

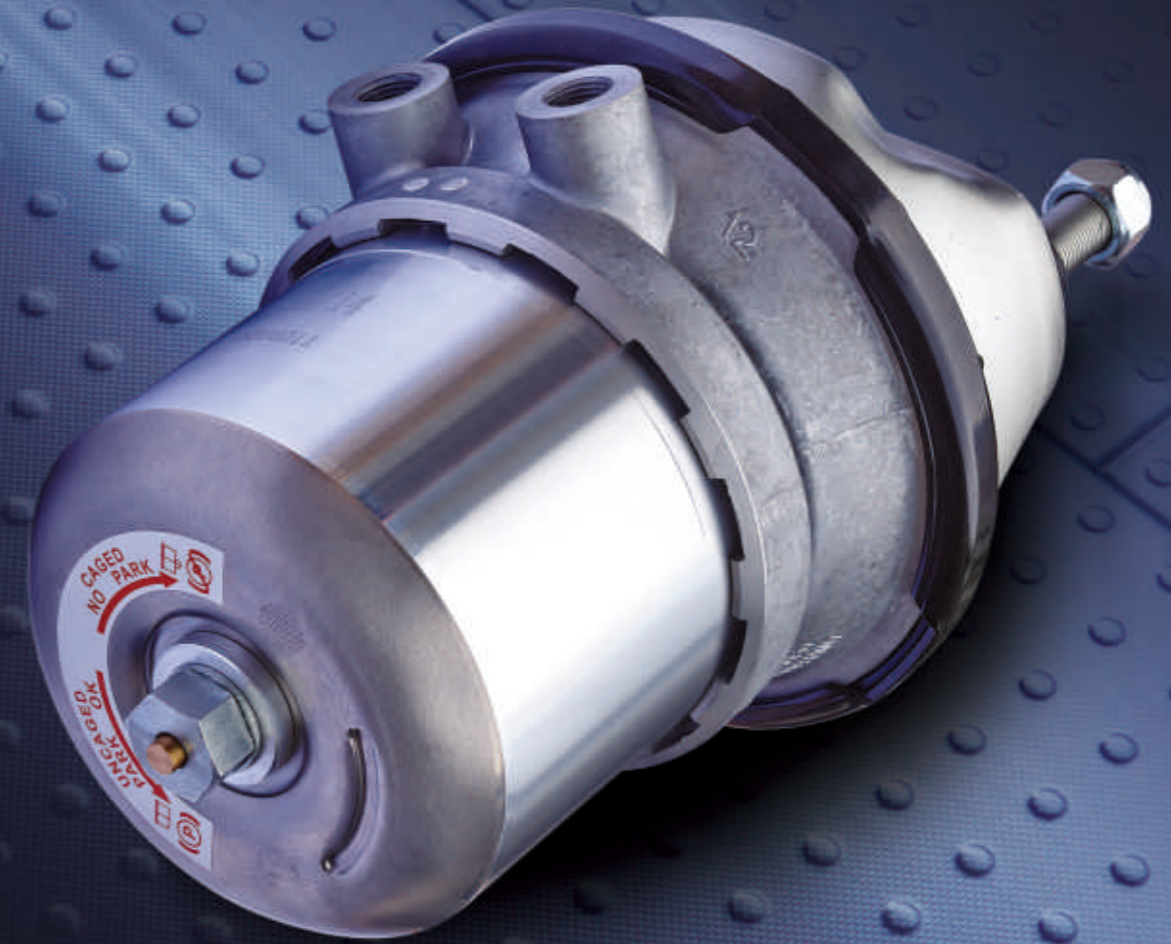


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2023

JIAXING SHENGding MACHINERY CO.,LTD.

WELCOME TO SAND



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ENTERPRISE INTRODUCTION

Jiaxing Shengding Machinery Co., Ltd, established in 2003, is a national high-technology enterprise combining R&D, manufacturing and selling professionally in one for auto spare parts for all kinds of trailers, trucks and buses. Over 15 years, SAND has been strictly following QMS: ATF16949:2016. We design and manufacture products fully stick to the European industrial standard and have passed the test regarding the EU standard ECE-R13 and became the first brake chamber manufacturer in China that had obtained the KBA certificate in 2012. At the same time, our products have also passed the SAE test of American industrial standard. After more than 15 years of development, SAND has already become a well-known brand in the domain of brake chambers. Our products have been sold to lots of European countries including England, Germany, France, Italy, Poland, Spain etc. We, having SAND brand agents in more than 10 different countries around the world, have a high reputation as the "No.1 brake chamber manufacturer in China", and we are deeply trusted by both domestic and foreign customers.



**MAKE PRODUCT WITH MORALITY
BUILD BRAND BY QUALITY**



FOCUS ON KEEP IMPROVING

WIN AT DETAILS WIN AT QUALITY





MOULDS



PRESSING



METAL PROCESSING



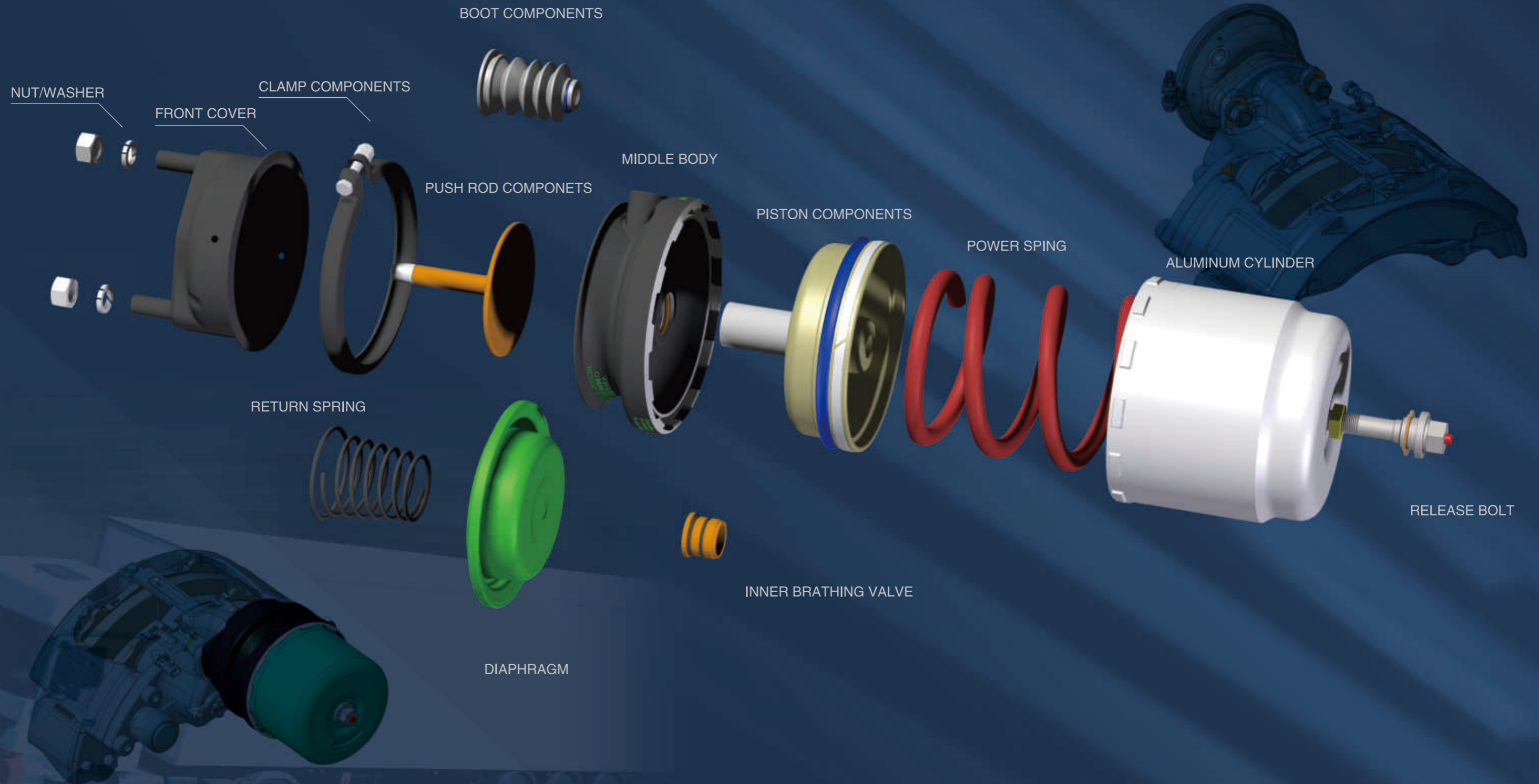
WELDING



ASSEMBLE



PACKING





THE CHART OUR MARKET EXPANDING

65%-EUROPE
10%-DOMESTIC OEM
25%-OTHERS

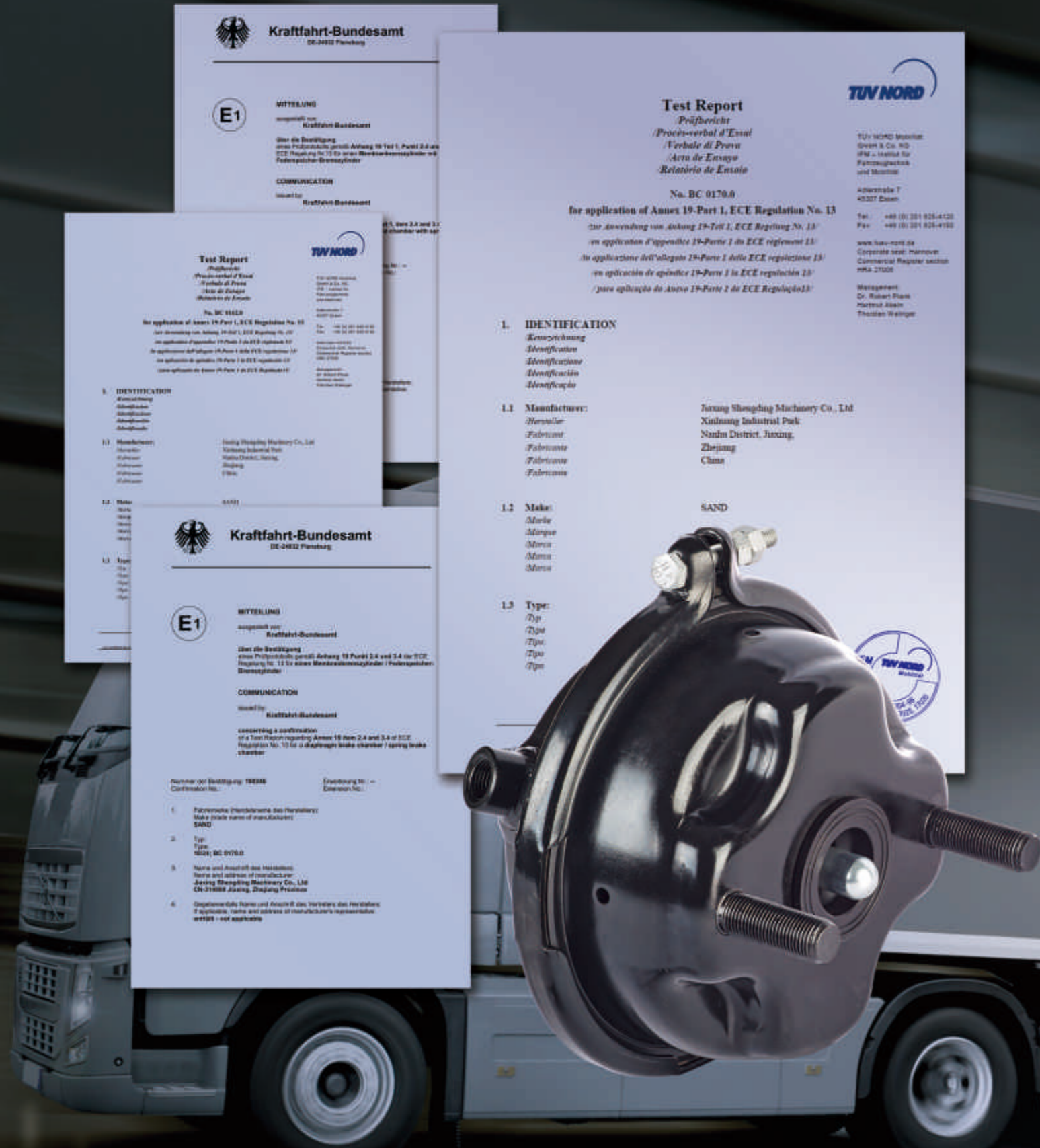


SHENGDING MACHINERY

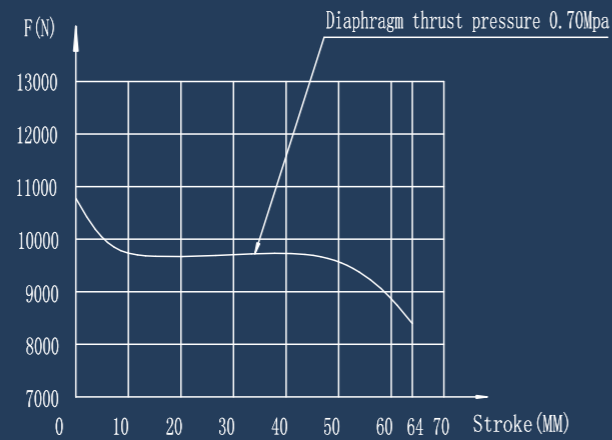
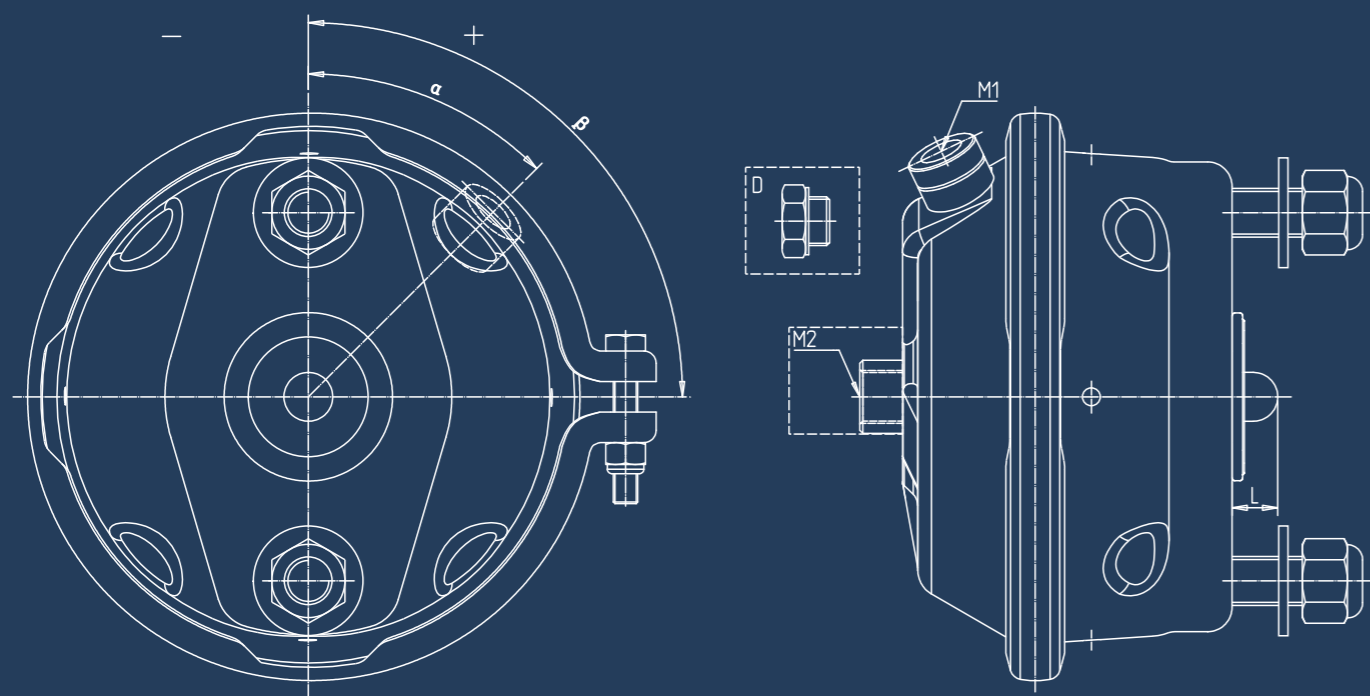
Leader in science and technology; customers first, continuous improvement, innovation expert, the quality of the integrated approach throughout the entire staff is committed to the creation of centers of excellence in quality, the new pursuit of perfection, to enhance all-round fan of the brand value of SAND.



OE Manufacturer
Win at details, Win at quality



OE Manufacturer
Win at details, Win at quality



Static characteristic curve
SD-24P

Type	SD No.	Cross Ref No.	S Stroke	M1 Side Port	M2 Centre Port	α port	β clamp	L Length	Vehicle		
10P	SD01021	BS3153-K000575	64	M16x1.5	M16x1.5	0	45	15	ERF		
12P	SD01005		64	M16x1.5	/	45	0	15	DAF IVECO		
	SD01005N	BS3207-II39193		41211031	M16x1.5	/	0			45	
	SD01005N11			K028227	Z3/8	/	90			45	
	SD01005D	BS3202-II37861		ABRA302 1402533	M16x1.5	M16x1.5	0			90	
	SD01005D01	BS3201-II36967		4031955	M16x1.5	M16x1.5	0			-45	
	SD01005D04	4235030000		1392259	M16x1.5	M16x1.5+D	0	180			
14P	SD01006	BS3274-II40357	64	M16x1.5	/	45	0	15	IVECO		
	SD01006N01	BS3275-II40358		41211018	M16x1.5	/	37			-75	
	SD01006N02	BS3274-II40357			M16x1.5	/	-37			75	
	SD01006N04	BS3284-K008309		41211032	M16x1.5	/	0			90	
	SD01006N05	BS3285-K008310			M22x1.5 VOSS	/				-90	
	SD01006N11			K028039	Z3/8	/	90			45	
	SD01006D03	BS3257-II36968		41031956	M22x1.5 VOSS	M16x1.5+D	0			45	
	SD01006D	4231147100		0544430020 0544430010 0203276800 0203276900 1505244 1932638	M16x1.5	M16x1.5+D	0			-20	BPW DAF SCANIA
	SD01006D02	4235140200		1373676	M16x1.5	M16x1.5+D	0			180	
	16P	SD01001			64	M16x1.5	/			45	0
SD01001N05		BS3343 4235040020	4454108100 4454108130	M16x1.5		/	-90	90			
SD01001N01		BS3301-II30614	A0054202924 A0054203924	M22x1.5 VOSS		/	45	0			
SD01001N11			K028225	Z3/8		/	90	45			
SD01001N02		BS3314-II37110 BS3326-II38466F BS3361-II38924F 4231040200	4454106530 4454107530 1524852 0501316775 81511016371	/		M16x1.5	0	90			
16P	SD01001D	4231047100	64	M16x1.5+D	M16x1.5	0	-20	15	MB DAF SCANIA BPW SAF KOGEL KRONE FRUEHAUF		
	SD01001D01			M16x1.5	M16x1.5+D	45	0				
	SD01001D06	4235040300		68323850 20361830 7420361830	M16x1.5	M16x1.5	90			-45	
	SD01001D02			220090012	M22x1.5 VOSS	M22x1.5 VOSS	45			0	



Type	SD No.	Cross Ref No.	S stroke	M1 side port	M2 centre port	α port	β clamp	L length	Vehicle	
18P	SD01007		64	M16x1.5	/	45	0	15	BPW IVECO	
	SD01007N01	BS3350-II5229		M16x1.5	/	-90	45			
	SD01007N11	K028022		M16x1.5	/	-90	45			
	SD01007D01	4231127100 544433020 544433010		M16x1.5	M16x1.5+D	0	-20			
	SD01007D03	BS3354-II36778 41031958		M16x1.5	M16x1.5	0	45			
20P	SD01002		64	M16x1.5	/	45	0	15	DAIMLER NEOPLAN ZF DENNIS	
	SD01002N10	BS3402-II30616 BS3430-II38107F 02.0327.74.00 HLP3519Q20-015		M16x1.5	/	-60	-60			
	SD01002N11	BS3403-II30617 BS3440-II38591F 00501314934 02.0327.75.00 HLP3519Q20-010		M16x1.5	/	60	60			
	SD01002N03	A3519010-11R		M16x1.5	/	45	90			
	SD01002N04	A3519010-11L		M16x1.5	/	135	90			
	SD01002N09	BS2402-K001294 81.51101-6505		M16x1.5	/	0	180			
	SD01002N21	BS2417-K006227		M22x1.5 VOSS	/	90	135			
	SD01002N22	BS2418-K006228		M22x1.5 VOSS	/	-90	-135			
	SD01002N08	K028225 F-20DBK		Z3/8	/	90	-90			
	SD01002N19	4231050200 81511016384 1524853		/	M16x1.5		-90			MAN DAF SAF
	SD01002N20	BS3436-II38528F 4454106730		/	M16x1.5	/	90			
	SD01002D	4235050000 Bk8503404 A0074201224 1517954 1932639 0203277500 0544434010 0544434020 3454106760 3454108260 4454106760 337900		M16x1.5	M16x1.5+D	0	-20			MB MAN DAF SCANIA BPW SAF SAUER KOGEL
	SD01002D03					45	0			
	SD01002D10	4235051900				150	90			
	SD01002D11	4235051910				-150	-90			
SD01002D01	4235050040 4454106700 344144 2090315 718192	M16x1.5+D	M16x1.5	90	-90					
SD01002D22	220090014	M22x1.5 VOSS	M22x1.5 VOSS	45	0					

