): When the pressured air removed from this room, spring pushes the diaphragm and braking happens. When the air pumped, the spring becomes squeezed and braking is releasing.

Technical Features:

Operation Pressure	:	$\frac{11}{10 \text{ bar}}$	$\frac{12}{8,5 \text{ Bar}}$
Temperature Range	:	- 40 °C +80 °C	
Medium	:	Air	
Control Pressure Kontrol Basıncı	:	$\frac{11}{13 \text{ bar}}$	$\frac{12}{10 \text{ bar}}$
Permissible Leakage Müsaade Edilen Kaçak	:	10 cm ³ /dk	

Dimensions and Service Diaphragm Force Output:

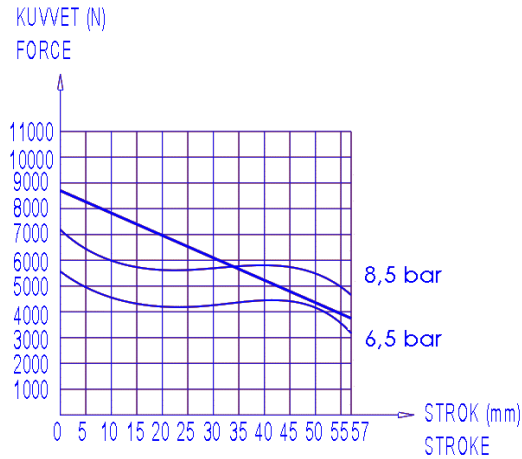
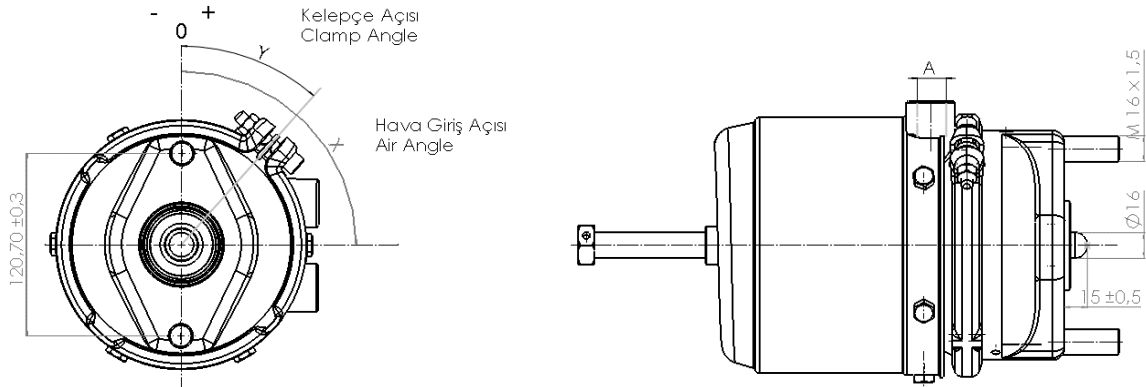


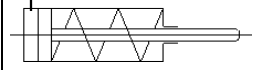
FIG. 1



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**DİSK İMDATLI FREN KÖRÜĞÜ /
DISC SPRING BRAKE**

T 12/16 - DP DISC



**STROKE 57 /57 mm IBV
FIG. 1**

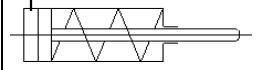
ORSAN CODE	WABCO CODE	KNORR CODE	OEM	X	Y	Fig.	ŞAFT PUSH ROD (Length)	HAVA GİRİŞ / AIR PORT			
								A (11)	A (12)		
35121601	925 486 1100		AO214202618 MB 13C3508394AA OTOKAR	+ 60°	- 35°	1	15	M22x1,5	M22x1,5		
35121602	925 486 1110		AO214202718 MB 13C3508392AA OTOKAR	- 60°	+ 35°	1	15	M22x1,5	M22x1,5		
35121603	925 486 1010 925 486 1060 925 486 1000		AO214200118 MB AO194204718 MB AO154201418 MB	0	- 135°	1	15	M22x1,5	M22x1,5		
35121604	925 486 1030 925 486 1080		AO164207218 AO194204818	+ 27°	- 90°	1	15	M22x1,5	M22x1,5		