Type	SD No.	Cross Ref No.	S stroke	M1 side port	M2 centre port	α port	β clamp	L length	Vehicle	
22P	SD01008		64	M16x1.5	/	45	0	15	BPW SAF DAIMLER	
	SD01008N03	BS3453-II31099 52585 2121531		M16x1.5	/	-90	45			
	SD01008N10	K028238 F-22DBK		Z3/8	/	90	-90			
	SD01008N11	BS3462-II38529F 4454106830		/	M16x1.5	/	/			
	SD01008D	4231107100 0544435010 0544435020 0203277700 0203277600 A0074201324 1932635		M16x1.5	M16x1.5+D	0	-20			
	SD01008D01			M16x1.5	M16x1.5+D	45	0			
SD01008D02	BS3458-II36780 41031960	M16x1.5	M16x1.5	0	45					
24P	SD01003		64	M16x1.5		45	0	15	MAN IVECO	
	SD01003N01	25PK0222E		M22x1.5 VOSS		45	0			
	SD01003N	4235061400 4235061420 BS2500-II38472F BS2503-II38475F 1542893 1427475 1427478		M16x1.5		-45	0			
	SD01003N09	BS3500-II15227 BS3538-II37127 81.51101-6466		M16x1.5		90	90			
	SD01003N51	35190106770		M16x1.5		-30	0			
	SD01003N52	35190106780		M16x1.5		30	0			
	SD01003N09	F-24DBK-702		Z3/8		45	-90			
	SD01003N10	F-24DBK-703 K028252		Z3/8		-45	-90			
	SD01003D	4235060010 4235060070 A0074201424 1517956 500590336 1932640 0203277800 0203277900 0544436010 0544436020 3454106960 337902		M16x1.5	M16x1.5+D	0	-20			MB DAF IVECO SCANIA BPW SAF/SAUER KOGEL LIEBHERR
	SD01003D08	10218884 718193		M16x1.5+D	M16x1.5	-45	0			
SD01003D01		M22x1.5 VOSS	M22x1.5 VOSS	-45	0					
SD01003D32	BS3514	M22x1.5 VOSS	M22x1.5 VOSS	30	0					
SD01003D33	BS3515 A0084201124 A0084206624	M22x1.5 VOSS	M22x1.5 VOSS	-30	0					
SD01003D34	BS3522 BS3516	M22x1.5 VOSS	M22x1.5 VOSS	0	-90					
SD01003D81	F-DB01	Z3/8	Z3/8	45	90					
SD01003D82	F-DB02	Z3/8	Z3/8	-45	-90					
27P	SD01010	BS3551-II31100	64	M16x1.5	/	-90	45	15		
	SD01010D	BCD6002700		M16x1.5	M16x1.5	45	0			



C
Cross Cover



T
Small Rhombus



Long Stroke

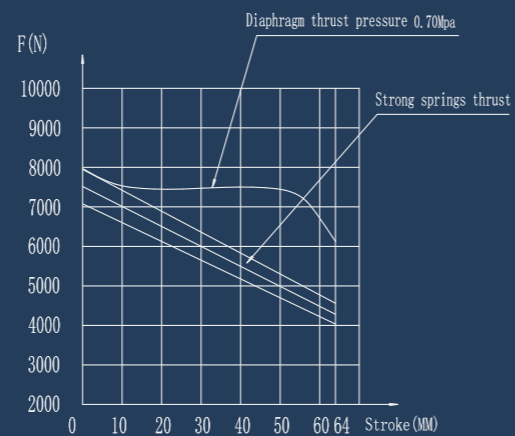
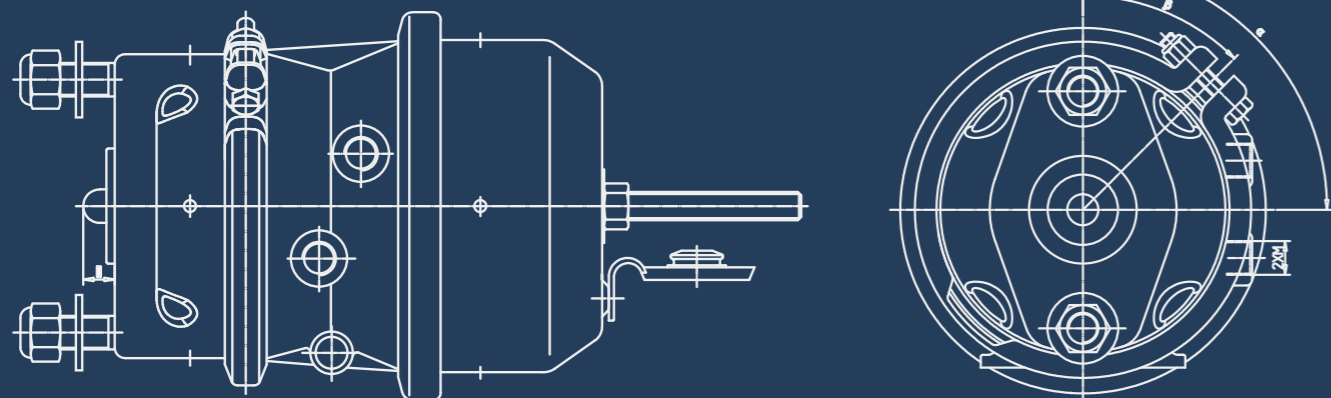
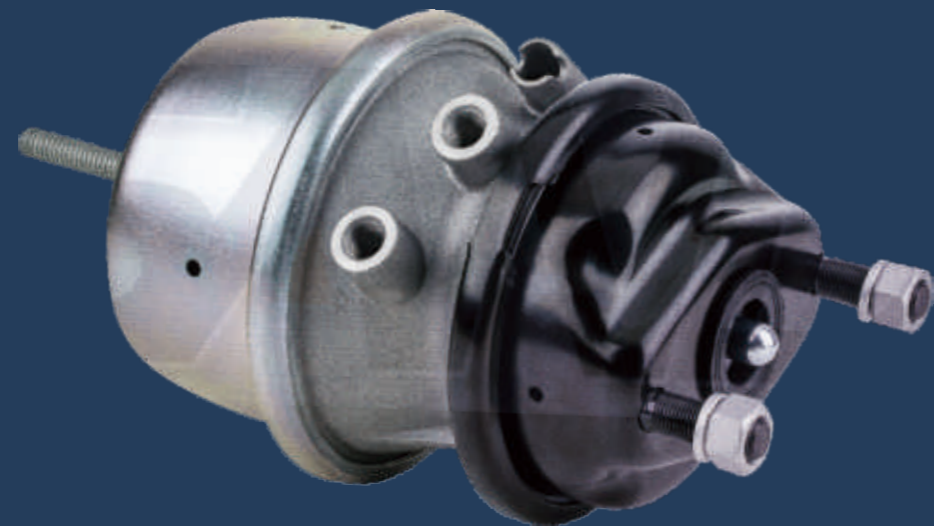
Type	SD No.	Cross Ref No.		S stroke	M1 side port	M2 centre port	α port	β clamp	L length	Vehicle
22P	SD01008C	4235100100	20361834 68323858 1505242		M16X1.5	M16X1.5	90	-45		MAN DAF RENAULT VOLVO
24P	SD01003C	4235061200	3177339		M16X1.5	M16X1.5	-90	135		MAN DAF RENAULT VOLVO
		4235060710	20361838							
	4235060810	70369019 70330019 68323861								
	SD01003C01	20742389 7420533191 68325460 20410139								
SD01003C05	4235061310	1076400	0							
	4235061020	20708819 20515380 7421483526								
SD01003C31	4235060640									
24P	SD01003T01		B3519010-18L		M16x1.5		-15	0		
	SD01003T02		B3519010-18R				15	0		
30P	SD01004	4235070000		64	M16x1.5	/	-90	45	15	SCANIA
	SD01004D				M16x1.5	M16x1.5+D	45	0	15	DAIMLER
	SD01004D01	BS3602	A0084201824 A0064201824		M22x1.5 VOSS	M22x1.5	0	-90	15	

Type	SD No.	Cross Ref No.		S stroke	M1 side port	M2 centre port	α port	β clamp	L length	Vehicle
12PL	SD01015			75	M16X1.5	M16X1.5+D	0	45	20	MEIRTOR
14PL	SD01016			75	M16X1.5	/	45	0	20	
	SD01016D		02.239.014.6L		M16X1.5	M16X1.5+D	45	0		
	SD01016D01		BCM6201400		M16X1.5	M16X1.5+D	0	45		
16PL	SD01011D			75	M16X1.5	M16X1.5	0	45	15	
	SD01011D01				M16X1.5	M16X1.5+D	0	45	20	
	SD01011N01	4231047000 4231047110			M22X1.5	/	90	180	26	
	SD01011N02	4231047010 4231047120			M22X1.5	/	-90	180	26	
18PL	SD01017D		BCM6201800	75	M16X1.5	M16X1.5+D	0	45	20	
20PL	SD01012N01	4231057010	81511016376	75	M22X1.5	/	90	-167	20	MAN NEOPLAN
	SD01012N02	4231057000	81511016377		M22X1.5	/	-90	167		
	SD01012D01		BCM6202000		M16X1.5	M16X1.5	0	45		
	SD01012D02				M22X1.5VOSS	M22X1.5VOSS	-90	167		
22PL	SD01018		BCM6202200		M16X1.5	M16X1.5+D	0	-45	20	
24PL	SD01013N02		25PK0148E	75	M22X1.5	/	90	-167	20	MAN
	SD01013N36	4231067000 BS3536-II37133	81.99804-2092			/	0	90		
	SD01013N37	4231067010 BS3537-II37134	81.99804-2091			/	0	-90		
	SD01013N					M22X1.5 VOSS	/	0		
24PL	SD01013D			75	M16X1.5	M16X1.5+D	0	45	20	
	SD01013D01		22089022		M16X1.5	M16X1.5+D	0	-45	15	
24PL	SD01013C			75	M22X1.5 VOSS	/	0	45	20	
25PL	SD01009N01	4235110100	81511016451	75	M22X1.5	/	-90	167	26	MAN NEOPLAN
	SD01009N02	4235110110	81511016450		M22X1.5	/	90	-167		
27PL	SD01020		BCM6202700	75	M16X1.5	M16X1.5+D	0	45	20	
30PL	SD01014			75	M16X1.5	M16X1.5+D	0	45	20	



Sealed

Type	SD No.	Cross Ref No.		S stroke	M1 side port	M2 centre port	α port	β clamp	L length	Vehicle
14P	SD01006S	BS3263-K003979	41226793	64	M16X1.5	/	0	/	15	IEVCO ROR
16P	SD01001S	BS3313-K003840	41211452		M16X1.5	M16X1.5	0	/		IVECO
	SD01001S01	BS3327-K002618	M079021		M16X1.5	M16X1.5+D	0	/		DAIMLER GIGANT
	SD01001S02	BS3314-K002978	501322277		/	M16X1.5	/	/		EVOBUS
22P	SD01008S	BS3467-K003013	41211457		M16X1.5	M16X1.5	90	/		
24P	SD01003S	BS3538-K003170	0501317567		M16X1.5	/	-90	/		
	SD01003S01	BS3532-K002420	41031460 41211460		M16X1.5	M16X1.5	0	/	IVECO	



Static characteristic curve
SD-16/24P

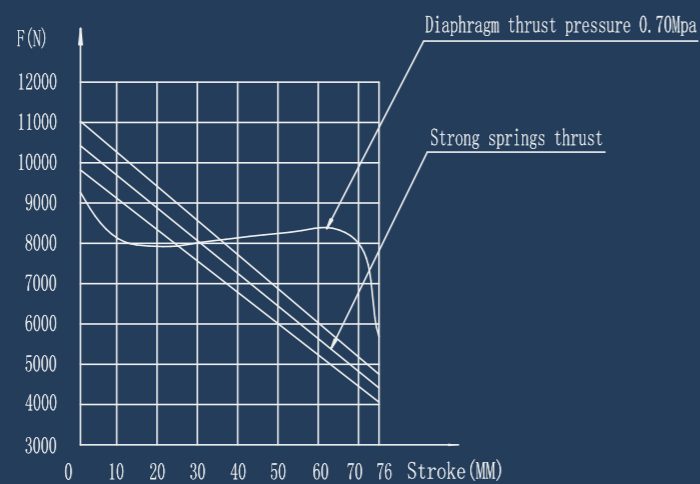
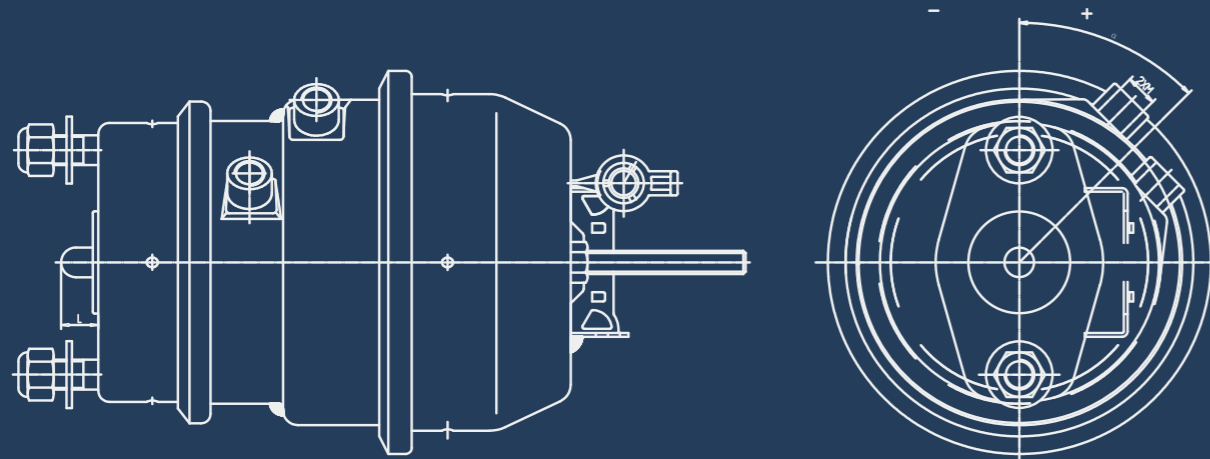
Type	SD No.	Cross Ref No.	S stroke	M side port	α port	β clamp	F Force	L length	Vehicle
16/24	SD02001R	9253840160		M16x1.5	-90	135	5900		SAF BPW

Type	SD No.	Cross Ref No.	S stroke	M side port	α port	β clamp	F Force	L length	Vehicle	
14/24	SD02004	05.444.38.01.0		M16x1.5	60	135	5600	15	BPW	
	SD02004N	05.444.38.02.0		M16x1.5	-60	-135	5600	15	BPW	
16/24	SD02001	05.444.40.01.0 05.444.40.01.3 05.444.40.02.0 05.444.40.07.0 05.444.40.08.0 4454104830 4454107730 4454107764 4454107630 4454107230 1351624004 1526307 2111697 1064931		M16x1.5	90	-45	5800	15	SAF BPW HALDEX	
		9253840100 9253840010								
	SD02001N03	9253840110			45	-90	5800		SAF BPW	
	SD02001N04	9253840120			-45	90	5800		SAF BPW	
	SD02001N	BS7303-K026893 BS7303-II38119		M16x1.5	-90	45	5800		SAF BPW	
	SD02001N01	BS7304-K026894 BS7304-II38524 BS7309-K026896 BS7309-II393_55	4454107230 4454107730 054998 114286 1097975 2089761		M16x1.5	-90	90	5800		SAF SCHMITZ
	SD02001N02	BS7305-K026895 BS7305-II38564F BS7310-K026897	4454107130		M16x1.5	0	0	5600		SAF
SD02001N11		K042457		Z3/8	-90	-45			SAF BPW	
18/24	SD02006	BS7750-K026902		M16x1.5	-90	45	5800	15		
	SD02006N03	BS7751-K026902		M16x1.5	-90	90	5800	15		
	SD02006N04	9254730010		M16x1.5	90	-90	5800	15		
	SD02006N01		05.444.42.02.0 05.444.42.04.0		M16x1.5	-60	-135	5800	15	BPW SCHMITZ
	SD02006N02		05.444.42.01.0 05.444.42.03.0		M16x1.5	60	135	5800	15	
	SD02006N11		K132352		Z3/8	90	-45	5800		
20/24	SD02002	9253801010	05.444.44.01.0 05.444.44.02.0 05.444.44.02.3 4454105130 4454107830 4454107830 4454107964 1352024003 1352024004 2120397 0907723		M16x1.5	90	-45	5800	15	BPW SAF DAF HALDEX SCANIA
	SD02002N02	9254700010		M16x1.5	0	180	5800	15		
	SD02002N03	9254700000		M16x1.5	90	-90	5800	15		
	SD02002N01	BS7402-K045570	05.444.44.02.0 05.444.44.04.0 1137409		M16x1.5	-60	-135	5800	15	BPW SAF
	SD02002N02	BS7403-K045718	05.444.44.01.0 05.444.44.03.0		M16x1.5	60	135	5800	15	
SD02002N11		K041960		Z3/8	90	-45	5800	15		
22/24	SD02007			M16x1.5	90	-45	5600	15		
	SD02007N11		K043148		Z3/8	90	60	5600	15	
24/24	SD02003			M16x1.5	90	-45	5600	15		
	SD02003N11		F2424DB01 K043270		Z3/8	90	60	5600	15	



Type	SD No.	Cross Ref No.	S stroke	M side port	α port	β clamp	F Force	L length	Vehicle
16/24	SD03010L	41226803	64	M16x1.5	-45	/	6000	15	SAF
	SD03010R	41226802	64	M16x1.5	45	/	6000	15	SAF

Type	SD No.	Cross Ref No.	S stroke	M side port	α port	β clamp	F Force	L length	Vehicle
14/24L	SD03001	LH 41231074	76	M16x1.5	45	/	7500	20	ROR
	SD03002	RH 41231073	76	M16x1.5	-45	/	7500	20	ROR
16/24L	SD03006L	LH 41231078	76	M16x1.5	45	/	7500	20	ROR
	SD03006R	RH 41231077	76	M16x1.5	-45	/	7500	20	ROR
18/24L	SD03003L	LH 41231082	76	M16x1.5	45	/	7500	20	ROR
	SD03003R	RH 41231081	76	M16x1.5	-45	/	7500	20	ROR
	SD03003L01		76	M16x1.5	45	/	7500	15	
	SD03003R01		76	M16x1.5	-45	/	7500	15	
20/24L	SD03009L	LH	76	M16x1.5	45	/	7500	20	ROR
	SD03009R	RH	76	M16x1.5	-45	/	7500	20	
22/24L	SD03011L	LH	76	M16x1.5	45	/	7500	20	ROR
	SD03011R	RH	76	M16x1.5	-45	/	7500	20	
24/24L	SD03012L	LH	76	M16x1.5	45	/	7500	20	ROR
	SD03012R	RH	76	M16x1.5	-45	/	7500	20	



Static characteristic curve
SD-S16/24PL

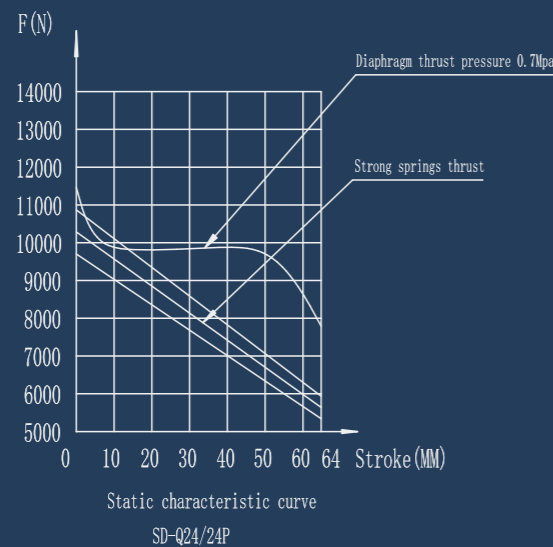
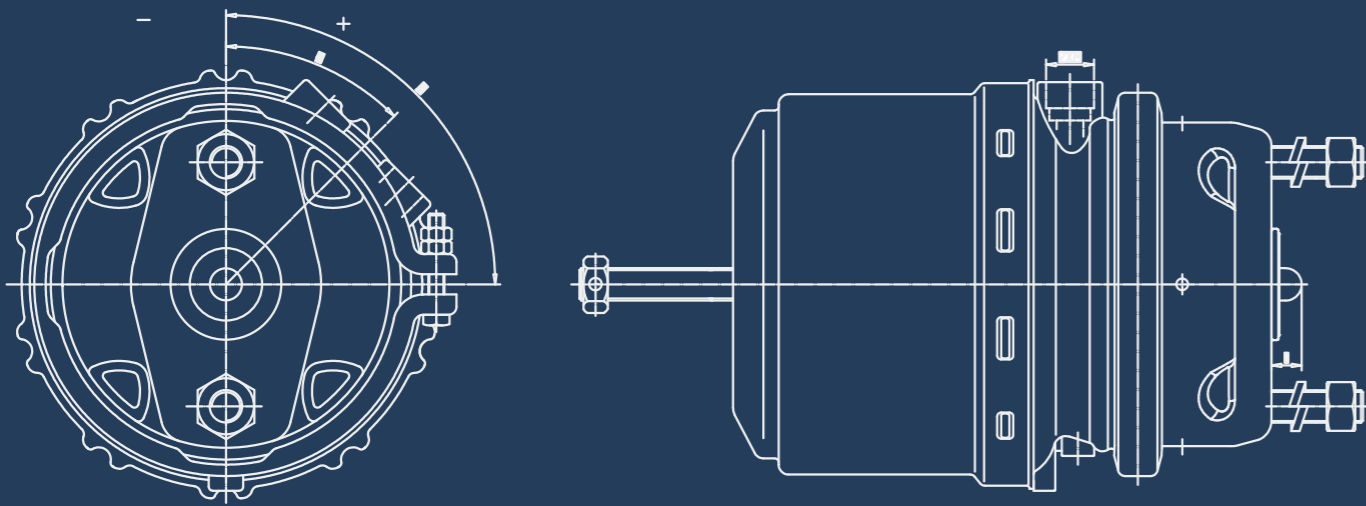
Type	SD No.	Cross Ref No.	S stroke	M side port	α port	β clamp	F Force	L length	Vehicle
18/24	SD03007L	41229063	64	M16x1.5	45	/	7500	15	ROR
	SD03007R	41229062	64	M16x1.5	-45	/	7500	15	ROR
20/24	SD03004L	41229067	64	M16x1.5	-45	/	7500	15	ROR
	SD03004R	41229066	64	M16x1.5	45	/	7500	15	ROR
22/24	SD03008R	41229071	64	M16x1.5	45	/	7500	15	ROR
	SD03008L	41229070	64	M16x1.5	-45	/	7500	15	ROR
24/24	SD03005R	41229075	64	M16x1.5	45	/	7500	15	ROR
	SD03005L	41229074	64	M16x1.5	-45	/	7500	15	ROR

SHENGDING MACHINERY

Leader in science and technology; customers first, continuous improvement, innovation expert, the quality of the integrated approach throughout the entire staff is committed to the creation of centers of excellence in quality, the new pursuit of perfection, to enhance all-round fan of the brand value of SAND.