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DİSK İMDATLI FREN KÖRÜĞÜ / DISC SPRING BRAKE

T 14/16 - DP DISC

Operation:

Service Brake Side (11): The pressured air which placed in the vehicle's air system goes inside from brake chamber and forces to push the brake diaphragm. As an affect of this process, force is created by piston plates and this force is transferred by brake's control lever. Braking systems is working at the end of this process. When the pressured air transferred to the atmosphere from brake chamber, return spring goes back to it's first state.

Park Brake Side (12): When the pressured air removed from this room, spring pushes the diaphragm and braking happens. When the air pumped, the spring becomes squeezed and braking is releasing.

Technical Features:

Operation Pressure	:	$\frac{11}{10 \text{ bar}}$	$\frac{12}{8,5 \text{ Bar}}$
Temperature Range	:	- 40 °C +80 °C	
Medium	:	Air	
Control Pressure Kontrol Basıncı	:	$\frac{11}{13 \text{ bar}}$	$\frac{12}{10 \text{ bar}}$
Permissible Leakage Müsaade Edilen Kaçak	:	10 cm ³ /dk	

Dimensions and Service Diaphragm Force Output:

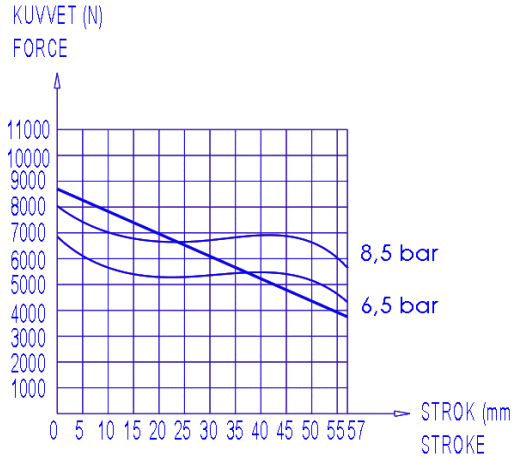
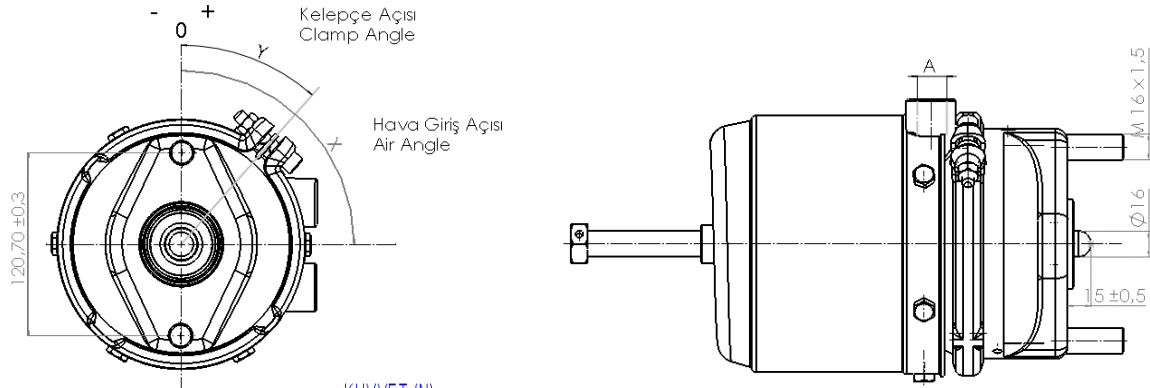


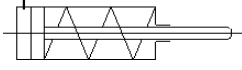
FIG. 1



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DİSK İMDATLI FREN KÖRÜĞÜ / DISC SPRING BRAKE

T 16/16 - DP DISC

Operation:

Service Brake Side (11): The pressured air which placed in the vehicle's air system goes inside from brake chamber and forces to push the brake diaphragm. As an affect of this process, force is created by piston plates and this force is transferred by brake's control lever. Braking systems is working at the end of this process. When the pressured air transferred to the atmosphere from brake chamber, return spring goes back to it's first state.