OE Manufacturer
Win at details, Win at quality



Type	SD No.	Cross Ref No.	S stroke	M side port	α port	β clamp	F Force	L length	Vehicle
10/16	SD06051			M22x1.5 VOSS	0	45	6200		
	SD06051N01	9254663040 9254863040	A0184204318 A0204201218	M22x1.5 VOSS	125	0	6200	15	MB
	SD06051N02	9254663030 9254863030	A0184204218 A0204201118	M22x1.5 VOSS	-125	0	6200		MB
	SD06051N05	9254663020 9254863020 9254863050	A0174202818 A0194204618	M22x1.5 VOSS	0	-135	6200	15	MB
	SD06051N06	9254663010 9254863010	A0154201218 A0204200918	M22x1.5 VOSS	58	-90	6200		MB
	SD06051N07	9254663000 9254863000	A0154201318 A0204201018	M22x1.5 VOSS	-58	90	6200		MB
12/16	SD06052	9254661000 9254861000 9254861060 9254861010 9254661010	A0154201418 A0194204718 A0214500118 A0154209918	M22x1.5 VOSS	0	-135	6200		MB
	SD06052N	9254861120	A0214202818	M22x1.5 VOSS	90	180	6200		MB
	SD06052N05	9254661030 9254861030 9254861080	A0164207218 A0194204818	M22x1.5 VOSS	27	-90	6200		MB
	SD06052N06	9254661020 9254861020 9254861070	A0164207318 A0194204919	M22x1.5 VOSS	-27	90	6200		MB
	SD06052A01	9254261000	81504106642 81504106643 81504109643 81504106664 81504106645 510422315 1505436	M22x1.5 VOSS	-90	-150	7400		MAN RENAULT DAF
	SD06052A02	9254261010	81504106642 81504106644 81504109644 81504106663 81504106646 510422316	M22x1.5 VOSS	90	150	7400		MAN RENAULT DAF
14/16	SD06008	9254880640	A0224202918	M22x1.5 VOSS	0	-135	6200		MB
	SD06008N02	9254880600	A0204206718 1523676 81504106576	M22x1.5 VOSS	85	-90	6200		MB DAF MAN
	SD06008N01	9254880610	A0204206818	M22x1.5 VOSS	-85	90	6200		MB
	SD06008N03	9254880630 9254680330	A0194201918	M22x1.5 VOSS	-90	0	6200		MB
	SD06008N04	9254880620 9254680320	A0194201818	M22x1.5 VOSS	90	0	6200		MB



Type	SD No.	Cross Ref No.	S stroke	M side port	α port	β clamp	F Force	L length	Vehicle
14/16	SD06008A01	9254262000 9254263000 9254864200	1505437 1523960 81504106575 81504106577 81504109575 81504106641 81504106579 5010422317 7421073708	M22X1.5 VOSS	90	-150	7400		DAF PACCAR
	SD06008A02	9254262010 9254263010 9254864210	1523676 81504106576 81504106578 81504109576 81504106641 81504106580 5010422318 7421073710	M22X1.5 VOSS	-90	150	7400		
16/16	SD06001	9254644520	DAF 1506403	M16X1.5	0	90	6200	15	DAF
	SD06001N01	9254644500	A0174208818 1505447 0203278600 336679 334655 5812867 A3A827201 M076154	M16X1.5	-45	90	6200	15	MB EVOBUS DAF BPW KOGEL KRONE FRUEHAUF
	SD06001N02	9254644510	A0174208918 0203278700 336681 5812868 A3A827202 M076162	M16X1.5	45	-90	6200	15	MB EVOBUS BPW KOGEL KRONE FRUEHAUF
	SD06001N05	9254644610	4.454.1047.00	M16X1.5	90	-110	6200	15	BPW
	SD06001N06	9254644600	4.454.1046.00	M16X1.5	0	20	6200	15	
	SD06001N03	9254864000 9254664000	A0204207218 A0154201618	M22X1.5 VOSS	85	-90	6200	15	MB
	SD06001N04	9254864010 9254664010	A0204207118 A0154201518	M22X1.5 VOSS	-85	90	6200	15	MB
	SD06001N13		35302410130 35302410140	NPT1/4	90	90	6200	15	
	SD06001A01	9254248000	1505435 81504106581 81504106583 500337674 5010422319 443219X600	M22X1.5	-90	-150	7400	15	DAF MAN IVECO RENAULT NISSAN
	SD06001A02	9254248010	81504106582	M22X1.5	90	150	7400	15	DAF MAN

Type	SD No.	Cross Ref No.	S stroke	M side port	α port	β clamp	F Force	L length	Vehicle
24/16	SD06007			M22X1.5 VOSS	0	180	6200	15	
12/24	SD06053			M22X1.5 VOSS	0	45	7900	15	
	SD06053N01	9254860100 9254660100	A0174209518 A0204203118 1506228 1505449 A0154205518 ZG046330002	M22X1.5 VOSS	-58	90	7900	15	MB DAF
14/24	SD06053N02	9254860110 9254660110	A0174209518 A0204203118 1506228 1505449 A0154205518 ZG046330002	M22X1.5 VOSS	58	-90	7900	15	MB DAF MAN
	SD06054	9254880100	1517296 A0204207518	M22X1.5 VOSS	0	-135	7900	15	MERCEDES
14/24	SD06054N01	9254880120 9254680120 9254880140	A0154205718 A0194205118 1525765 1935466	M22X1.5 VOSS	-58	90	7900	15	
	SD06054N02	9254880130 9254680130 9254880150	A0154205818 A0154206818 A0194205018 1524500	M22X1.5 VOSS	58	-90	7900	15	
	SD06054N09	9254880260	A0214203218	M22X1.5 VOSS	-90	0	7900	15	
	SD06054N03	9254880200 9254680200	A0204207318 A0154205918	M22X1.5 VOSS	-27	90	7900	15	
16/24	SD06054N04	9254880210 9254680210	A0204207418 A0154206018	M22X1.5 VOSS	27	-90	7900	15	
	SD06004	9254645050		M16X1.5	90	-90	7900	15	
	SD06004N	9254840340	A0234205518	M22X1.5 VOSS	0	-35	7900	15	
	SD06004N01	9254840220 9254840260	A0214206518 A0204206518 A0214207518	M22X1.5 VOSS	-58	90	7900	15	MB
	SD06004N02	9254840230 9254840270	A0214206618 A0204206618 A0214207618	M22X1.5 VOSS	58	-90	7900	15	
	SD06004N05	9254840200 9254640200	A0204206018 A0154202419 A0154208118 A0194205918 A0154206318	M22X1.5 VOSS	-27	90	7900	15	
	SD06004N06	9254840210 9254640210	A0204205918 A0154208018 A0194205818 A0154206218	M22X1.5 VOSS	27	-90	7900	15	
	SD06004N09	9254645000	A0184205218 1518162 0203278900 505821378	M16X1.5	-45	90	7900	15	MB DAF BPW KRONE
	SD06004N10	9254645010	A0184205218 1518162 0203278900 505821378	M16X1.5	45	-90	7900	15	MB DAF BPW KRONE



Type	SD No.	Cross Ref No.	S stroke	M side port	α port	β clamp	F Force	L length	Vehicle
16/24	SD06004A01	9254640120 9254640140		M22X1.5 VOSS	90	150	9300	15	
	SD06004A02	9254640130 9254640150		M22X1.5 VOSS	-90	-150	9300	15	
18/24	SD06055			M22X1.5 VOSS	0	45	7900	15	
	SD06055N01	9254635100	5010422952	M22X1.5 VOSS	-90	-150	7900	15	KZ
	SD06055N02	9254635110	5010422953	M22X1.5 VOSS	90	150	7900	15	KZ
20/24	SD06005	9254635000 9254635010 9254635020	1505444 7060284 002861 78689 10778051	M22X1.5 VOSS	0	45	7900	15	DAF DOLL FELDBINDER PACCAR SCHWARZMULLER VANHOOL
	SD06005N01	9254800100 9254800107 9254600100	A0154207518 A0194205118 1525765 1935466 A0204203318	M22X1.5 VOSS	-27	90	7900	15	MB
	SD06005N02	9254800110 9254800117 9254600110	A0204203418 A0204205018 A0154207618 A0154208618 1519190	M22X1.5 VOSS	27	-90	7900	15	MB EVOBUS DAF
	SD06005N13	9254600900 9254809610	5010422754	M22X1.5 VOSS	-90	-150	7900	15	KZ
	SD06005N14	9254600910 9254809620	5010422755	M22X1.5 VOSS	90	150	7900	15	KZ
	SD06005N15	9254601000	A0184205518 1505440	M16X1.5	-45	90	7900	15	MB DAF VOLVO
	SD06005N16	9254601010	A0184205618 1519192 WA9254601010 1935450 0203276700 499027	M16X1.5	45	-90	7900	15	MB DAF VOLVO SCANIA BPW ORTHAUS
	SD06005N11	9254600740	5010525321	M22X1.5 VOSS	-90	-45	7900	15	RVI
	SD06005N12	9254600270	20361844 68323859	M16X1.5	-90	-45	7900	15	VOLVO MERITOR
	SD06005N19	9254601020	0203275600 1506400	M16X1.5	0	90	7900	15	BPW DAF
	SD06005N30	9254600320	4.454.1051.00 1519191 344149	M16X1.5	90	-110	7900	15	SAF DAF KOGEL

Type	SD No.	Cross Ref No.	S stroke	M side port	α port	β clamp	F Force	L length	Vehicle	
22/24	SD06050			M22X1.5 VOSS	-30	90	7900	15		
24/24	SD06002			M22X1.5 VOSS	0	45	7900			
	SD06002N	9254610320	4454105600	M16X1.5	90	-110	7900		SAF/SAUER	
	SD06002N01	9254610100 9254810100 9254810120 9254610600 9254811600 9254610960	A0154209318 A0194205718 A0194206718 1519378 1366420 1685994 1426894	64	M22X1.5 VOSS	-27	90	7900	15	MB SCANIA DAF DONGFENG HOWO
	SD06002N02	9254610110 9254810110 9254810130 9254610610 9254811610 9254610950	A0154209218 A0194205618 A0194206618 1366419 1685993 1426893	64	M22X1.5 VOSS	27	-90	7900	15	MB SCANIA DAF DONGFENG HOWO
	SD06002N09	9254611720 9254611700 9254812520 9254812500	20780791 5010422954 21073718 7421073714	64	M22X1.5 VOSS	-90	-150	7900	15	VOLVO RENAULT
	SD06002N10	9254611710 9254611730 9254812510 9254812530	5010422955 20780792 7421073716 21073719	64	M22X1.5 VOSS	90	150	7900	15	VOLVO RENAULT
	SD06002N11	9254811630 9254612310 9254811650	1685998 1439372 1685996	64	M22X1.5 VOSS	45	-90	7900	15	
	SD06002N12	9254811640 9254610620 9254811620	1685997 1439371 1685995	64	M22X1.5 VOSS	-45	90	7900	15	
	SD06002N17	9254610500		64	M16X1.5	-45	90	7900	15	TRAILER KZ
	SD06002N18	9254610510		64	M16X1.5	45	-90	7900	15	TRAILER KZ
	SD06002A			64	M22X1.5 VOSS+T	0	180	8500		
	24/30	SD06003			64	M22X1.5 VOSS	0	45	11000	15
SD06003N		9254813130	1912986	64	M16X1.5	-90	-45	11000	15	SCANIA
SD06003N01		9254813100	KLTC1286	64	M16X1.5	0	-100	11000	15	
SD06003N02			F2430PDB01	64	M22X1.5 VOSS	-90	130	11000	15	

Quick 2 Release



Type	SD No.	Cross Ref No.	S stroke	M side port	α port	β clamp	F Force	L length	Vehicle	
16/16 P2	SD06301			M22*1.5VOSS	0	45	6200	15		
	SD06301A01	9254248300		M22*1.5	-90	-90	7400	15	KZ	
	SD06301A02	9254610010	A0154209018	M22*1.5	90	90	7400	15	KZ	
24/16 P2	SD06302	9254812300 9254613500		M16X1.5	-90	90	7400	15	SCANIA	
	SD06302A01	9254812310 9254613510	1802409 2147780 2192928	M16X1.5	-90	90	7400	15		
	SD06302A02	9254812320	2380083	M16X1.5	0	180	7400	15		
	SD06302N	9254814900		M22*1.5	0	-45	7400	15		
20/24 P2	SD06305			M22*1.5VOSS	0	45	7900	15	SCANIA	
	SD06305N01	9254600200	A0154207318	M22*1.5VOSS	-10	-135	7900	15		
	SD06305N02	9254600210	A0154207418	M22*1.5VOSS	10	135	7900	15		
	SD06305N03	9254600340	A0184206218	M22*1.5VOSS	58	-90	7900	15		
	SD06305N04	9254600350	A0184206318	M22*1.5VOSS	-58	90	7900	15		
24/24 P2	SD06303			M22*1.5VOSS	0	45	7900	15	KZ	
	SD06303N01	9254610000	A0124209118 A0154209118	M22*1.5VOSS	-10	-135	7900	15		
	SD06303N02	9254610010	A0154209018	M22*1.5VOSS	10	135	7900	15	KZ	
	SD06303C	9254813400	21423487	M16X1.5	10	135	7900	15	VOLVO	
	SD06303C03	9254813280 9254813330 9254813300 9254813310	21326203 21326199 7421283616 7421326201		M16X1.5	90	-90	7900	15	VOLVO RENAULT
		SD06303C04	9254813320 9254813340	7421326202 21326200	M16X1.5	-90	90	7900	15	VOLVO RENAULT
	SD06303C01	9254813260	21283629	M16X1.5	60	-45	7900	15	VOLVO	
	SD06303C02	9254813270	21283628	M16X1.5	-60	45	7900	15	VOLVO	
24/30 P2	SD06304N22			M22VOSS	-90	-45	10800	15	SCANIA	
	SD06304	9254813120	1916992	M16X1.5	0	45	10800	15		
	SD06304N	9124813130 9254813140	1912986 1912987	M16X1.5	-90	-45	10800	15		
	SD06304N01	9254813100	1912988	M16X1.5	55	-45	10800	15		
	SD06304N02	9254813110	1912989	M16X1.5	-55	45	10800	15		
	SD06304N03	9254814800 9254814810 9254814820 9254814830 9254814840 9254814850 9254814860 9254814870	2494052 2494053 2494054 2494055 2494056 2494057 2494058 2494059							

Inner 3 Release



Type	SD No.	Cross Ref No.	S stroke	M side port	α port	β clamp	F Force	L length	Vehicle
24/16 P3	SD06204			M16X1.5	0	180	6200	15	
	SD06204N			M22X1.5 VOSS	-90	90	6200	15	
	SD06204A01	9254612900	1516660	M16X1.5	-90	90	7400	15	
	SD06204A02	9254612910	1525166	M16X1.5	0	-45	7400	15	
20/24 P3	SD06203			M22X1.5 VOSS	0	45	7900	15	MERCEDES
	SD06203N01	9254800200	A0204205518	M22X1.5 VOSS	-10	-135	7900	15	
	SD06203N02	9254800210	A0204205618	M22X1.5 VOSS	10	135	7900	15	
	SD06203N03	9254800340	A0204205718	M22X1.5 VOSS	58	-90	7900	15	
	SD06203N04	9254800350	A0204205818	M22X1.5 VOSS	-58	90	7900	15	MERCEDES
24/24 P3	SD06201	9254810800		M16X1.5	0	0	7900	15	SCANIA
	SD06201N	9254812720	2021706	M22X1.5 VOSS	90	-90	7900	15	
	SD06201N07	9254810000	A0204204218	M22X1.5 VOSS	-10	-135	7900	15	DAIMLER
	SD06201N08	9254810010	A0204204118	M22X1.5 VOSS	10	135	7900	15	DAIMLER
	SD06201N03	9254812700	2021704 1686019	M22X1.5 VOSS	-40	90	7900	15	SCANIA DAF
		SD06201N04	9254812710	2021705 1686020	M22X1.5 VOSS	40	-90	7900	15
	SD06201N01	9254610820 9254811700	1443314 1686019	M16X1.5	-40	180	7900	15	SCANIA DAF
		SD06201N02	9254610830 9254811710	1443315 1686020	M16X1.5	40	180	7900	15
	SD06201N05	9254610920 9254811720	1443316 1686021	M16X1.5	0	90	7900	15	SCANIA
		SD06207N01	9254890300	2021709 1959074	M16X1.5	0	90	7900	15
27/24 P3	SD06207N02	9254890310	1959071						
	SD06207N03	9254890320	1959072						
	SD06207N04	9254890330	2114954						
	SD06207N05	9254890010	1791424						DAF
24/30 P3	SD06202			M22X1.5 VOSS	0	45	10800	15	
	SD06202N01	9254613200	1481537	M16X1.5	-90	-45	10800	15	
	SD06202N02	9254613210	1481538	M16X1.5	90	45	10800	15	



Cross Cover

Quick 2 Release



Cross Cover

Inner 3 Release



Cross Cover

Type	SD No.	Cross Ref No.	S stroke	M side port	α port	β clamp	F Force	L length	Vehicle	
16/16	SD06007C	9254611910 20466077		M16X1.5	0	45	7400	15	VOLVO	
	SD06007CR	9254611530 20466076		M16X1.5	0	45	7400	15		
22/24	SD06050C	9254670020 9254670200 1524738 20361848 68323864 20361823 68323866		M16X1.5	0	45	7900	15	DAF VOLVO MERITOR	
	SD06050C03	9254670160 20401178 68324100		M16X1.5	-60	45	7900	15	VOLVO MERITOR	
	SD06050C04	9254670170 20401179 68324101		M16X1.5	60	-45	7900	15	VOLVO MERITOR	
24/24	SD06002CL	9254612700 9254810040 9254613300 9254813600 9254813620 9254813640 9254810500 20401590 7421401943 21752714 21596227 7421596229 23486130 20522028		M16X1.5	0	45	7900	15		
	SD06002CR	9254612710 9254810060 9254611310 9254813610 9254810510 9254813610 9254813630 9254813650 9254810510 9254613310 20401591 7421401944 20466073 20466073 20466073 21596226 7421596228 23486129 20522029 21752715		M16X1.5	0	45	7900	15		
	SD06002C	9254810327 9254810327 9254810327 9254810320 9254810320 9254810320 9254611010 8113459 85000253 85000466 3987614 20721845 20466070 20466070		M16X1.5	0	45	7900	15		
	SD06002C03	9254810300 9254611020 20522030 20466071		M16X1.5	-60	45	7900	15		
	SD06002C04	9254611030 9254810310 20466072 20522031		M16X1.5	60	-45	7900	15		
	SD06002C05	9254810330 22273774		M16X1.5	-60	-135	7900	15		
	SD06002C06	9254810340 22273775		M16X1.5	60	135	7900	15		
	SD07003C	9254812900 21323797		M16X1.5	0	180	8500	15		
	SD06003C		59188A		M22*1.5VOSS	0	45	11000	15	
	SD06003C02	9254810600 9254810610 9254614800 20524534 7422096431 20466074		M16X1.5	0	45	11000	15	VOLVO RENAULT	

Type	SD No.	Cross Ref No.	S stroke	M side port	α port	β clamp	F Force	L length	Vehicle
24/24 P2	SD06303C	9254813400 21423487		M16X1.5	0	45	7900		VOLVO
	SD06303C03	9254813280 9254813330 9254813300 9254813310 21326203 21326199 7421283616 7421326201		M16X1.5	90	-90	7900	15	VOLVO RENAULT
	SD06303C04	9254813320 9254813340 7421326202 21326200		M16X1.5	-90	-90	7900	15	RENAULT VOLVO
	SD06303C01	9254813260 21283629		M16X1.5	60	-45	7900	15	VOLVO
24/30 P2	SD06304C	9254813420 21283630		M16X1.5	0	45	10800	15	
	SD06304C01	9254813480 9254810260 92548134 7421283615		M16X1.5	90	-90	10800	15	
	SD06304C02	9254813460 9254810270 7421283614 21752603		M16X1.5	-90	90	10800	15	
	SD06206C01	9254670240 20361823 20376188 68323802							VOLVO MERITOR
24/24 P3	SD06201C01	9254811080 9254811100 9254811150 9254811130 20742394 7420533213 20742393 7420573923		M16X1.5	90	-90	7800	15	VOLVO RENAULT
	SD06201C02	9254811140 9254811160 7420573924 20742392		M16X1.5	-90	90	7800	15	
	SD06201C03	9254811170 9254811240 7420809444 20844352		M16X1.5	-90	-45	7800	15	
	SD06201C04	9254811180 9254811250 7420809445 20844353		M16X1.5	90	45	7800	15	
24/30 P3	SD06202C	9254611600 9254810700 9254810710 9254614720 20410136 20721842 7422096490 3197931		M16X1.5	0	45	10800	15	VOLVO RENAULT
	SD06202C01	9254811000 20524536		M16X1.5	-60	45	10900	15	
	SD06202C02	9254811010 20524537		M16X1.5	60	-45	10900	15	
	SD06202C03	9254811020 20527614		M16X1.5	-68	0	10900	15	
24/30 P3	SD06202C04	9254811030 20527597		M16X1.5	68	0	10900	15	
	SD06202C05	9254811230 9254811200 20742391 20533193 7420533193		M16X1.5	90	-90	10800	15	VOLVO RENAULT
	SD06202C06	9254811210 9254811220 20742390 20533192 7420533192		M16X1.5	-90	90	10800	15	
	SD06202C07	9254614700 3177337		M16X1.5	-90	-135	10800	15	
SD06202C08	9254614710 3177336		M16X1.5	90	135	10800	15		
27/30 P3	SD06208C	9254891000 9254891010 20524515 20512225							VOLVO