Park Brake Side (12): When the pressured air removed from this room, spring pushes the diaphragm and braking happens. When the air pumped, the spring becomes squeezed and braking is releasing.

Technical Features:

Operation Pressure	:	11	12
		10 bar	8,5 Bar
Temperature Range	:	- 40 °C +80 °C	
Medium	:	Air	
Control Pressure	:	11	12
Kontrol Basıncı		13 bar	10 bar
Permissible Leakage	:	10 cm ³ /dk	
Müsaade Edilen Kaçak			

Dimensions and Service Diaphragm Force Output:

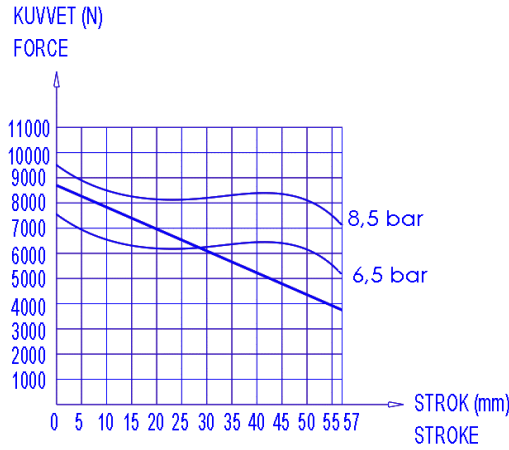
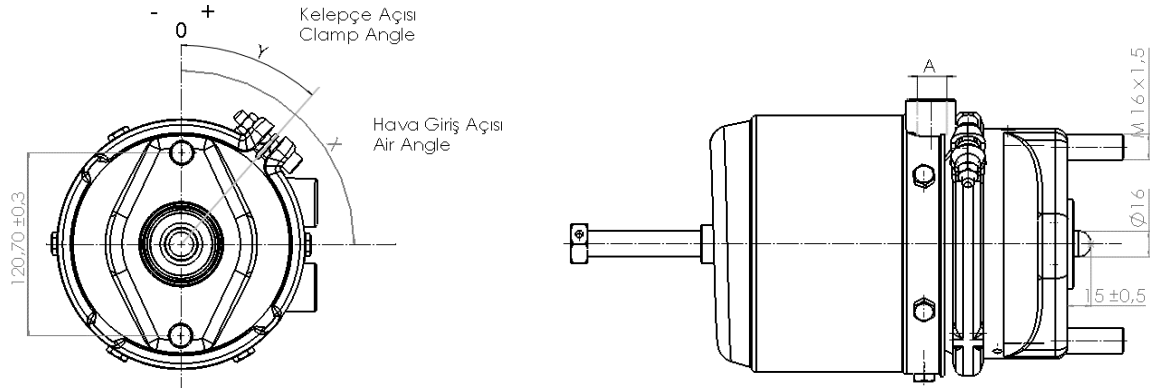


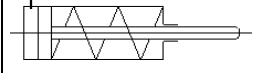
FIG. 1



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**DİSK İMDATLI FREN KÖRÜĞÜ /
DISC SPRING BRAKE**

T 16/16 - DP DISC



**STROKE 57 /57 mm IBV
FIG. 1**

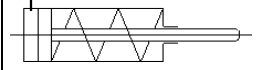
ORSAN CODE	WABCO CODE	KNORR CODE	OEM	X	Y	Fig.	ŞAFT PUSH ROD (Length)	HAVA GİRİŞ / AIR PORT		OEM
								A (11)	A (12)	
35161617	925 464 4510	BS9390	A0174208918 MB	+ 45°	- 90°	1	15	M16x1,5	M16x1,5	M076162 FRUEHAUF
			0174208918 MB							A3A827202 FRUEHAUF
			0203278700 BPW							5812868 KRONE
			336681 KÖGEL							58128680 KRONE
35161618	925 486 4000		0154201618 MB	+ 90°	- 90°	1	15	M22x1,5	M22x1,5	
			0204207218 MB							
			A0204207218 MB							
35161619	925 486 4010		0154201518 MB	- 90°	+ 90°	1	15	M22x1,5	M22x1,5	
			0204207118 MB							
			A0204207118 MB							



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DİSK İMDATLI FREN KÖRÜĞÜ / DISC SPRING BRAKE

T 16/24 - DP DISC

Operation:

Service Brake Side (11): The pressured air which placed in the vehicle's air system goes inside from brake chamber and forces to push the brake diaphragm. As an affect of this process, force is created by piston plates and this force is transferred by brake's control lever. Braking systems is working at the end of this process. When the pressured air transferred to the atmosphere from brake chamber, return spring goes back to it's first state.

Park Brake Side (12): When the pressured air removed from this room, spring pushes the diaphragm and braking happens. When the air pumped, the spring becomes squeezed and braking is releasing.

Technical Features:

Operation Pressure	:	11	12
		10 bar	8,5 Bar
Temperature Range	:	- 40 °C +80 °C	
Medium	:	Air	
Control Pressure	:	11	12
Kontrol Basıncı		13 bar	10 bar
Permissible Leakage	:	10 cm ³ /dk	
Müsaade Edilen Kaçak			

Dimensions and Service Diaphragm Force Output:

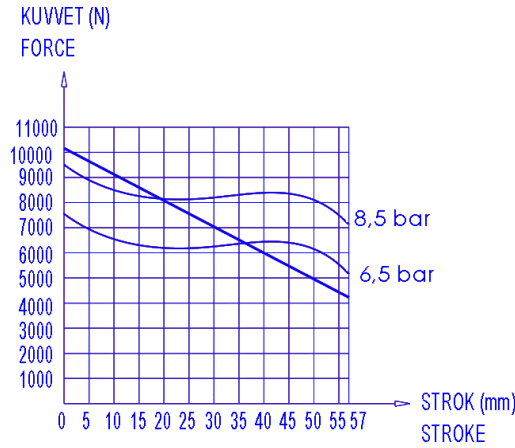
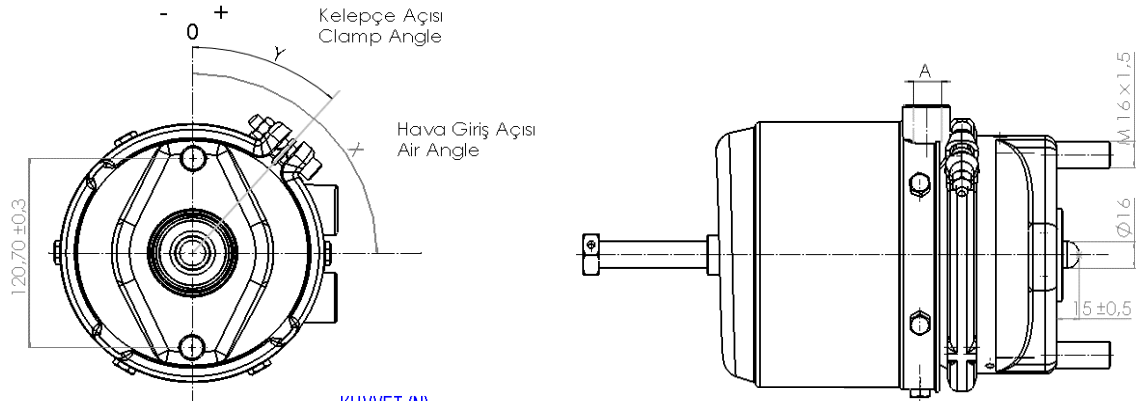


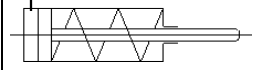
FIG. 1



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DİSK İMDATLI FREN KÖRÜĞÜ / DISC SPRING BRAKE

T 20/24 - DP DISC

Operation:

Service Brake Side (11): The pressured air which placed in the vehicle's air system goes inside from brake chamber and forces to push the brake diaphragm. As an affect of this process, force is created by piston plates and this force is transferred by brake's control lever. Braking systems is working at the end of this process. When the pressured air transferred to the atmosphere from brake chamber, return spring goes back to it's first state.