Long Spring Cover

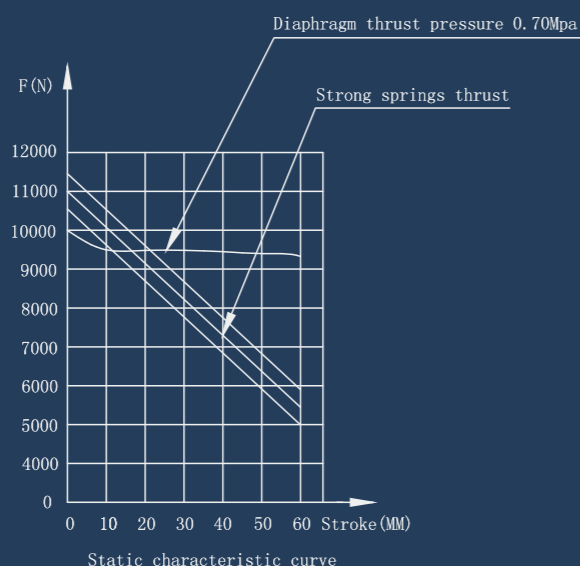
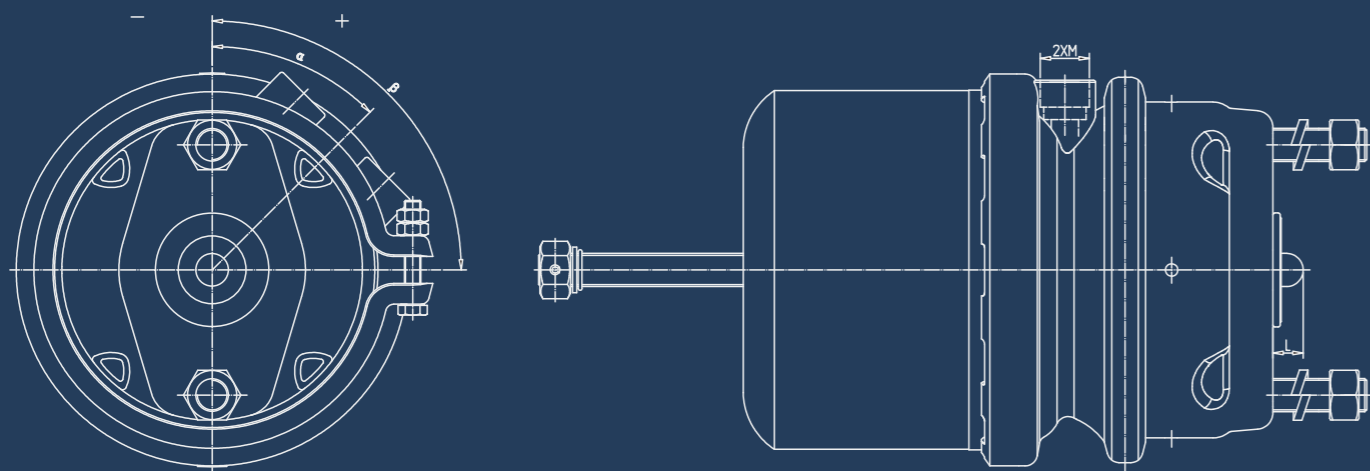
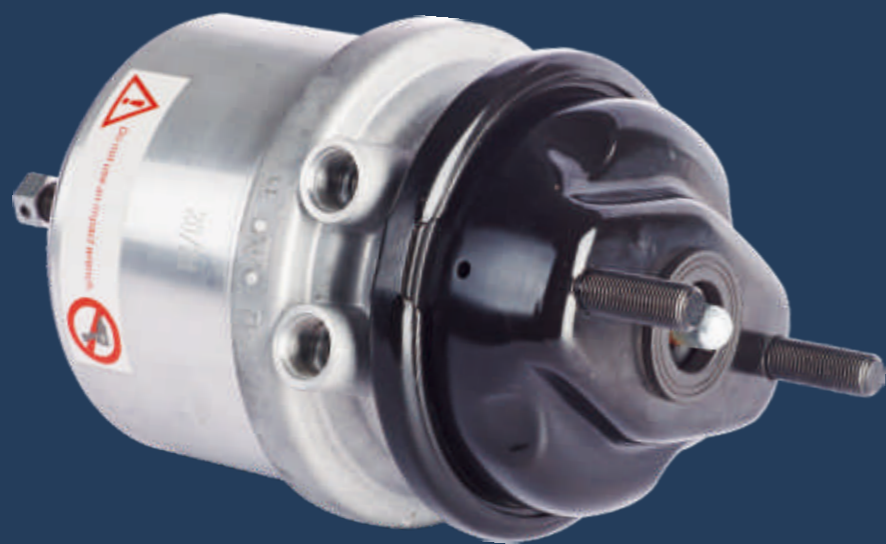
Type	SD No.	Cross Ref No.	S stroke	M side port	α port	β clamp	F Force	L length	Vehicle
14/24 PA	SD07008			M22X1.5 VOSS	0	45	10800	15	
	SD07008N01	9254880000 9254680000		M22X1.5 VOSS	-27	90	10800	15	MB EVOBUS DAF
	SD07008N02	9254880010 9254680010	A0204201318 A0154202918 1505452	M22X1.5 VOSS	27	-90	10800	15	MB
	SD07008N03	9254880020 9254680020	A0204201418 A0154203018	M22X1.5 VOSS	-147	90	10800	15	MB
	SD07008N04	9254880030 9254680030	A0204201618 A0174204518	M22X1.5 VOSS	147	-90	10800	15	MB
16/24 PA	SD07001			M22X1.5 VOSS	0	45	10900		
	SD07001N01	9254840000 9254640000 9254840100	A0154203318 A0154204118 A0194205318 A0194206318	M22X1.5 VOSS	-27	90	10900		MB
	SD07001N02	9254840010 9254640010 9254840110	A0154203418 A0154204018 A0194205218 A0194206218	M22X1.5 VOSS	27	-90	10900		MB
20/24 PA	SD07002			M22X1.5 VOSS	0	45	11200	15	
	SD07002N01	9254600000 9254800000 9254800040	A0154204318 A0194205518 A0194206518 A0154204718 1519442	M22X1.5 VOSS	-27	90	11000	15	MB DAF
	SD07002N02	9254600010 9254800010 9254800050	A0154204418 A0194205418 A0194206418 A0154204618 1506681	M22X1.5 VOSS	27	-90	11000	15	MB DAF
	SD07002N03	9254800020 9254600020 9254801200 9254601200	A0154202218 A0174204918 A0204202318 A0194200118	M22X1.5 VOSS	-147	90	11000	15	MB
	SD07002N04	9254800030 9254600030 9254801210 9254601210	A0154202118 A0174204818 A0204202418 A0194200218	M22X1.5 VOSS	147	-90	11000	15	MB
22/24 PA	SD07009			M22X1.5 VOSS	0	45	10900	15	
	SD07009N01	9254870000	1685988	M22X1.5 VOSS	-27	90	10890	15	
	SD07009N02	9254870010	1685989	M22X1.5 VOSS	27	-90	10890	15	DAF
	SD07009N03	9254870020	1685990	M22X1.5 VOSS	-45	90	10890	15	
	SD07009N04	9254870030	1685991	M22X1.5 VOSS	45	-90	10890	15	

Type	SD No.	Cross Ref No.	S stroke	M side port	α port	β clamp	F Force	L length	Vehicle
24/24 PA	SD07003L	9254610300 9254811500 9254610430 9254810200		M22X1.5 VOSS	-27	90	10900	15	DAF MB
	SD07003R	9254610310 9254811510 9254610420 9254810210	1360929 1686001 1426898 A0154204918 A0154205318	M22X1.5 VOSS	27	-90	10900	15	DAF MB
	SD07003N01	9254811560 9254815400 9254811520 9254610340	1365122 1686002 1426897 A0154205018	M22X1.5 VOSS	-45	90	10900	15	DAF
	SD07003N02	9254811550 9254815410 9254811570 9254612410	1686008 2114956 1686006 1439373	M22X1.5 VOSS	45	-90	10900	15	DAF
24/24 PA3	SD07201	9254811900		M22X1.5 VOSS	45	-90	10800	15	



Long Stroke

Type	SD No.	Cross Ref No.	S stroke	M side port	α port	β clamp	F Force	L length	Vehicle
20/24 PL	SD07005	9254601300		M22X1.5 VOSS	0	180	9100	20	MAN DAF
	SD07005N	9254602370	81504106820 1518159	M22X1.5 VOSS	0	-90	9100	20	MAN DAF
	SD07005N01	9254602300		M22X1.5 VOSS	-45	-90	9100	20	
	SD07005N02	9254602310		M22X1.5 VOSS	45	90	9100	20	
24/24 PL	SD07004	9254812600 9254610240 9254610260 9254611540		M22X1.5 VOSS	0	180	9100	20	
	SD07004N01	9254610220	21115362 20535924	M22X1.5	107	107	9100	20	MAN
	SD07004N02	9254610230	1519194 81504106713 81504106805	M22X1.5	-107	-107	9100	20	DAF MAN
20/24 PL3	SD07701	9254602400		M22X1.5 VOSS	0	180	9100	20	



Type	SD No.	Cross Ref No.		S stroke	M side port	α port	β clamp	F Force	L length	Vehicle
10/16	SD06019				M22x1.5 VOSS	0	-58	5600	15	
12/16	Sd06020				M22x1.5 VOSS	90	180	5600	15	
	SD06020N01	BS9193-II37520	04.313.00.300		M22x1.5 VOSS	-43	90	5600	15	BPW
	SD06020N02	BS9196-II36338	04.313.00.400		M22x1.5 VOSS	43	-90	5600	15	BPW
	SD06020A	BS9181-K003082	36.50410.6002		M22x1.5 VOSS	0	135	7000	15	MAN
	SD06020A01	BS9177-K007038	1408760 ABRD091		M16x1.5	90	135	7000	15	DAF LEYLAND
	SD06020A02	BS9178-K007039	ABRD092		M16x1.5	-90	-135	7000	15	DAF LEYLAND
	SD06020A03	BS9197-II33885	81.50410.6735		M22x1.5 VOSS	-90	-150	7000	15	MAN
SD06020A04	BS9198-II33647	81.50410.6734		M22x1.5 VOSS	90	150	7000	15	MAN	
14/16	SD06021				M22x1.5 VOSS	90	180	5600	15	
	SD06021N01	BS9287-II38428F	D041560		M16x1.5	0	180	5600	15	BREDAME
	SD06021N02	BS9297-II31783	02.032.76.100		M16x1.5	-90	45	5600	15	BPW
	SD06021A01	BS9295-II33886	81.50410.6737		M22x1.5 VOSS	-90	-150	6950	15	MAN
	SD06021A02	BS9296-II33648	81.50410.6736		M22x1.5 VOSS	90	150	6950	15	MAN
	SD06021A03	BS9281-K007041	ABRD094		M16x1.5	-90	-135	6950	15	LEYLAND
	SD06021A04	BS9282-K007040	ABRD093		M16x1.5	90	135	6950	15	LEYLAND
	SD06021A05	BS9251-K011359			M16x1.5	-90	90	6950	15	
SD06021A06	BS9252-K011360			M16x1.5	90	-90	6950	15		
16/16	SD06022	BS9398-II18224			M16x1.5	90	180	5600	15	
	SD06022N	BS9397-II31227	02.032.75.400		M16x1.5	-90	45	5600	15	BPW
	SD06022N01	BS8303-K048966	828125		M16x1.5	0	90	5600	15	DAF
	SD06022N02	BS9374-II39212	829694 1142163		M16x1.5	-135	45		15	DAF
	SD06022N03	BS9373-II39213	829695 1142164		M16x1.5	135	-45	5600	15	DAF
	SD06022N04	BS9377-II38496	M079048		M16x1.5	-45	135	5600	15	SMB
	SD06022N05	BS9378-II38497	M079056		M16x1.5	45	-135	5600	15	SMB
	SD06022N06	BS9379-II38465	4 454 1047 30		M16x1.5	-90	90	5600	15	SAF
SD06022N07	BS9376-II38578	4 454 1046 30		M16x1.5	0	0	5600	15	SAF	
16/16	SD06022A01	BS9396-II32160	81.50410.6583 81.50410.6739 81.50410.9583 81.50410.9739		M22x1.5 VOSS	-90	-150	6950	15	MAN
	SD06022A02	BS9395-II32159	81.50410.6738 81.50410.6584		M22x1.5 VOSS	90	150	6950	15	MAN
	SD06022A05	BS8335-K007654	81.50410.6875		M22x1.5 VOSS	-45	-90	6950	15	MAN
	SD06022A06	BS8334-K007653	81.50410.6876		M22x1.5 VOSS	45	90	6950	15	MAN
	SD06022A07	BS8333-K007649	81.50410-6861		M22x1.5	-90	-150	6950	15	MAN
	SD06022A08	BS8332-K007648	81.50410-6862		M22x1.5	90	150	6950	15	MAN
	SD06022A03	BS8338-K007049	ABRD096		M16x1.5	-90	135	6950	15	LEYLAND
	SD06022A04	BS8337-K007045	ABRD095		M16x1.5	90	-135	6950	15	LEYLAND



Quick 2 Release

Type	SD No.	Cross Ref No.		S stroke	M side port	α port	β clamp	F Force	L length	Vehicle
18/16	SD06023	BS9349-II31663	02.032.74.800		M16x1.5	-90	45	5500	15	BPW
	SD06023N01				M22x1.5 VOSS	90	-135	5500	15	
24/14	SD06011				M22x1.5 VOSS	90	-135	5200	15	
	SD06011N01		100.020.028		M16x1.5	90	-135	5200	15	
16/24	SD06015	BS9332-II37883	0501.317.372		M16x1.5	0	45	7800	15	
	SD06015N01				M22x1.5 VOSS	90	180	7800	15	
	SD06015N11	BS9335-II38110F	054080		M16x1.5	0	0	7800	15	SCHMITZ
	SD06015N02	BS9304-II30619	052380 02.032.75.500		M16x1.5	-90	45	7800	15	BPW SCHMITZ
18/24	SD06018				M22x1.5 VOSS	0	180	7800	15	
	SD06018N01	BS8464-K008501			M22x1.5 VOSS	90	-90	7500	15	
	SD06018N02	BS8465-K008500			M22x1.5 VOSS	-90	90	7500	15	
	SD06018N03	BS8466-K008499			M22x1.5 VOSS	-40	90	7500	15	
	SD06018N04	BS8467-K008498			M22x1.5 VOSS	40	-90	7500	15	
20/24	SD06014	BS9476-K004074 BS9476-II38408F	501321353 501317952 A0084204824		M22x1.5 VOSS	0	180	7600	15	ZF EVO BUS
	SD06014N	BS9458-II34389	25PK0279E		M22x1.5 VOSS	0	45	7600	15	
	SD06014N01		25PK0278E		M22x1.5 VOSS	90	180	7600	15	
	SD06014N02	BS9404-II31407	052509 INS014-0033 02.032.75.600		M16x1.5	-90	45	7600	15	BPW SCHMITZ
	SD06014N03	BS9471-II38124F	02.327.66.000		M16x1.5	-60	-60	7600	15	BPW
	SD06014N04	BS9471-II38599F	02.327.67.000		M16x1.5	60	60	7600	15	BPW
22/24	SD06017	BS9451-II31226	02.032.74.500		M16x1.5	-90	45	7600	15	BPW
24/24	SD06012				M22x1.5 VOSS	90	180	7600	15	
	SD06012N	BS9520-II34388	0501316050		M22x1.5 VOSS	0	180	7600	15	
	SD06012N01	BS8517-II39219F	M200024-02		M16x1.5	45	-135	7600	15	
	SD06012N02	BS8518-II39220F	M200024-01		M16x1.5	-45	135	7600	15	
	SD06012N04	BS9503-II31408	02.032.75.800		M16x1.5	-90	45	7600	15	BPW
24/30	SD06013				M22x1.5 VOSS	90	135	10500	15	
	SD06013N01				M16x1.5	90	135	10500	15	
	SD06013N02				M16x1.5	90	180	10500	15	

Type	SD No.	Cross Ref No.		S stroke	M side port	α port	β clamp	F Force	L length	Vehicle
10/16 P2	SD06501				M22x1.5 VOSS	0	45		15	MAN
	SD06501N01	BS9084-K001437 BS9084-K007632	81.50410.6818 81.50410.6866		M22x1.5 VOSS	32	90		15	MAN
	SD06501N02	BS9083-K001436 BS9083-K007631	81.50410.6817 81.50410.6865		M22x1.5 VOSS	-32	-90		15	MAN
	SD06501N11	BS9088-K007627	81.50410.6897 81.50410.6793		M22x1.5 VOSS	-32	-90		15	MAN
	SD06501N12	BS9089-K007	81.50410.6898 81.50410.6794		M22x1.5 VOSS	32	90		15	MAN
	16/24 P2	SD06505				M16x1.5	90	180	7800	15
18/24 P2	SD06508				M16x1.5	0	180	7800	15	
	SD06508N				M22x1.5 VOSS	90	-90	7800	15	
20/24 P2	SD06507				M22x1.5 VOSS	90	180	7800	15	
20/27 P2	SD06510	BS8479-K011319			M16x1.5	-90	90	9580	15	
	SD06510N	BS9424-II34185	99482723		M16x1.5	30	-135	9580	15	
22/24 P2	SD06509				M16x1.5	90	-45	7600	15	
	SD06509N01	BS8461-K007139 BS8463-K007141 BS9489-II39576F	1640558 1402481 ABRD108 ABRA476		M16x1.5	90	-45	7600	15	DAF LEYLAND
	SD06509N02	BS8460-K007138 BS8462-K007140 BS9488-II39575F	1640559 1402387 ABRD107 ABRA475		M16x1.5	-90	45	7600	15	DAF LEYLAND
24/24 P2	SD06511N01				M22x1.5 VOSS	90	180	7800	15	
	SD06511				M22x1.5 VOSS	0	45	7800	15	
24/30 P2	SD06512	BS9536-II37747			M16x1.5	90	135	10281	15	
	SD06512N				M22x1.5 VOSS	90	135	10500	16	
	SD06512N01	BS9527-K017123 BS8501-K017120	1846645 1802658		M16x1.5	0	45	10281	15	
	SD06512N02	BS8500-K017119	1802657		M16x1.5	90	135	10281	15	
	SD06512N03	BS8525-K017121	1802660		M16x1.5	-55	45	10281	15	
SD06512N04	BS8526-K017122	1802659		M16x1.5	55	-45	10281	15		

Quick 2 Release



Type	SD No.	Cross Ref No.	S stroke	M side port	α port	β clamp	F Force	L length	Vehicle
24/14 P2	SD06507	BS9531-II37124 BS9531-K018095 BS9510-II33679 BS9510-K018094	1411742 1802664 1802663	M16x1.5	0	45	5400	15	SCANIA
	SD06507N02	BS8592-K097288	A0224203518 A0244200318						DAIMLER
	SD06507N03	BS6519-K148675	2651835 2758030 81.50411-6047						SCANIA MAN
	SD06507N04	BS6545-K167202	5802330350						LVECO
24/130 P2	SD06513			M22x1.5 VOSS	90	0			
	SD06513N01	BS8562 BS8560	K039066 K029501	M16x1.5	-32	-45	4867	15	
	SD06513N02	BS8563 BS8561	K039067 K029502	M16x1.5	32	45	4867	15	

Quick 2 Release



Type	SD No.	Cross Ref No.	S stroke	M side port	α port	β clamp	F Force	L length	Vehicle
30/14 P2	SD06505								
	SD06505N01	BS9607-K070524	2424303 81.50411-6016						SCANIA MAN
	SD06505N02	BS9608-K097285	A0224203618 A0244200418						DAIMLER
	SD06505N03	BS9610-K119782	5801989309						LVECO
	SD06505N04	BS9611-K133109	2488674 81.50411-6023						SCANIA MAN
	SD06505N05	BS9612-K133110	2488676 81.50411-6033						SCANIA MAN
	SD06505N06	BS9613-K146300	5802256000						LVECO
	SD06505N07	BS9614-K146301	5802256001						LVECO
	SD06505N08	BK9607-K158648	2810004 81.50411-6053						SCANIA MAN
	SD06505N09	BK9611-K158650	2810016 81.50411-6054						SCANIA MAN
SD06505N10	BK9612-K158651	2810017 81.50411-6055						SCANIA MAN	

Inner 3 Release



Type	SD No.	Cross Ref No.	S stroke	M side port	α port	β clamp	F Force	L length	Vehicle
24/14 P3	SD06101	SD0620	56435A	M22X1.5 VOSS	90	-135	5200	15	
	SD06101N01	BS8519-II39614F	4121 1228 9947 8016	M16X1.5	90	135	4580	15	IVECO
	SD06101N02	BS8553-K016857 BS8554-K016858	82.50410-6081 82.50410-6080						MAN
24/130 P3		BS9507-II32161 BS9507-K004046	A0164200918						
		BS9514-II33062 BS9514-K004047							
22/14 P3	SD06107	BS9468-II39613F	41211227	M16X1.5	90	135	4580	15	IVECO
		BS8490-K167203	5802330349						