Park Brake Side (12): When the pressured air removed from this room, spring pushes the diaphragm and braking happens. When the air pumped, the spring becomes squeezed and braking is releasing.

Technical Features:

Operation Pressure	:	11	12
		10 bar	8,5 Bar
Temperature Range	:	- 40 °C +80 °C	
Medium	:	Air	
Control Pressure	:	11	12
Kontrol Basıncı		13 bar	10 bar
Permissible Leakage	:	10 cm ³ /dk	
Müsaade Edilen Kaçak			

Dimensions and Service Diaphragm Force Output:

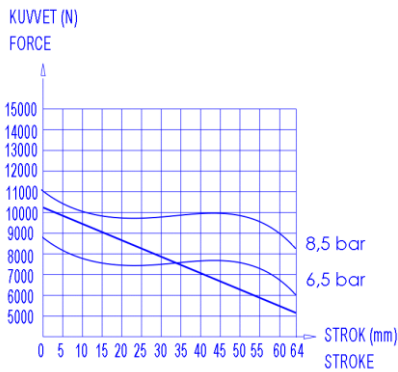
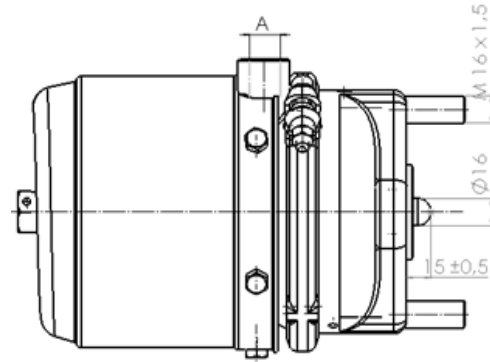
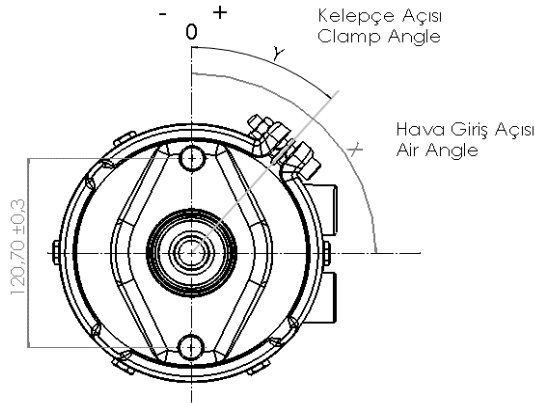


FIG. 1

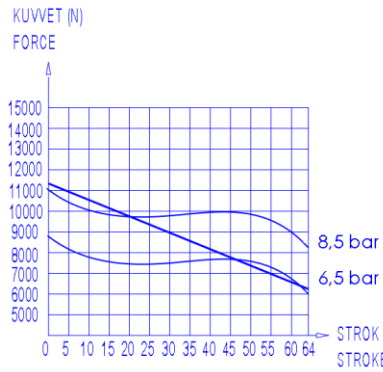


FIG. 2

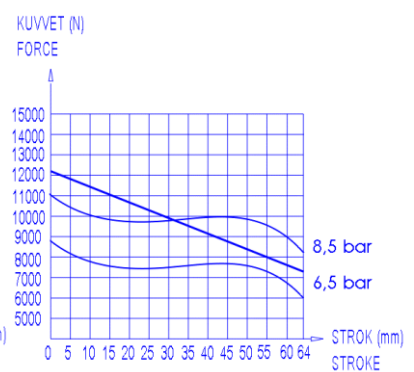


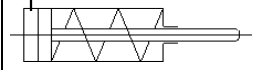
FIG. 3



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DİSK İMDATLI FREN KÖRÜĞÜ / DISC SPRING BRAKE

T 24/24 - DP DISC

Operation:

Service Brake Side (11): The pressured air which placed in the vehicle's air system goes inside from brake chamber and forces to push the brake diaphragm. As an affect of this process, force is created by piston plates and this force is transferred by brake's control lever. Braking systems is working at the end of this process. When the pressured air transferred to the atmosphere from brake chamber, return spring goes back to it's first state.

Park Brake Side (12): When the pressured air removed from this room, spring pushes the diaphragm and braking happens. When the air pumped, the spring becomes squeezed and braking is releasing.

Technical Features:

Operation Pressure	:	11	12
		10 bar	8,5 Bar
Temperature Range	:	- 40 °C +80 °C	
Medium	:	Air	
Control Pressure	:	11	12
Kontrol Basıncı		13 bar	10 bar
Permissible Leakage	:	10 cm ³ /dk	
Müsaade Edilen Kaçak			

Dimensions and Service Diaphragm Force Output:

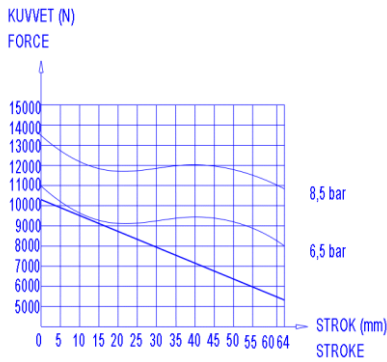
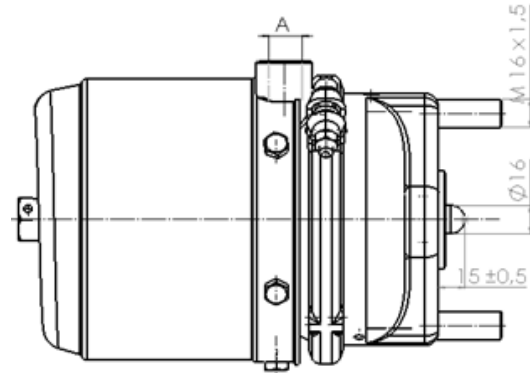
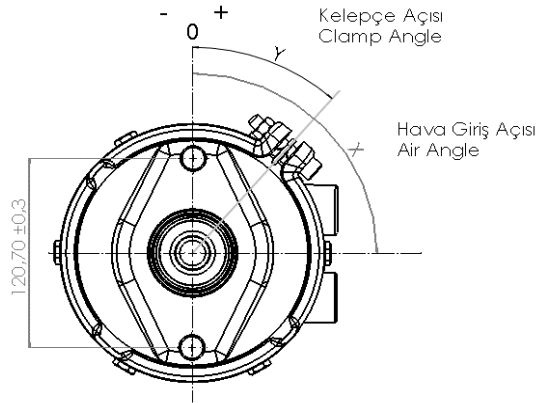