Inner 3 Release



Type	SD No.	Cross Ref No.	S stroke	M side port	α port	β clamp	F Force	L length	Vehicle
16/24 P3	SD06103			M22X1.5 VOSS	90	180	7800	15	
18/24 P3	SD06104			M22X1.5 VOSS	90	180	7800	15	
20/24 P3	SD06105			M22X1.5 VOSS	90	180	7800	15	
24/24 P3	SD06106			M22X1.5 VOSS	90	180	7800	15	
	SD06106N01	BS9574-K013773	95340-80500	M16X1.5	-90	-135	7580	15	
	SD06106N02	BS9573-K013772	95140-80500	M16X1.5	90	135	7580	15	
	SD06106N03	BS8510-K011682	95140-7K000	M16X1.5	0	-45	7580	15	
24/30 P3	SD06102N01			M22X1.5 VOSS	90	135	10500	15	
	SD06102			M16X1.5	90	135	10500	15	



Long Spring Cover

Long Stroke

Type	SD No.	Cross Ref No.		S stroke	M side port	α port	β clamp	F Force	L length	Vehicle
20/24 PL	SD07K07			76	M22X1.5 VOSS	90	180	8800	20	
	SD07K07N01	BS9433-II36962	81.50410.6733		M22X1.5 VOSS	-45	-45	8800	20	MAN
	SD07K07N02	BS9434-II36972	81.50410.6732		M22X1.5 VOSS	45	45	8800	20	MAN
	SD07K07N07	BS9484-II38570F	81.50410.6767		M22X1.5	0	135	8800	20	MAN
	SD07K07N08	BS8415-K007670	81.50410.6913		M22X1.5	0	180	8800	20	MAN



Long Spring Cover

Type	SD No.	Cross Ref No.		S stroke	M side port	α port	β clamp	F Force	L length	Vehicle
16/24 PA	SD07K01				M22X1.5 VOSS	0	45	8900	15	
	SD07K01N01	BS8328-K002097	81.50410.6840		M22X1.5 VOSS	-90	-150	8900	15	MAN
	SD07K01N02	BS8329-K002098	81.50410.6839		M22X1.5 VOSS	90	150	8900	15	MAN
20/24 PA	SD07K02				M22X1.5 VOSS	0	45	8900	15	MAN
	SD07K02N01	BS8435-K007676			M22X1.5 VOSS	-107	-107	8900	15	MAN
	SD07K02N02	BS8434-K007675			M22X1.5 VOSS	107	107	8900	15	MAN
	SD07K02N03	BS8413-K007668	81.50410.6868 81.50410.6810		M22X1.5 VOSS	45	45	8900	15	MAN
	SD07K02N04	BS8414-K007669	81.50410.6867 81.50410.6809		M22X1.5 VOSS	-45	-45	8900	15	MAN
	SD07K02A01	BS8426-K001970	81.50410.6829		M22X1.5 VOSS	-45	-90	10500	15	MAN
	SD07K02A02	BS8427-K001971	81.50410.6828		M22X1.5 VOSS	45	90	10500	15	MAN
	SD07K02A03	BS8428-K001977	81.50410.6831		M22X1.5 VOSS	-60	-90	10500	15	MAN
SD07K02A04	BS8429-K001978	81.50410.6830		M22X1.5 VOSS	60	90	10500	15	MAN	
24/24 PA	SD07K03	BS9535-II37468	36.50410.6003 0501317127		M22X1.5 VOSS	0	45	9000	15	MAN
	SD07K03N	BS8589-K080028			M22X1.5 VOSS	-90	-135	9000	15	



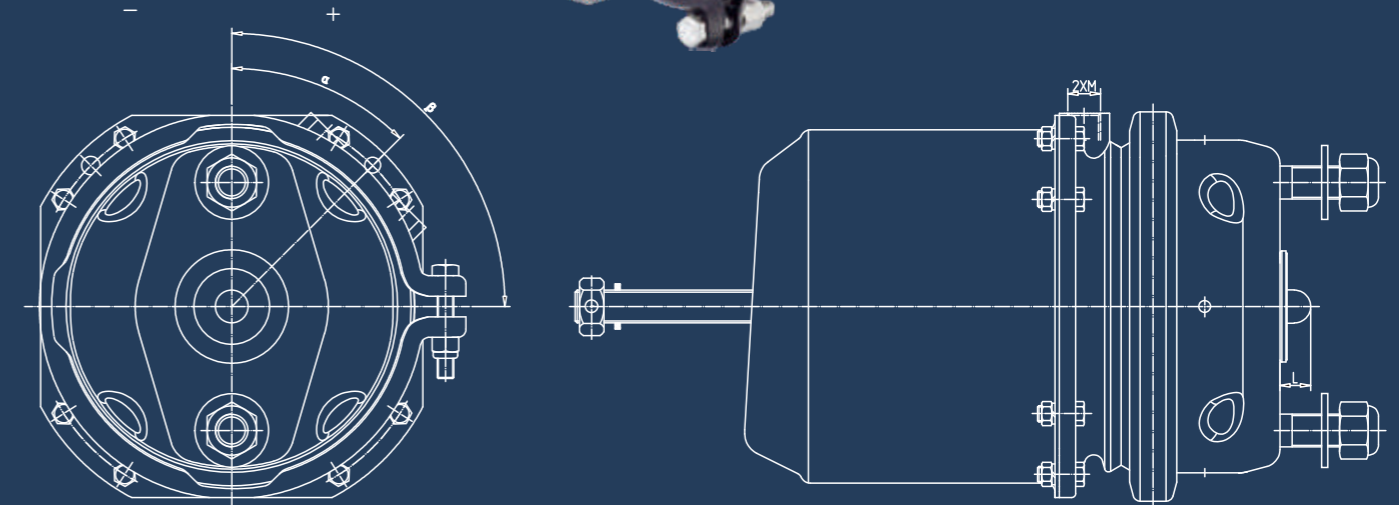
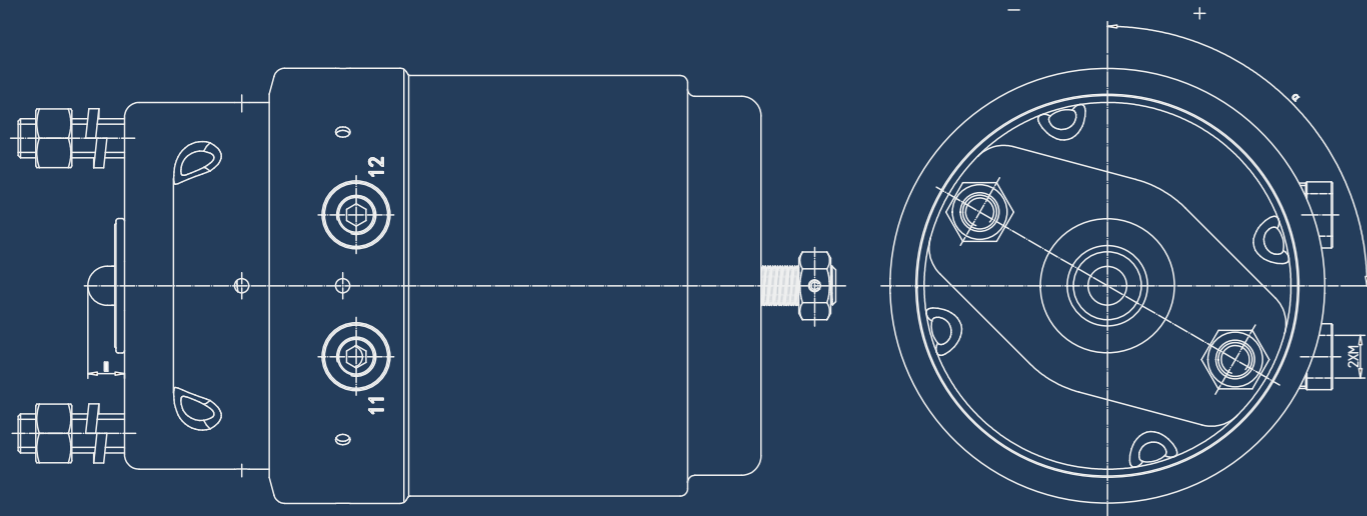
Quick 2 Release

Long Spring Cover

Type	SD No.	Cross Ref No.		S stroke	M side port	α port	β clamp	F Force	L length	Vehicle
16/24 P2	SD07K21				M22X1.5 VOSS	0	45	8900	15	IVECO
	SD07K21A01	BS8320-K001181	504051703		M16X1.5	-45	-135	10560	15	IVECO
	SD07K21A02	BS8321-K001182	504051704		M16X1.5	45	135	10560	15	IVECO
	SD07K21A03	BS8325-K001901	504072802		M16X1.5	70	135	10560	15	IVECO
	SD07K21A04	BS8324-K001900	504072801		M16X1.5	-70	-135	10560	15	IVECO
20/24 P2	SD07K22				M16X1.5	90	180	8900	15	
24/24 P2	SD07K23				M16X1.5	0	45	8900	15	
24/24 P2	SD07201	9254811900	1686010		M22X1.5 VOSS	45	-90	10560	15	



Type	SD No.	Cross Ref No.		S stroke	M port	α port	β clamp	F Force	L length	Vehicle
14/24	SD06K01		K026735		3/8					
16/24	SD06K02		K026731							
18/16	SD06K03		K027557							
18/24	SD06K04		K025670							
20/24	SD06K05		K025669							
22/24	SD06K06		K026737							
24/24	SD06K07		K026734							



Type	SD No.	Cross Ref No.		S stroke	M side port	α port	β clamp	F Force	L length	Vehicle
1827	SD08E02	BT4800-K009968	99474408 41285070		M16X1.5	-30	/	10000	15	
	SD08E12	BT4801-K009969	41285071 99482725		M16X1.5	30	/	10000	15	
2027	SD08E01	BT5800-K009970	100.020.025 99474409 41285072		M16X1.5	-30	/	10000	15	
	SD08E11	BT5801-K009971	100.020.026 41285073 99482725		M16X1.5	30	/	10000	15	
18/24	SD08E03	BT4807								
	SD08E13									
20/24	SD08E04	BT5417								
	SD08E14	BT5418								

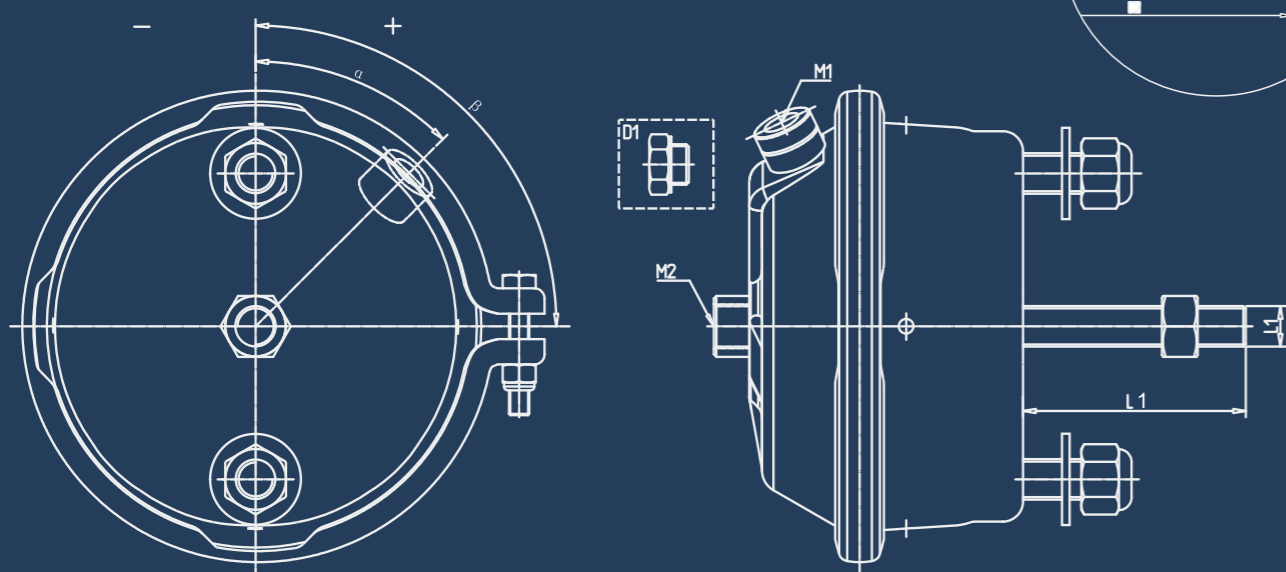
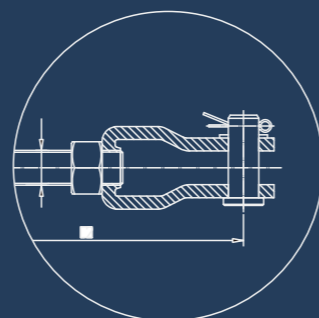
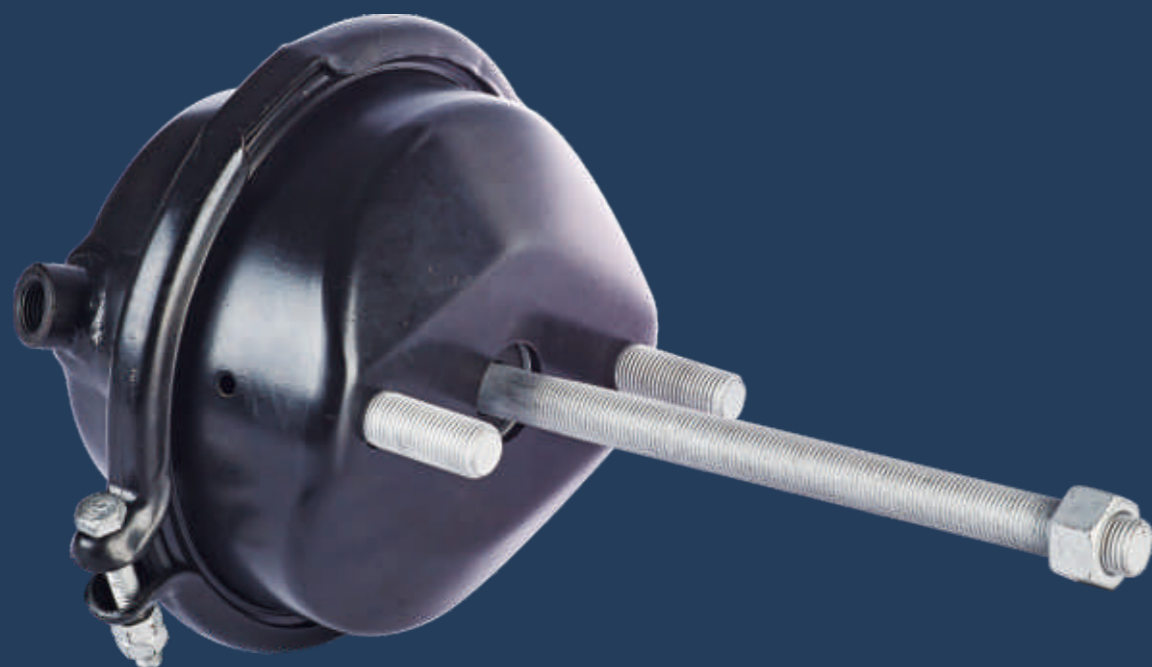
Type	SD No.	Cross Ref No.		S stroke	M side port	α port	β clamp	F Force	L length	Vehicle
H1624P	SD05001	3454105030 3454104830			M16X1.5	0	-90	8700	15	
H2024P	SD05002	0544443020 0544443010 0544444020 0544444010 3454104130 3454105130			M16X1.5	0	-90	8700	15	
		A3519020-02L		M16X1.5	0	30	8700	15		
		A3519020-02R		M16X1.5	0	-30	8700	15		
H2424P	SD05004	0544446020 0544446010			M16X1.5	0	45	8700	15	
		CH3530KQP030 040BO		M16X1.5	90	45	8700	15		
		JY3530NP6-010		M16X1.5	-90	90	8700	15		
		JY3530NP6-015		M16X1.5	90	-90	8700	15		
H24/30P	SD05005				M16X1.5	0	45	9100	15	
H36/30P	SD05006	9253231250	1505434		M16X1.5	0	45	9100	15	

SHENGDING MACHINERY

Leader in science and technology; customers first, continuous improvement, innovation expert, the quality of the integrated approach throughout the entire staff is committed to the creation of centers of excellence in quality, the pursuit of perfection, to enhance all-round fan of the brand value of SAND.



SHENGDING MACHINERY



Type	Sd Number	Oe Knorr/wabco	Part Number	Stroke	M2 Centre	M1 side port	α port	β clamp	L1 length	L2 length	Vehicle
9G	SD91001	4231029000	1505937 8283988000 09451591 9451590 1932619	57	M16X1.5	/	180	45	186	227	DAF KÄSSBOHRER SETRA KRONE SCANIA,
12G	SD91002	4231039000 BZ3261	82200300 1505025 BBU5929 1932620 5021170046 5430053317 0544412010 09451581 500945158 120321101 I81955 200253 81511016203 81511016207 81511016211 81511016216 81511019203	57	M16X1.5	M16X1.5+D	0	-135	186		NEOPLAN DAF SCANIA RENAULT BPW KRONE GOLDHOFER MAN
14GL	SD91008			75	M16X1.5	/	0	180		82.5	
	SD91008D			75	M16X1.5	M16X1.5+D	0	-45	190		
16GL	SD91003	4231049000	A0034201324 0014200224 0054207518 0074200118 81511016266 81511019249 834481 745398 WA4231049000 1010153 1912301 5021170047 0544413010 0203272700 79537 ASX0014018 AFA9104001 500945157 07016 051007	75	M16X1.5	M16X1.5	180	45	186	227	DAIMLER MAN DAF VOVO SCANIA RENAULT BPW KOGEL FREUHAUF KRONE ENALU MACK SCHMITZ
	SD91003N05	BZ3387-K006296		75	M16X1.5+D	M16X1.5	0	-135	190	245	
	SD91003N01		2251102	75	M16X1.5	M16X1.5+D	0	-45		357	
	SD91003N06	BZ3388-K006297		75	M16X1.5	M16X1.5+D	180	45	90		



Cross Cover

Type	SD No.	Cross Ref No.	S stroke	M2 Centre	M1 side port	α port	β clamp	L1 length	L2 length	Vehicle										
20GL	SD91004	4231059000	75	M16X1.5	M16X1.5+D	0	-135	190		0024206518 6984203721 81511016076 81511016199 07010020 0834482 BBU5931 834482 I61128AT 3345107R1 1738479 5021170049 0203273200 0544414010 175202 945154 ASX0014019 I66003 051009 200260 50291860	MB MAN NEOPLAN DAF VOLVO IVECO SCANIA RENAULT BPW KOGEL FRUEHAUF KRONE SCHMITZ GOLDHOFER LIEBHERR									
										SD91004D		M16X1.5	M16X1.5	0	-45	270				
										SD91004N	4231050840 4231050740 4231054500 BX3419-II33481 BX3419-II33782	1305774 1313833	75	M16X1.5	/	0	90	70		
											SD91004N11	4231054510	1313761	75	M16X1.5	/	90	180	187	
											SD91004N12	4231054540	1313828	75	M16X1.5	/	0	-90	215	
										24GL	SD91005	4231069000	75	M16X1.5	M16X1.5+D	180	45	186		0064201718 0064201618 0044208718 0044208618 0004207424 0014203524 81511016080 81511016115 07010024 11015181 0834483 BBU5932 6212188 1618592 3345108R1 1738480 1010154 0038855200 5021170051 0203273100 0544415010 0544415100 0544415110
SD91005N	4231060810	75	M16X1.5	0	180	215														

Type	Sd No.	Cross Ref No.	S Stroke	M2 Centre	M1 side port	α port	β clamp	L1 length	L2 length	Vehicle	
27GL	SD91009		75	M16X1.5	M16X1.5+D	0	-45	260			
30GL	SD91006	4231079000	75	M16X1.5	M16X1.5+D	0	-135	186		0004208024 8283850000 07010030 834484 0705707 BBU5933 1010155 1738481 5021170052 5000815361 295534 0544416010 0544416100 0544416110 0203272900 4454103900 175204 ASX0014021 50945152 123300001 502966208	MB NEOPLAN DAF VOLVO SCANIA RENAULT BENDIX BPW SAF/SAUER KOGEL FRUEHAUF KRONE HALDEX LIEBHERR
										SD91006D	BX3604-II33444 BX3605-II33445 BX3606-II33487 BX3609-II37479
36GL	SD91007		76	M16X1.5	M16X1.5	0	45	200			
	SD91007D	4230089190	76	M22X1.5	M22X1.5+D	45	45	186		BPW	
	SD91007D01	4230089160	76	M22X1.5	M22X1.5+D	45	45		227	DAF	



Type	SD No.	Cross Ref No.	S Stroke	M2 Centre	M1 side port	α port	β clamp	L1 length	L2 length	Vehicle
36GLL	SD51010	054410370	22089010	80	M22X1.5 VOSS	M22X1.5 VOSS+D	90	45	95	
	SD51011	054410410		80	M22X1.5 VOSS	M22X1.5 VOSS+D	0	135	95	
44GLL	SD51013	0544410380		80	M22X1.5 VOSS	M22X1.5 VOSS+D	0	135	95	



Type	SD No.	Cross Ref No.	S stroke	M1 side port	M2 centre port	α port	β clamp	L1 length	L2 length	Vehicle
20	SD92002W	4231051110 BZ3480 BZ3464	57	/	M16X1.5	/	0		37	MB EVOBUS MAN DAF RENAULT
20LS		K058715	75		Z3/8				57	
24	SD92004W	BZ3555 4231061060 BZ3533 BZ3534 BZ3537 BZ3538 BZ3539 BZ3540 BZ3545 BZ3555	57	/	M16X1.5	/	0		37	DAF MAN RENAULT NEOPLAN DAIMLER SCANIA
24		K058691	64		Z3/8				57	
24ELS		K058753	75		Z3/8				57	
27WL	SD91009W	4231091020	75	/	M16X1.5	/	0		37	
30		K058721	64		Z3/8				57	
30	SD92003W	4231074070	64	M12X1.5	M16X1.5	-30	-30		37	
30ELS		K058740	75		Z3/8				57	



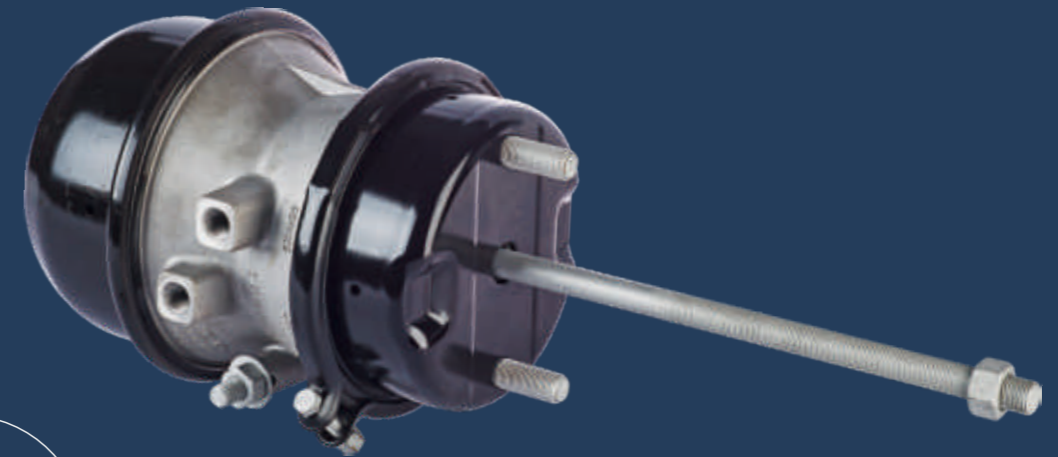
Type	SD No.	Cross Ref No.	S stroke	M1 side port	M2 centre port	α port	β clamp	L1 length	L2 length
16G	SD92001			M14X1.5	M14X1.5+D	0	90		165
20G	SD92002L	CH3519KQG010N4		/	Z1/4	/	60		225
	SD92002R	CH3519KQG020N4		/	Z1/4	/	-60		225
24G	SD92004		57	/	M16X1.5	/	60		225
	SD92005D		57	M14X1.5	M14X1.5+D	0	90		65
30G	SD92003	4231070100	64	M16X1.5	M16X1.5	0	90	58	



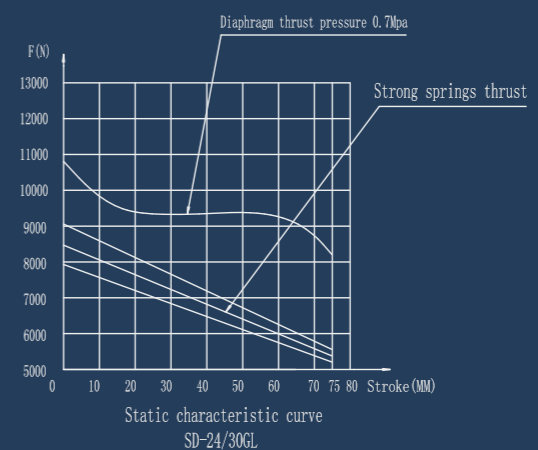
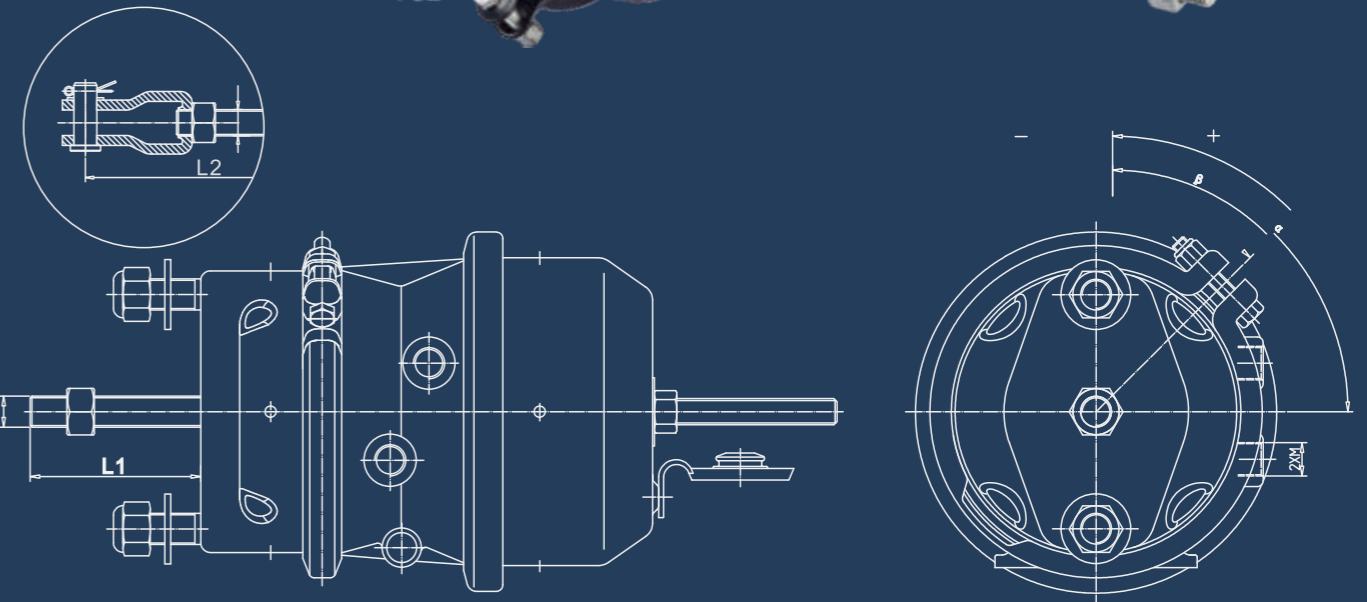
Type	SD No.	Cross Ref No.	S stroke	M1 side port	M2 centre port	α port	β clamp	L1 length	L2 length
20G	SD92002T		64	M12X1.5	Z1/4	0	45		208
24G	SD92004T		64	M12X1.75	Z3/8	0	45		208
24GC	SD92004C	4231060410 20438473 1618593	64	M12X1.75	Z3/8	0	45		208



Type	SD No.	Cross Ref No.	M1 side port	M2 side port	α port	β clamp	L1 length	L2 length	Vehicle
12G	SD91002A	57	M16X1.5+D	M16X1.5	180	45		227	
16GL	SD91003A	75	M16X1.5+D	M16X1.5	0	-135	190	245	
20GL	SD91004A	718098	75	M16X1.5+D	M16X1.5	0	0	200	
24GL	SD91005A	718094	75	M16X1.5+D	M16X1.5	0	0		
30GL	SD91006A	75	M16X1.5+D	M16X1.5	180	45		227	



Type	SD No.	Cross Ref No.		S stroke	M1 side port	M2 centre port	α port	β clamp	L1 length	L2 length
12G	SD51006	800822	5007117N	57	Z1/4	Z1/4+D	0	45	225	
16G	SD51001	800823	5007118N	64	/	Z1/4	/	45		240
	SD51001D			64	Z3/8	Z3/8	-90	45	266	
16GL	SD51001L	BZ3372-II33455		75	1/4NPTF+D	1/4NPTF	90	45	228	
20G	SD51002			57	/	3/8"NPTF	/	90	350	
	SD51002N01			57	/	3/8"NPTF	/	60		225
	SD51002N03			57	/	Z1/4	/	45		250
	SD51002N04	802990	800824	57	3/8"NPTF	/	90	45		275
	SD51002D			57	3/8"NPTF	3/8"NPTF+D	-90	45		222.5
24G	SD51003N01			57	/	Z3/8	/	45	230	
	SD51003N03			57	/	Z3/8	/	60		225
	SD51003N05			57	/	Z1/4	/	45		235
	SD51003D			57	Z3/8	Z3/8+D	-90	45		222.5
	SD51003D01	802986	800825	57	Z3/8+D	Z3/8	-90	45	266	198
24GL	SD51007D01		K025365	76	Z3/8+D	Z3/8	0	90		200
	SD51007D02			76	Z1/4	Z1/4+D	0	-45	200	
30G	SD51004			64	/	3/8"NPTF	/	45		290
	SD51004N01			64	/	Z1/4	/	45		272
	SD51004N03			64	/	Z1/4	/	45	350	
	SD51004N04			64	/	3/8"NPTF	/	/	270	
	SD51004N			64	3/8"NPTF	/	90	45		239.5
	SD51004D			64	3/8"NPTF	3/8"NPTF+D	-90	45		222.5
	SD51004D01			64	3/8"NPTF	3/8"NPTF+D	-90	45	256	
	SD51004D02			64	3/8"NPTF+D	3/8"NPTF	135	45		248
	SD51004D03	800826	5007121N	64	3/8"NPTF+D	3/8"NPTF	0	45	230	193
30ELS		K025360	K025356	76	Z3/8+D	Z3/8				200
36		800827	5007122N	76	Z3/8+D	Z3/8				213



Type	SD No.	Cross Ref No.	M1 side port	α port	β clamp	F Force	L1 length	L2 length	Vehicle
2424G	SD93004S	2424GCMLS	M16X1.5	90	-45	5800		265	
2430GL	SD93001S		M16X1.5	90	135	6750	285		
3030GL	SD93007S		M16X1.5	90	135	6750		250	



Type	SD No.	Cross Ref No.	M1 side port	α port	β clamp	F Force	L1 length	L2 length	Vehicle
1624G	SD93002		M16X1.5	-90	0	5800		270	
2024G	SD93003	165142 2024GCM 2024GCMSS BX7401	M16X1.5	-90	0	5800		270	
2424G	SD93004	165141 2424GCLSM BX7516 9253703170	M16X1.5	90	-45	5800		265	
2430G	SD93005	2430GCMLS	M16X1.5	0	90	7500		330	
	SD93005N	BX7514-SEB01267 BX7514-K031748	M16X1.5	90	180	6900		250	
	SD93005M	9253611000	M16X1.5	0	45	5700	203		
2430GL	SD93001	9253713000 9253713070 BX7523 BX7525	0203273900 0544420010 0544420040 0544420100 0544420110 1325352 5021170326 050408 346154001 346181001 04454109270	M16X1.5	90	45	7500	186	BPW DAF RENAULT SCHMITZ
	SD93001N	9253713080 9253713090		M16X1.5	0	45	6500	227	
3030G	SD93006	BX7611-K031744 BX7612-K031745	1519143 5021170325	M16X1.5	90	135	7300	235	DAF RENAULT
	SD93006N	9253621000		M16X1.5	90	-30	5800	335	
3030GL	SD93007	9253723000		M16X1.5	-90	-45	6800	186	BPW DAF SCANIA SAF
	SD93007A	9253771100 9253771210	883258	M16X1.5	-90	-45	7500	288	BBPW DAF SCANIA SAFPW

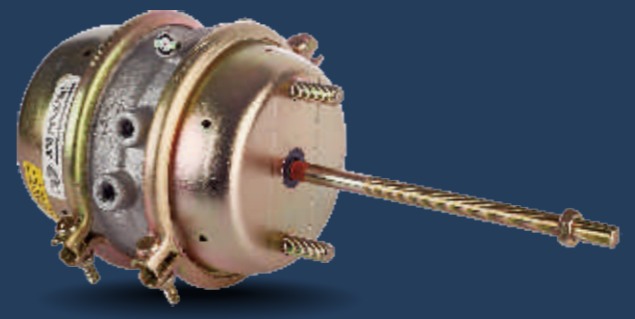
Type	SD No.	Cross Ref No.	M1 side port	α port	β clamp	F Force	L1 length	L2 length	Vehicle
S2430G	SD98002N01	9253762000 9253760050	64	M16X1.5	90	/	6500	224	DAF
S3030G	SD98003N01	9253772000 9253770020	64	M16X1.5	-90	/	6500	212	212
S2030GL	SD98001	9253751000	76	M16X1.5	90	/	7500	213	
S2430GL	SD98002	0879096 0883026 0883545 WA9253761060 9253761060 9253760030 9253761030 9253761020 1935390 06310219 9253760000 200483 9253761000 240542112 1362430001	76	M16X1.5	-90	/	6200	264	SCHMITZ DAF MAN RENAULT VOLVO SCANIA
S2430GL	SD98002A		76	M16X1.5	90	/	7500	200	
S30/30GL	SD98003	9253770000 9253771000 9253770010 9253771010 9253771100	76	M16X1.5	-90	/	6200	212	DAF BPW VOLVO SCANIA SAF
S30/30GL	SD98003A		76	M16X1.5	90	/	7500	220	
S30/30WL	SD98003W		76	Z3/8	45	/	7500	101	



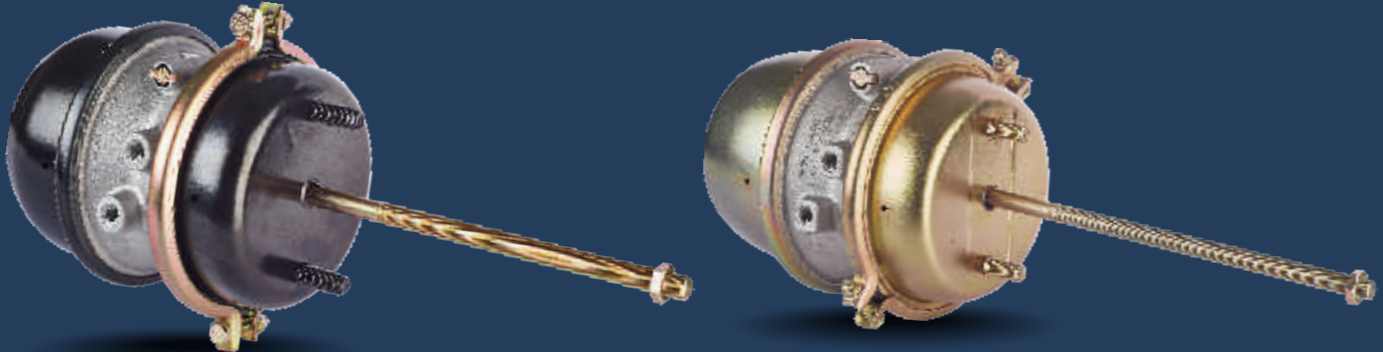
Type	SD No.	Cross Ref No.	M1 side port	α port	β clamp	F Force	L1 length	L2 length	Vehicle
1824	SD72003	41225766		0	0	5800		103	ROR
2024	SD72001	41225765 40633A	M16X1.5	0	0	5800		103	ROR
2224	SD72004	41225764							ROR
2424	SD72002	41225763 40632A	M16X1.5	0	0	5800		103	ROR
S2424G	SD73001L		M16X1.5	/	90	7500		37	
	SD73001R		M16X1.5	/	-90	7500		37	



Type	SD No.	Cross Ref No.	M1 side port	α port	β clamp	F Force	L1 length	L2 length	Vehicle
2024	SD52001		3/8"NPTF	-90	0	5800	266		
2424	SD52002		3/8"NPTF	90	-45	5800		235	
2430	SD52003		3/8"NPTF	-90	0	7200		325	
2430GL	SD52004		3/8"NPTF	90	45	7300	285		
3030G	SD52005		3/8"NPTF	-90	0	7200		325	



Type	SD No.	Cross Ref No.	M1 side port	α port	β clamp	F Force	L1 length	L2 length	Vehicle
2430G	SD52003DC		Z3/8	-90	0	7200	325		
3030G	SD52005DC		3/8"NPTF	45	90	7200	198		



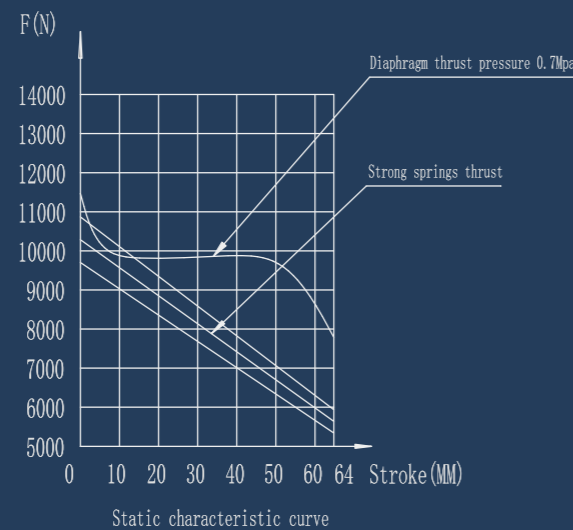
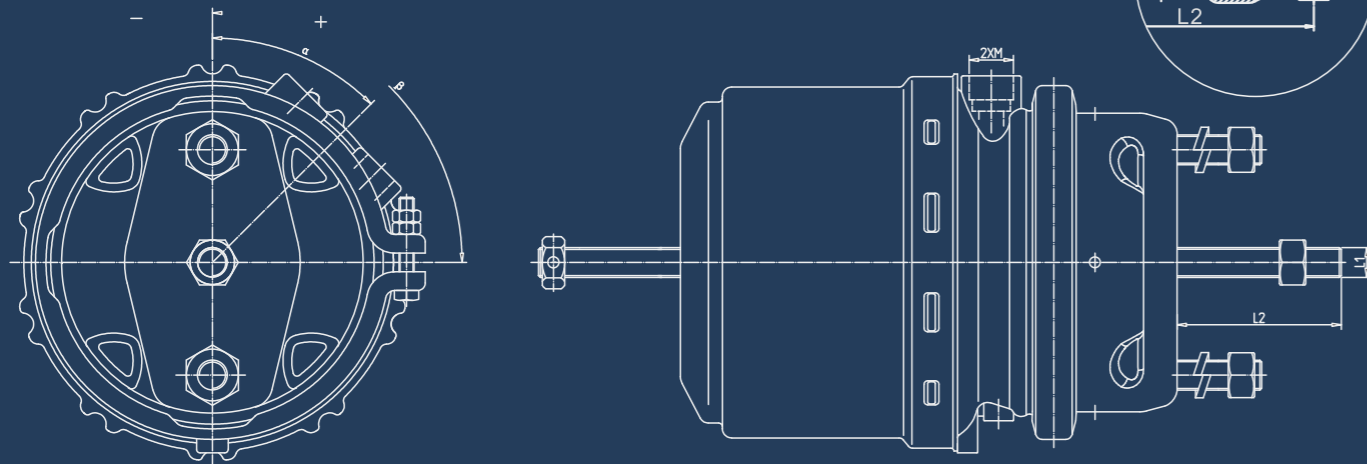
Type	SD No.	Cross Ref No.	M1 side port	α port	β clamp	F Force	L1 length	L2 length	Vehicle
1624	SD52007		3/8"NPTF	90	-45	5800		206	
2024	SD52001		3/8"NPTF	-90	0	5800	266		
2424	SD52002		3/8"NPTF	90	-45	5800		235	
2430	SD52003SC		3/8"NPTF	-90	0	7300		310	
2430G	SD52004SC		3/8"NPTF	90	45	7100	285		
3030G	SD52005SC	NT3030STD-120 NT3030STD-120TC	3/8"NPTF	90	45	7300	285		
3030GL	SD52008SC		3/8"NPTF	90	135	7100		266	
3636GL	SD52006	800833 5007134N	Z3/8	90	45	10800		281	



Type	SD No.	Cross Ref No.	M1 side port	α port	β clamp	F Force	L1 length	L2 length	Vehicle
2430G	SD52003DS		3/8"NPTF	-90	45	7200	266		
3030G	SD52005DS		3/8"NPTF	45	90	7200	200		



TYPE	SD NO.	CROSS REF NO.	M1 SIDE PORT	α port	β clamp	F Force	L1 LENGTH	L2 LENGTH	VEHICLE
3030	SD52005SS						250		



Type	SD No.	Cross Ref No.	M1 side port	α port	β clamp	F Force	L1 length	L2 length	Vehicle	
12/12	SD96012	9254550010								
16/16	SD96006	9254941070 9253248050 9254940000	23656 A01142002218 72202000 11062533	M16X1.5	0	-135	6000	203		MACK MB NEOPLAN
	SD96006A			M16X1.5	0	45	6800		207	
14/24	SD96010	9254981050 9254981057 9254281000	1523961 A0164200618	M22X1.5 VOSS	0	-135	7750	253		DAF DAIMLER
16/24G	SD96003	9254940410 9254949600 9254941080	1518151 1802696 1331410 1117755	M22X1.5 VOSS	0	-135	7800	250		DAF SCANIA KOGEL LIEBHERR
16/24W	SD96003W	9254241000	100.020.022 A0124200018	M22X1.5 VOSS	0	45	7800		187	DAIMLER
	SD96003W07	9254949100	A0194208718	M22X1.5 VOSS	105	-165	7900		37	DAIMLER
	SD96003W08	9254949110	A0194208818	M22X1.5 VOSS	-105	165	7900		37	DAIMLER
20/24G	SD96004	9254909250 9254909257 9254901020 9254901027	1506797 1935470 1519443 5021170332 5021170339 02486891 8285454000	M22X1.5 VOSS	0	-135	7800	250±2		MB DAF MAN SCANIA RENAULT IVECO EVOBUS
	SD96004A	9254907550 9254907557		M22X1.5 VOSS	0	45	8750	250±2		
2024W	SD96004WA	9254207500 9254207010 9253207010	1506383 81504106561 81504106615 81504106607 81504106683 81504106427 81504106312 81504106310 81504106348 81504106512 81504106308 81504106309	M16X1.5	0	45	8750			DAF MAN NEOPLAN
20/30	SD96011	9254205020 9254909010 9254909060	1521953 A0194209818							