FIG. 1

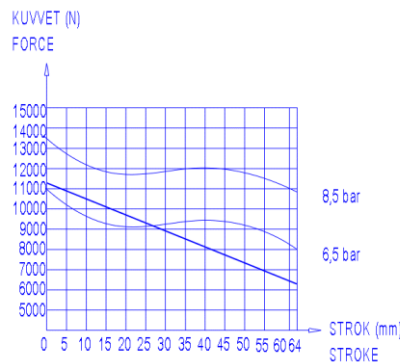


FIG. 2

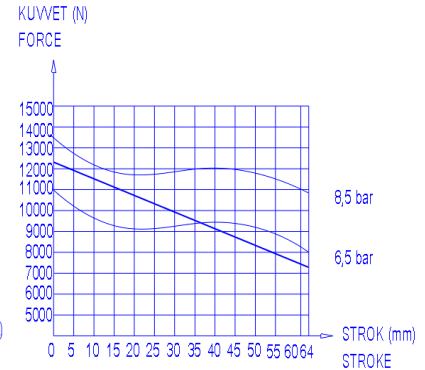


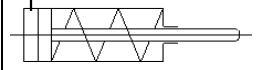
FIG. 3



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**DİSK İMDATLI FREN KÖRÜĞÜ /
DISC SPRING BRAKE**

T 24/24 - DP DISC



**STROKE 64 /64 mm - IBV -
FIG. 1**



**STROKE 64 /64 mm - IBV -
FIG.2 / 3**

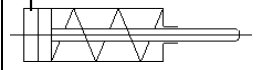
ORSAN CODE	WABCO CODE	KNORR CODE	OEM	X	Y	Fig.	ŞAFT PUSH ROD (Length)	HAVA GİRİŞ / AIR PORT		OEM
								A (11)	A (12)	
35242470	925 481 0100	BS9504	A0194205718 MB	- 27°	+ 90 °	1	15	M 22x1,5	M 22x1,5	0194206718 MB
	925 481 0120		A0154209318 MB							1519378 DAF
	925 481 0127		0154209318 MB							DONFENG
35242471	925 481 0110		A0154209218 MB	+ 27°	- 90 °	1	15	M 22x1,5	M 22x1,5	194206618 MB
	925 481 0130		154209218 MB							A0194205618 MB
			0154209818 MB							194205618 MB
35242472	925 461 0550			0°	- 90 °	1	15	M 22x1,5	M 22x1,5	
35242473				0°	- 90 °	2	15	M 22x1,5	M 22x1,5	
35242474				0°	- 90 °	3	15	M 22x1,5	M 22x1,5	



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DİSK İMDATLI FREN KÖRÜĞÜ / DISC SPRING BRAKE

T 24/30 - DP DISC

Operation:

Service Brake Side (11): The pressured air which placed in the vehicle's air system goes inside from brake chamber and forces to push the brake diaphragm. As an affect of this process, force is created by piston plates and this force is transferred by brake's control lever. Braking systems is working at the end of this process. When the pressured air transferred to the atmosphere from brake chamber, return spring goes back to it's first state.

Park Brake Side (12): When the pressured air removed from this room, spring pushes the diaphragm and braking happens. When the air pumped, the spring becomes squeezed and braking is releasing.

Technical Features:

Operation Pressure	:	11	12
		10 bar	8,5 Bar
Temperature Range	:	- 40 °C +80 °C	
Medium	:	Air	
Control Pressure	:	11	12
Kontrol Basıncı		13 bar	10 bar
Permissible Leakage	:	10 cm ³ /dk	
Müsaade Edilen Kaçak			

Dimensions and Service Diaphragm Force Output:

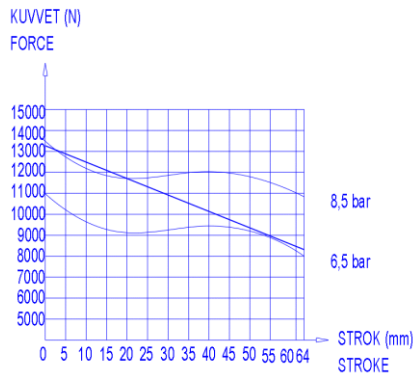
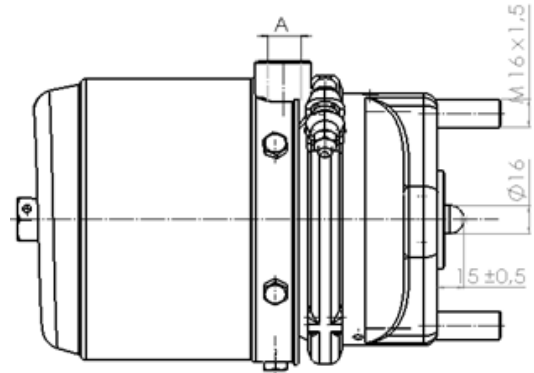
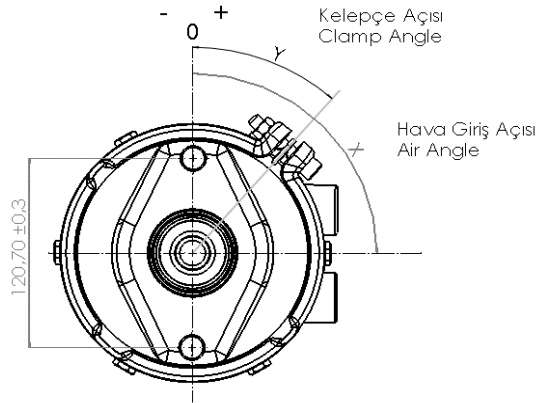