Type	SD No.	Cross Ref No.	M1 side port	α port	β clamp	F Force	L1 length	L2 length	Vehicle						
24/24	SD96005	85504106002 070214800 1518145 1506655 4778653 1935399 1935471 5021170336 6500690 157894 190615 190576	M22X1.5 VOSS	0	-135	8000			MAN NEOPLAN DAF IVECO EVOBUS SCANIA RENAULT KOGEL GOLDHOFER VDL BUS						
		9254911410 9254911417 9254911420 9254213420 9254213460							M16X1.5	0	-90	8000	70	SCANIA DAF	
		9254310330 9254310337 9254310630 9254310470												1446042 571778 1313821 1505115R	SCANIA
		9254310380												1446045	SCANIA
		9254310410												1731941 1446046	SCANIA VOLVO
		9254310400												1731942	VOLVO SCANIA
														4006517760 S49U0-E0330	HINO
SD96005A	9254917550	8285375000 81504109476 81504106345 81504106519 81504109552 1523549	M22X1.5 VOSS	0	45	8000	250		EVOBUS MAN DAF NEOPLAN						
2424W	SD96005W02	9254919000 9254219000	A0194209118 A0164201418	M22X1.5 VOSS	105	-165	7800	37	MB						
		9254919010 9254219010	A0194209218 A0164204118	M22X1.5 VOSS	-105	165	7800	37	MB						
	SD96005W05	9254911050	A0194207718	M22X1.5 VOSS	55	180	8000	187	MB						
	SD96005W06	9254911060	A0194207818	M22X1.5 VOSS	-55	-180	8000	187	MB						
	SD96005W13	9254213460	1199429	M16X1.5	-90	-150	8000	112	MB DAF VDL BUS						
	SD96005W14	9254213420	1199428	M16X1.5	90	-150	8000	112	MB DAF VDL BUS						
	SD96005WA	9254217500	81504106540 81504109540 81504106620 81504106684	M22X1.5 VOSS	0	45	8000		75	MAN					
	SD96005WA1	9254217510	81504106551 81504109551 81504106609 81504106619 1523549	M22X1.5 VOSS	90	-45	8000		200	MAN NEOPLAN DAF					
SD96005WA2	9254217520	81504106552 81504109552 81504106608	M22X1.5 VOSS	-90	45	8000		200	MAN NEOPLAN DAF						

Type	SD No.	Cross Ref No.	M1 side port	α port	β clamp	F Force	L1 length	L2 length	Vehicle	
2424C	SD96005C	1505463 1606835 1606836 1606887 1609803 1626182 1626183 1629515 1935413 4124164 4124169	9254310950 9254310957	M16X1.5	0	180	8000	247	DAF VOLVO SCANIA MGM	
	SD96005C05	9254911070 9254310930	20410154 20533195	M16X1.5	0	-25	8000	58	VOLVO	
	SD96005C01	9254911040		M22X1.5 VOSS	0	130	8000	58		
	SD96005C02	9254310940		M22X1.5 VOSS	0	-130	8000	58		
	SD96005C03	9254311400 9254911030 9254911080	20533196 20438487 7420713921	M16X1.5	0	50	8000	58		VOLVO RENAULT
	SD96005C04	9254311410		M16X1.5	0	-50	8000	58	VOLVO RENAULT	



Type	SD No.	Cross Ref No.	M1 side port	α port	β clamp	F Force	L1 length	L2 length	Vehicle
24/24GA	SD97001C	9254911600 9254911610	22080434 7422080435	M16X1.5	0	130	11000	58	VOLVO RENAULT
27/24GA	SD97002	9254990710 9254990700	7421149777 21149785	M16X1.5	0	50	11000	220	
24/30GA	SD97003	9254314210		M16X1.5	0	-90	10250	70	
	SD97003L	9254314220	1446053	M16X1.5	75	135	10250	70	
	SD97003R	9254314230	1446054	M16X1.5	-75	-135	10250	70	
24/30GA	SD97003A	9254911110		M22X1.5 VOSS+T	0	-135	11250	250±2	
	SD97003AL	9254314920	1523749	M16X1.5	15	-90	12000	70	
	SD97003AR	9254314910 9254314900	1523748 1446052	M16X1.5	0	-90	12000	70	SCANIA



Type	SD No.	Cross Ref No.	M1 side port	α port	β clamp	F Force	L1 length	L2 length	Vehicle
2430	SD96001		M22X1.5 VOSS					260	
	SD96001N	9254911430 9254911437	A0194208018 A0114207418 A0084209818 070217100 1459614R 1270270 1608734 1935472 5021170337 505821722	M22X1.5 VOSS	0	-135	10800	250	
2430	SD96001C	9254911350 9254911357 9254911300	20438488 20533202 8112621 85000577 7420713923	M16X1.5	0	50	10800	58	
	SD96001C01	9254911320 9254911327	20533204 1629513 85000579 3987108 8112623 74207923 20533205	M16X1.5	35	80	10800	220	
	SD96001C02	9254315140 9254315147	1505464R 1608732 1608733 1608734 1626187 1629513 5003228 8112621 1935415 1626188 4128152	M16X1.5	0	180	10800	247	
2430	SD96001W01	9254914400	A 020 420 0118	M22X1.5 VOSS+K1	-105	165	10800	37	MB
	SD96001W02	9254914410	A 020 420 0218	M22X1.5 VOSS+K1	105	-165	10800	37	MB
	SD96001W05	9254215400 9254214500		M22X1.5 VOSS	0	45	10800	75	
	SD96001W06	9254214510		M22X1.5 VOSS	0	45	10800	200	
	SD96001W07	9254214520 9254215420	81504106629 81504106633	M22X1.5 VOSS	90	-45	10800	200	MAN NEOPLAN
	SD96001W08	9254215430 9254214530	81504106628 81504106634	M22X1.5 VOSS	-90	45	10800	200	MAN NEOPLAN



Type	SD No.	Cross Ref No.	M1 side port	α port	β clamp	F Force	L1 length	L2 length	Vehicle
27/24G	SD96007		M22X1.5 VOSS	0	-135	8000	250		
	SD96007N	9254990000 9254990007	1506761 1935477 5021170344 1506761R 1505468R N2504019109	M16X1.5	0	-135	8000	250	MAN DAF SCANIA
	SD96007N01	9254990030 9254990040 9254990270 9254990280 9254391100	20533210 20466200 1079945 20533211 7421994525 7421994526	M16X1.5	0	25	8000	220	VOLVO MERITOR
3024G	SD96008	9254921010 9254921017 9254920700 9254920710 9254920720 3254500020 3254500030	879088R ESBCU2599 1935474 25141128 S49U0-E0F60 S49U0-E0F70 S49U0-E0B60 S49U0-EW060 S49U0-EW070	M16X1.5	0	-135	8000	250	DAF VOLVO SCANIA RENAULT
	SD96008N	9254922070		M22X1.5 VOSS	0	-135	8000	250	
	SD96008N01	9254320220	1446056 1367493 46460-6x4 6520-6x4 5297-4x2	M16X1.5	0	180		70	SCANIA KAMAZ
3024G	SD96008A	9254921000 9254921007	1935473	M16X1.5	0	-135	8900	250	SCANIA
	3024W SD96008W	9254920010		M16X1.5	0	-105	8000		DAIMLER



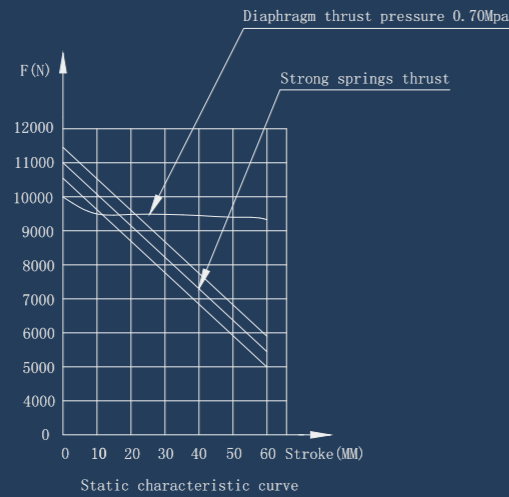
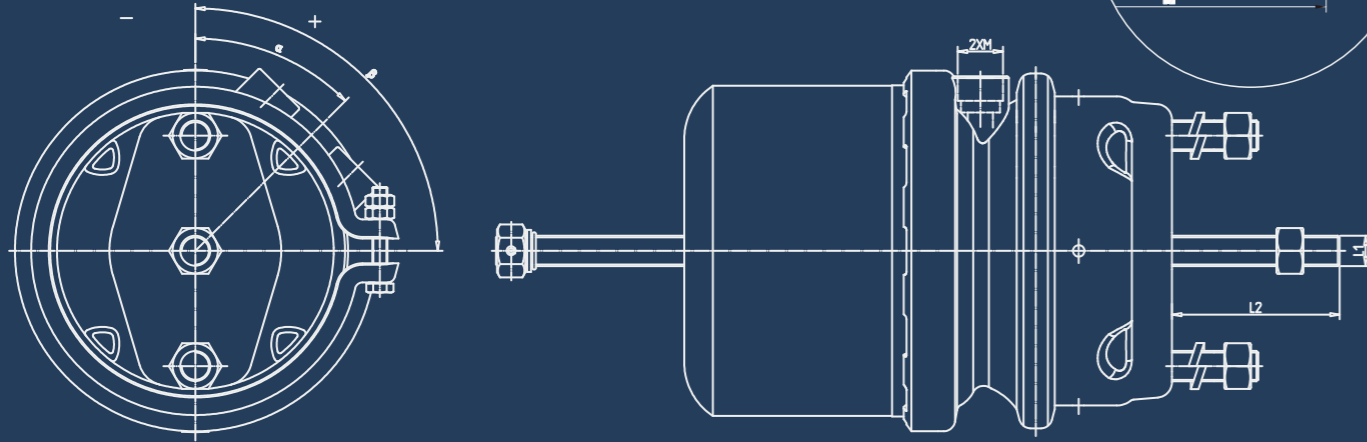
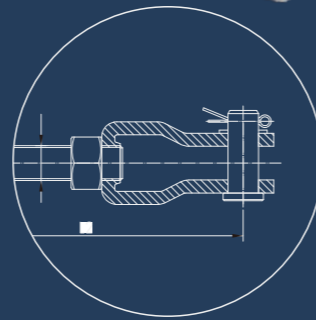
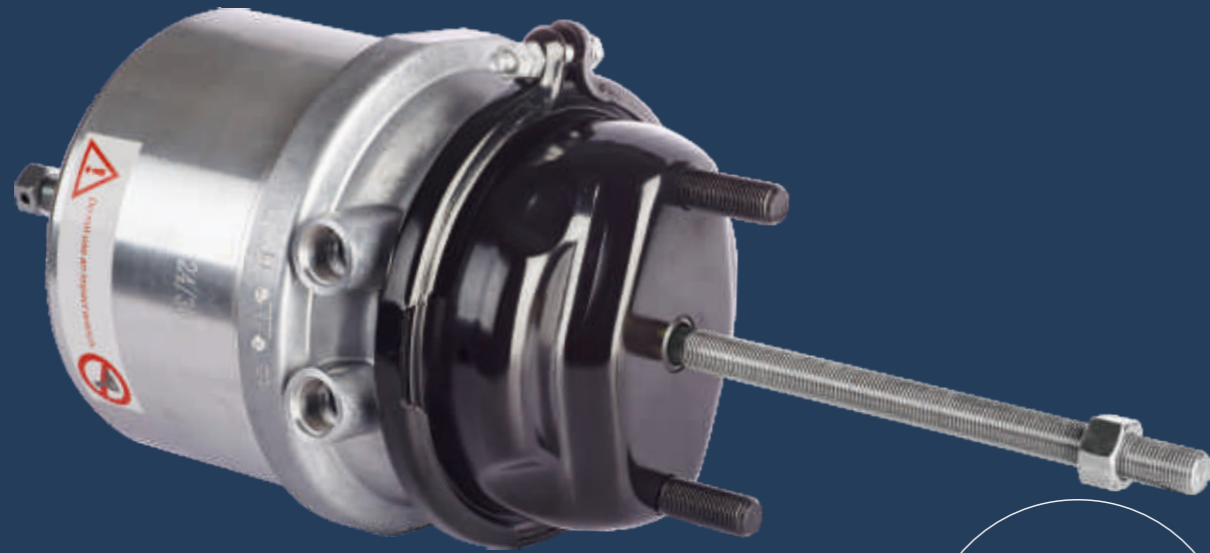
Type	SD No.	Cross Ref No.	M1 side port	α port	β clamp	F Force	L1 length	L2 length	Vehicle	
3030	Sd96002	1518313 1518149 0282042 1506395 81504106521 81504106679 11013227 070216300 8283696000 1935475 5000787260 5010485493 5001829102 6500691 1188390240 502968208 4131002 151447 1270263 660740	M22X1.5 VOSS	0	-135	10800	250		MB EVOBUS DAF IVECO SCANIA VOLVO RENAULT MAN NEOPLAN KOGEL BENALU LIEBHERR DIMETAL GOLDHOFFER VDL BUS DENNIS HOWO	
		SD96002N	9254520010	5021170338	M16x1.5	0	-135	10800	250	
		SD96002N33	9254920000		M22X1.5 VOSS	0	30	10800	33	MAZ
		SD96002N07	9254922060		1/4NPTF	90	0	10800	250	
		SD96002N08	9254922050		3/8NPTF	90	0	10800	250	
		SD96002M	9254321150	1446059	M16x1.5	0	-135	10200	70	
		SD96002M01	9254321130	1446057	M16x1.5	-38	90	10200	215	
		SD96002M02	9254321140	1446058	M16x1.5	38	-90	10200	215	
		SD96002M03	9254920020	20927128	M16x1.5	0	-150	10200	58	VOLVO
		SD96002M13	9254322000		M16x1.5	0	180	10200	200	
3030G	SD96002N20	9254229050		M22X1.5 VOSS	90	-135	10800	200		
3030W	SD96002W	9254221200		M22X1.5 VOSS	0	45	10800	75		
	SD96002W01	9254922030	A0194208118	M22X1.5 VOSS	-30	-15	10800	37	MB	
	SD96002W02	9254922130	A0194208218	M22X1.5 VOSS	30	15	10800	37	MB	
	SD96002W03	9254922090	A0194208518	M22X1.5 VOSS	-55	180	10800	187	MB	
	SD96002W04	9254922210	A0914208618	M22X1.5 VOSS	55	180	10800	187	MB	
	SD96002W05	9254929020		M22X1.5 VOSS	105	-165	10800	37		
	SD96002W06	9254929030		M22X1.5 VOSS+T	-105	165	10800	37		
	SD96002W07	9254324800	5010260189	M22X1.5 VOSS+T	0	-135	10800	300		
	SD96002W08	9254324810	5010260186	M16x1.5	0	45	10800	86		
	SD96002WA	9254224340		M16x1.5	0	-135	12200	265.5		
	SD96002WA1	9254221500	1602676	M22X1.5 VOSS	-75	90	12200	50		
	SD96002WA2	9254221510	1602677	M22X1.5 VOSS	75	-90	12200	50		
	SD96002WA3	9254221340		M16x1.5	-30	90	12200	86		
	SD96002WA4	9254221350		M16x1.5	30	-90	12200	86		

Type	SD No.	Cross Ref No.	M1 side port	α port	β clamp	F Force	L1 length	L2 length	Vehicle	
27/30	SD96009	Zg046390002 070215200 11013219 81504106280 1519174 1270273 1506563 1935478 503135324 5021170343 5021170342	M22X1.5 VOSS+T	0	-135	10600	250±2		MAN NEOPLAN DAF SCANIA IEVCO RENAULT	
		SD96009N01	9254990310 9254990330	7420736417 21015272	M16x1.5	0	50	10600	247	RENAULT VOLVO
		SD96009A		77716686 2251527 220041010078	M22X1.5 VOSS	0	-90	10600	280	
27/30W	SD96009W01	9254290610 9254290617	1603234 1270272	M16x1.5	45	135	10600	85	DAF	
	SD96009W02	9254290620	1603235	M16x1.5	-45	-135	10600	85		
	SD96009WA	9254290200		M16x1.5	0	180	12000	85		

Inner 3
Release



Type	SD No.	Cross Ref No.	M1 side port	α port	β clamp	F Force	L1 length	L2 length	Vehicle
24/24G3	SD96201L	9254212000	9254212000	M22X1.5 VOSS	159	25	8000		
	SD96201R	9254212010	9254212010	M22X1.5 VOSS	-159	-25	8000		
3030W	SD96203L	9254921040		M16x1.5	-35	145	10800	53	
	SD96203R	9254921050		M16x1.5	35	-145	10800	53	

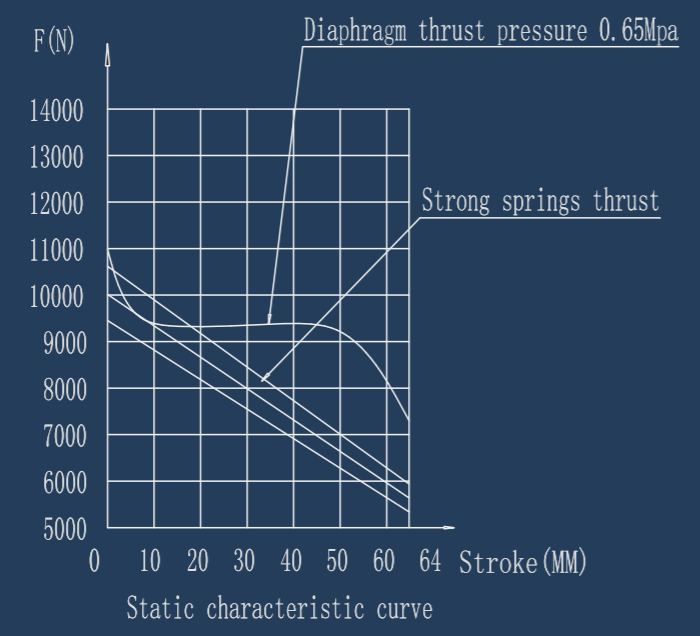
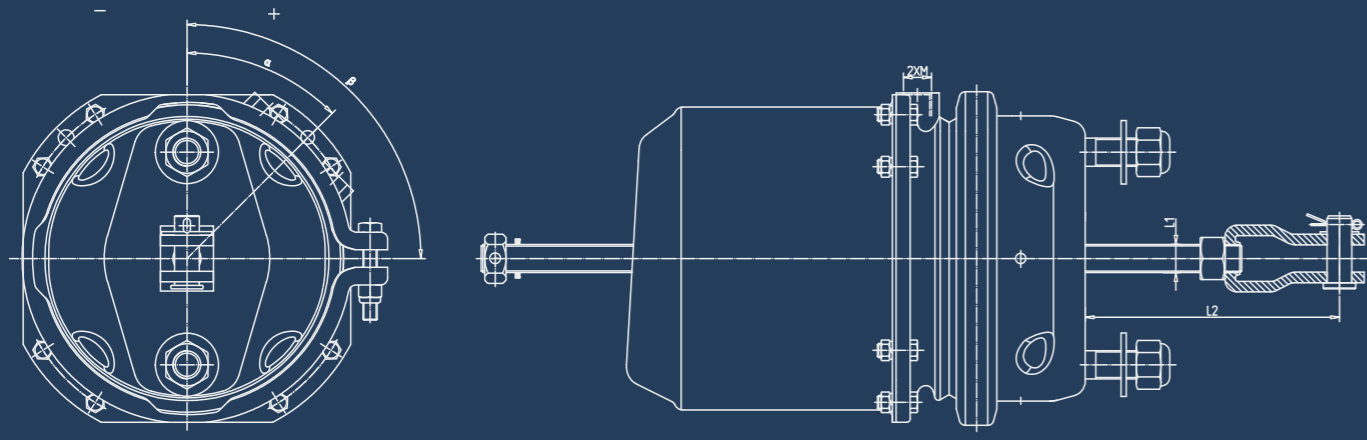
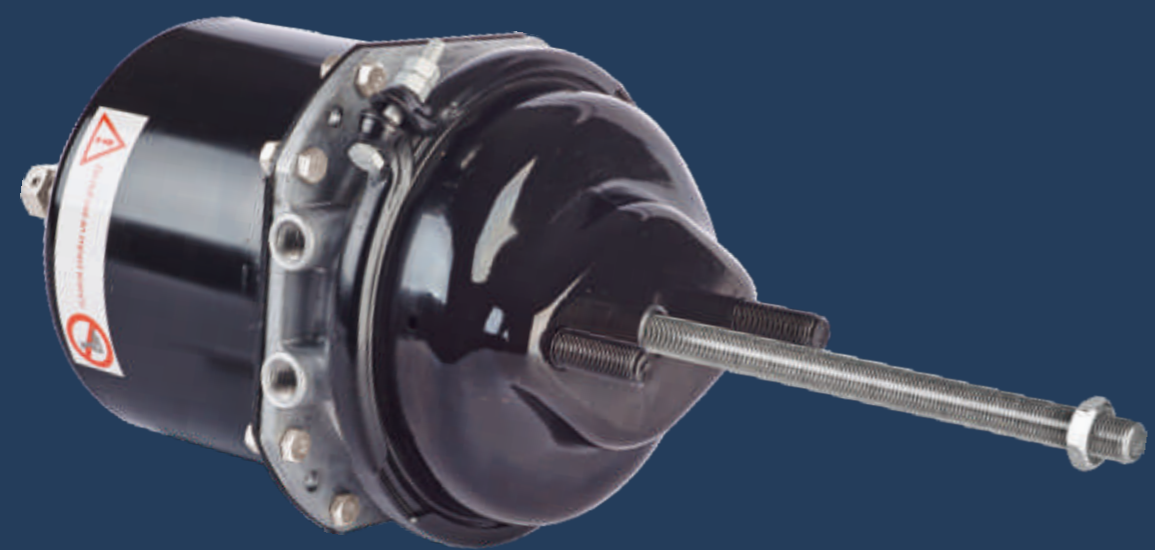