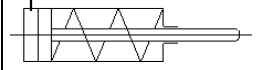
FIG. 1



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DİSK İMDATLI FREN KÖRÜĞÜ / DISC SPRING BRAKE

T 30/30 - DP DISC

Operation:

Service Brake Side (11): The pressured air which placed in the vehicle's air system goes inside from brake chamber and forces to push the brake diaphragm. As an affect of this process, force is created by piston plates and this force is transferred by brake's control lever. Braking systems is working at the end of this process. When the pressured air transferred to the atmosphere from brake chamber, return spring goes back to it's first state.

Park Brake Side (12): When the pressured air removed from this room, spring pushes the diaphragm and braking happens. When the air pumped, the spring becomes squeezed and braking is releasing.

Technical Features:

Operation Pressure	:	11	12
		10 bar	8,5 Bar
Temperature Range	:	- 40 °C +80 °C	
Medium	:	Air	
Control Pressure	:	11	12
Kontrol Basıncı		13 bar	10 bar
Permissible Leakage	:	10 cm ³ /dk	
Müsaade Edilen Kaçak			

Dimensions and Service Diaphragm Force Output:

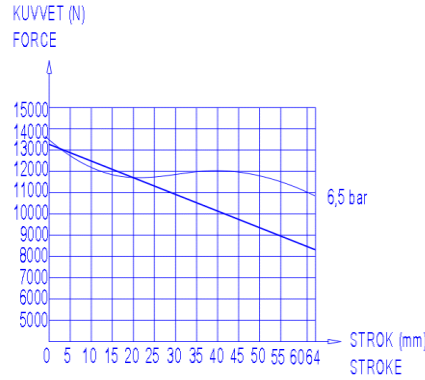
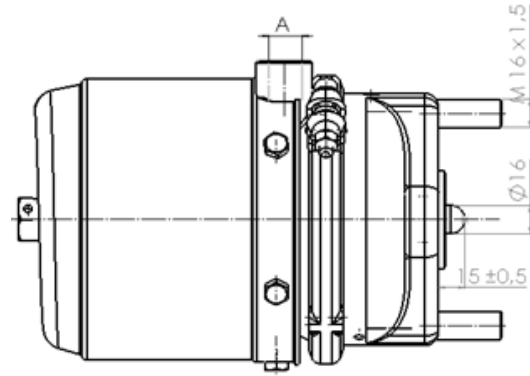
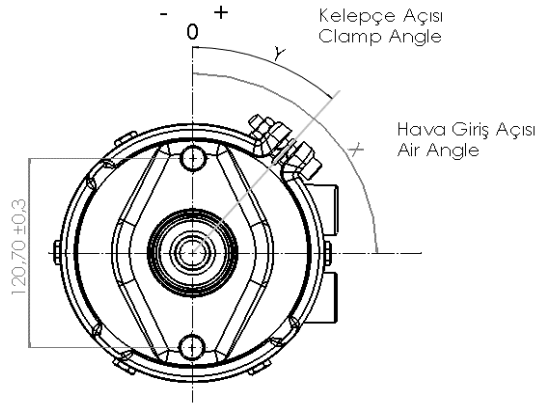


FIG. 1