Type	SD No.	Cross Ref No.	M1 side port	α port	β clamp	F Force	L1 length	L2 length	Vehicle
1624G	SD96K01	BZ9338-K002602 BZ9324-II37272	M22X1.5 VOSS	0	45	8200	300		
20/24G1	SD96K02	BX9400	BX9400	M22X1.5 VOSS	0	8200			
2424G1	SD96K03	BX9520-II37278	M22X1.5 VOSS	0	45	8200			
2424W	SD96K03W	BZ9512-II19264	M22X1.5 VOSS	0	45	8200	300	75	
	SD96K03W01	BZ9514-II19266	M22X1.5 VOSS	-90	45	8200		200	
2430G1	SD96K03W02	BZ9513-II19265	M22X1.5 VOSS	90	-45	8200	300	200	
	SD96K04	BX9521	M22X1.5 VOSS	0	45	10600			
2430W1	SD96K04N		M22X1.5 VOSS+T	90	180	10600	300		
	SD96K04W	BX9506-II32735	M22X1.5 VOSS	0	45	10300	300	200	

Quick 2
Release



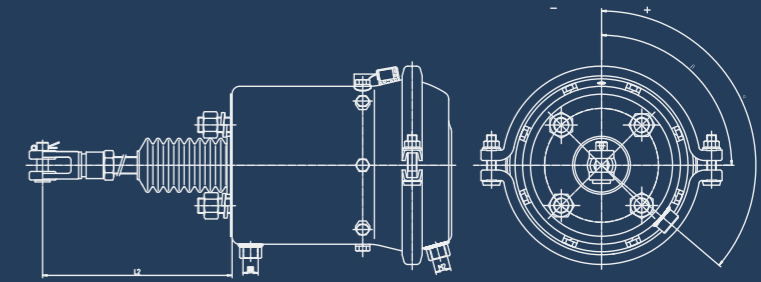
Type	SD No.	Cross Ref No.	M1 side port	α port	β clamp	F Force	L1 length	L2 length	Vehicle
1624	SD96K21		M22X1.5 VOSS	90	180	8200	218		
2024	SD96K22		M22X1.5 VOSS	90	180	8200	216		
2424			M16X1.5	90	180	7800		270	
	SD96K23		M22X1.5 VOSS	90	180			75	
2424	SD96K23N01		M22X1.5 VOSS	90	180			200	
	SD96K23N02								
2430	SD96K24		M22X1.5 VOSS	0	45	10600		352	



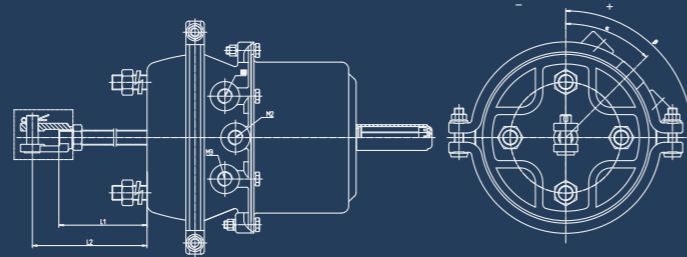
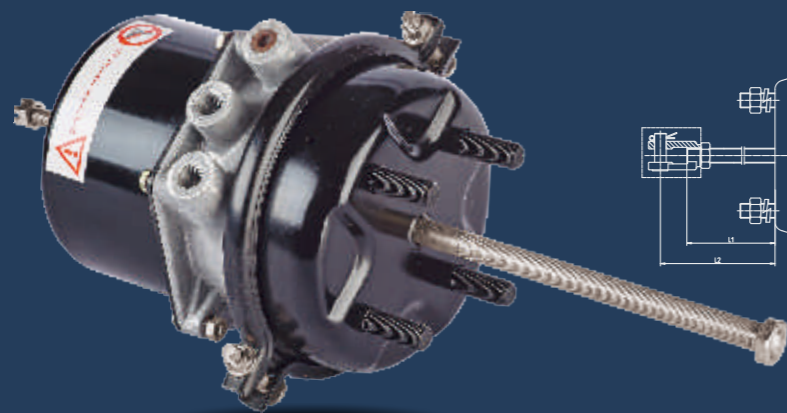
Type	SD No.	Cross Ref No.	M side port	α port	β clamp	F Force	L2 length	Note
1624	SD95002		M16X1.5	0	-90	8700	270	
	SD95002W	9253240000	M16X1.5	0	45	8700	187	
2024	SD95003		M16X1.5	0	-90	8700		260
2424	SD95004		M16X1.5	0	45	8700		260
	SD95004N	9253211600	M16X1.5	0	-135	8700		187
	SD95004N01	9253212020	M22X1.5	0	-135	8700		290
	SD95004N05	HLP3502041CK7ME	M16X1.5	0	-135	8700		140
	SD95004N06	HLP3502042CK7ME	M16X1.5	0	135	8700		140
	SD95004N08	CH8H8-35300001	M16X1.5	0	-40	8700		65
	SD95004N09	CH8H8-35300002	M16X1.5	0	40	8700		65
2430	SD95005		M16X1.5	0	45	9100		265
2724	SD95014		M16X1.5	-54	45	8700	260	
2730	SD95009		M16X1.5	0	-65	9100		65
	SD95009N		M16X1.5	0	45	9100	245	
30/24	SD95006		M16X1.5	0	180	8700	260	
	SD95012N01	CH3530KBG010B0	M16X1.5	-40	0	8700		65
	SD95012N02	CH3530KBG020B0	M16X1.5	40	0	8700		65
	SD95012N03	CH3530KBG030B0	NPT3/8	-40	0	8700		65
	SD95012N04	CH3530KBG040B0	NPT3/8	40	0	8700		65
	SD95012N11	136 410 030	NPT3/8	0	40	8700		180
	SD95012N12	136 410 040	NPT3/8	0	-40	8700		180
3030	SD95007		M16X1.5	0	45	9100		250
	SD95007N01	3530 490 204 0	M16X1.5	0	-40			65
	SD95007N02	3530 490 205 0	M16X1.5	0	40			65
3630	SD95013		M16X1.5	0	90	9100	235	



Type	SD No.	Cross Ref No.	M port	α port	β clamp	F Force	L length	Vehicle
2024	SD95010		M16X1.5+M14X1.5	0	90		75	TATA
2424	SD95011		M16X1.5+M14X1.5	0	90			
2424	SD95012		M22VOSS	0	90			



Type	SD No.	Cross Ref No.	M side port	α port	β clamp	F Force	L2 length	Note
ZM440M	SD80001	ZM440M201	2-Z1/4	180	90		135	
	SD80002	ZM440M203	2XZ3/8	180	90		135	
	SD80005	ZM440M200	2XZ3/8	180	90		380	
	SD80003	ZM440M202	2-Z1/4	180	90		140	HOPPER



Type	SD No.	Cross Ref No.	M2 Centre	M1 side port	α port	β clamp	F Force	L1 length	L2 length	Note
H148	SD95009	MH02	47850-4400	Z3/8	Z3/8	0	90	7500	110	4-STUD
	SD95009S	MH01	47850-4390	Z1/4	Z1/4	0	90	7500	110	
	SD95009L			Z3/8	Z3/8	0	90	7500	280	
H148	SD95010	MH03	LD148-NL2	Z3/8	Z3/8	0	90	7500	110	2-STUD



Type	SD No.	Cross Ref No.	M side port	α port	β clamp	F Force	L2 length	Note
ZM440	SD80004	ZM440M100	Z1/4	135	/		382	2-STUD
	SD80006L	ZM440M105	KSM3060SBC-149	Z3/8	62	28	311	2-STUD
	SD80006R	ZM440M107	KSM3060SBC-150	Z3/8	118	-28	311	2-STUD
	SD80007	ZM440M106		Z1/4	135	/	125	4-STUD



Type	SD No.	Cross Ref No.		M1 side port	α port	β clamp	F Force	L1 length	L2 length	Vehicle
K20G	SD6C001	DPA5001-K028253	1186753 504191315 98403526 04842678	M16X1.5		0	-135		86	IEVCO
K20GA	SD6C002	DPA6101-K026831	1186754 504191316 98403527 04842679	M16X1.5		0	-135		86	IEVCO
K20G	SD6C003	DPA5000-K026832	1189449 0024310314	M22X1.5 VOSS		0	-45		137	DAIMLER
K20GA	SD6C004	DPA6100-K026831	1189458 0024310414	M22X1.5 VOSS		0	-45		137	DAIMLER
K20GA	SD6C005	DPA6102-K028266	1188823 21267407 6795988	M16X1.5		0	/		137	VOLVO
K20GA	SD6C006	DPA6103-K028300	1194406	M16X1.5		0	/		137	IEVCO
K20G	SD6C007	DPA5002-K028465	1188824	Z1/4		0	/		137	IEVCO

SHENGDIING MACHINERY

Leader in science and technology; customers first, continuous improvement, innovation expert, the quality of the integrated approach throughout the entire staff is committed to the creation of centers of excellence in quality, the new pursuit of perfection, to enhance all-round fan of the brand value of SAND.

SAND

OE Manufacturer

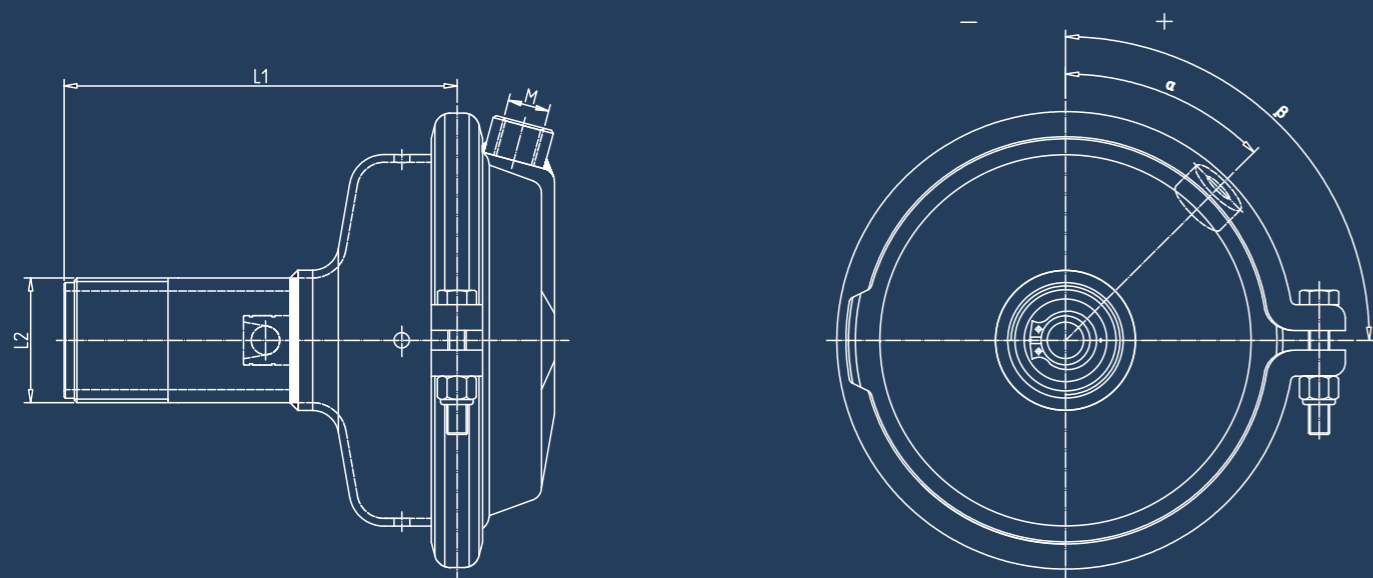
Win at details, Win at quality



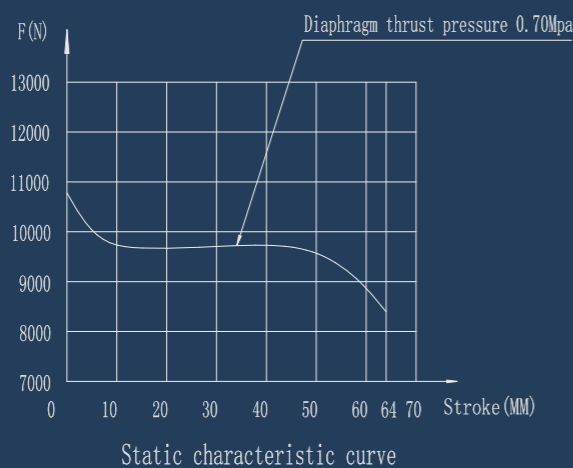
SHENGDIING MACHINERY

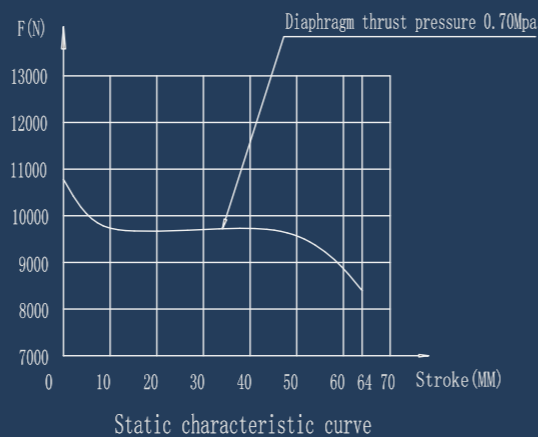


Type	SD No.	Cross Ref No.	M side port	α port	β clamp	L1 length	L2 length	M3 centre port	Vehicle
9J	SD31003	EF90YE 4230440020	M16X1.5	0	-45	117	142	M48X2	
	SD31003N	4231420200 4776985	M16X1.5			215		13/4"-12UNS	
16J	SD31005	EF161FY 4230440020	M16X1.5	0	180	160	187	M48X2	
	SD31005N		M16X1.5	0	-90	151		M48X2	
22J	SD31006	BY3456	M16X1.5	0	180	150		M48X2	
	SD31006N		M16X1.5	0	-45	160			
24J	SD31007	4230460000							

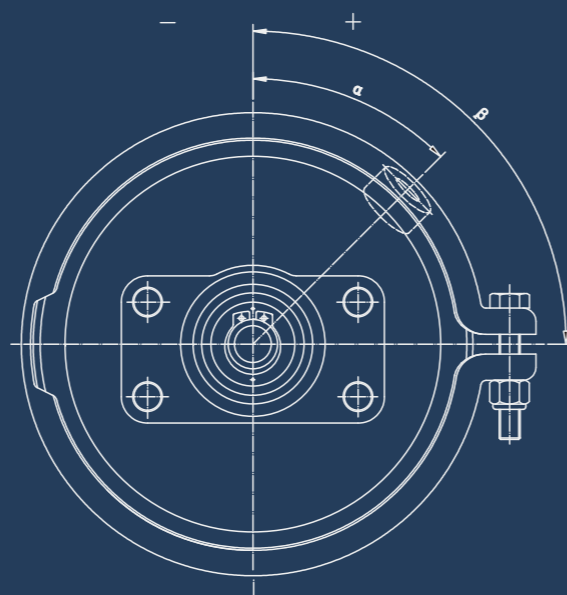
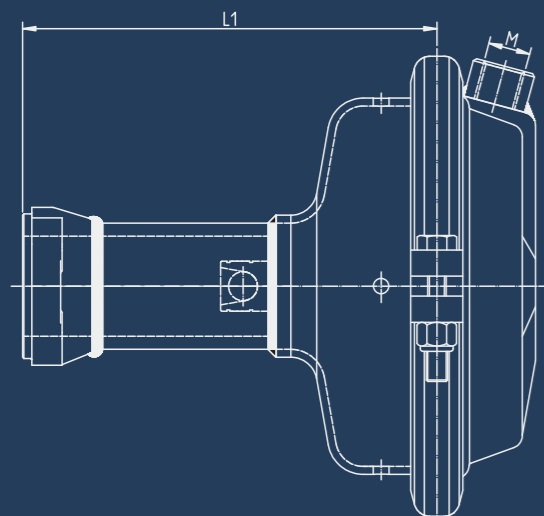


Type	SD No.	Cross Ref No.	M side port	α port	β clamp	L1 length	L2 length	M3 centre port	Vehicle
9J	SD31001	4231420010	M16X1.5	0	0	138		13/4"-12UNS	MAN DAF IEVCO VOLVO IRISBUS
12J	SD31002	C4191200	M16X1.5	0	-135	194	218	M48X2	
	SD31002N	4231430040	M16X1.5	0	-135		187	13/4"-12UNS	
	SD31002N01	4231430010	M16X1.5	0	-135		140	13/4"-12UNS	
	SD31002N02	4231430120	M16X1.5	0	-135		145	13/4"-12UNS	
	SD31002N03	4231430020	M16X1.5	0	-135		365	13/4"-12UNS	
	SD31002N04	EF120FYE 4231432000	4835038	M16X1.5	0	-135		187	M48X2
	SD31002N05	4230700680 4230700670		M16X1.5	0	180	176		M48X2
	SD31002N06	4231432000		M16X1.5	0	-135	161		M48X2





Type	SD No.	Cross Ref No.	M1	M side port	α port	β clamp	L1 length	L2 length	Vehicle
2424F	SD32001L		64	2-Z3/8	0	-135	5600	176	HINO FV515
	SD32001R			2-Z3/8	0	135	5600	174	HINO
	SD32001N01			Z3/8+Z1/4	0	135	5600	176	HINO
	SD32001N02			Z3/8+Z1/4	0	-135	5600	176	HINO
2224F	SD32003			Z3/8	0	-135	5600		
2430F	SD32002		75	Z3/8	0	-45	7500	174	Daimler

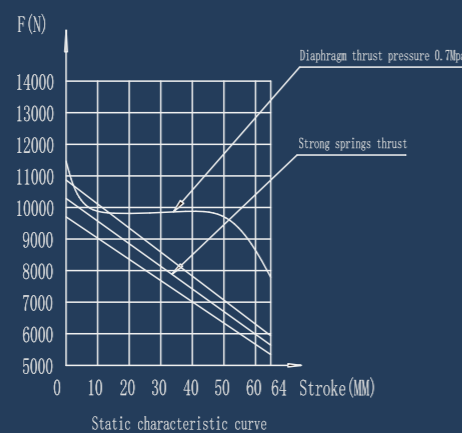
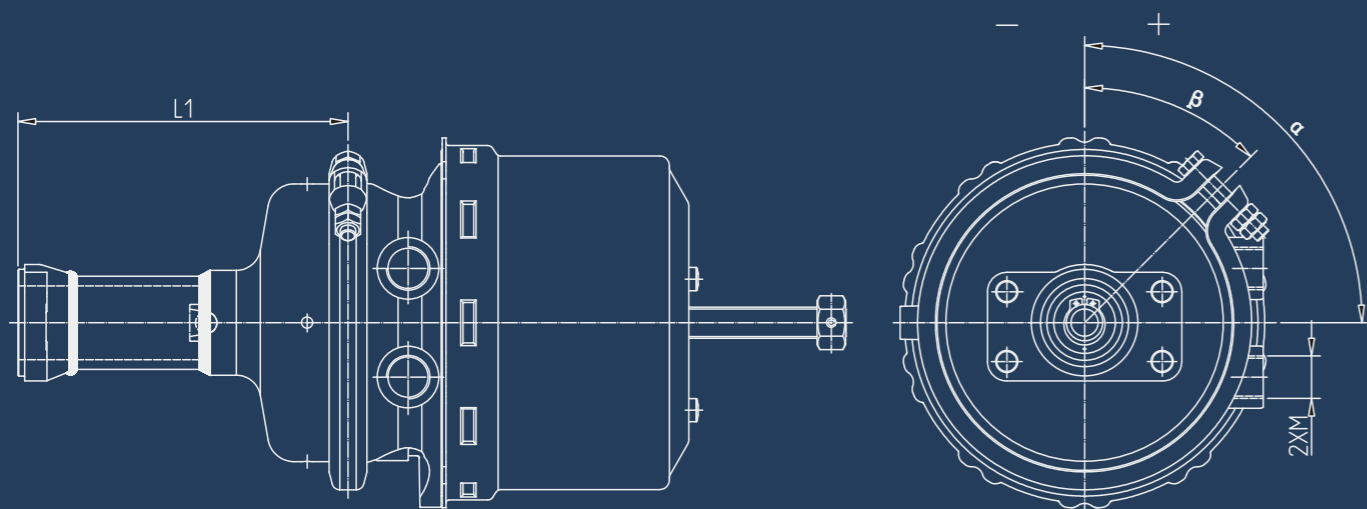


Type	SD No.	Cross Ref No.	M1	M side port	α port	β clamp	L1 length	L2 length	Vehicle
12F	SD31008L	4230701200		/	-50	-140	165		
	SD31008R	4230701210		/	50	140	165		
24F	Sd37001	4230760200	47830-3410		RC3/8	0	180	178	
	SD37001R	4230760210	47830-3420	/	RC3/8	-90	90	178	
	SD37001L	4230760220	47830-3430		RC3/8	90	-90	178	
	SD37001NR	4230760230	47830-3440		RC3/8	-45	90	178	
	SD37001NL	4230760240	47830-3450		RC3/8	45	-90	178	
30F	Sd37002			/	Z3/8	0	45	177	HINO 420(front)

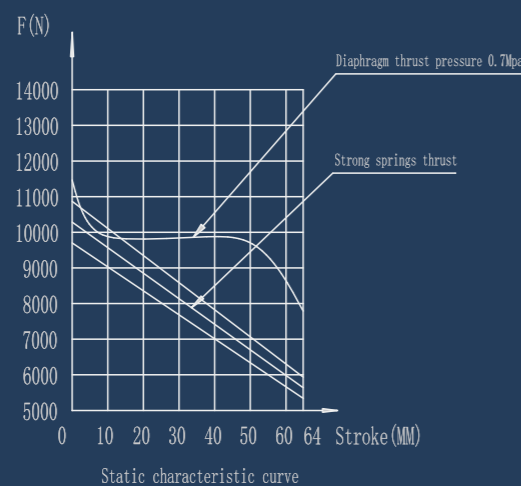
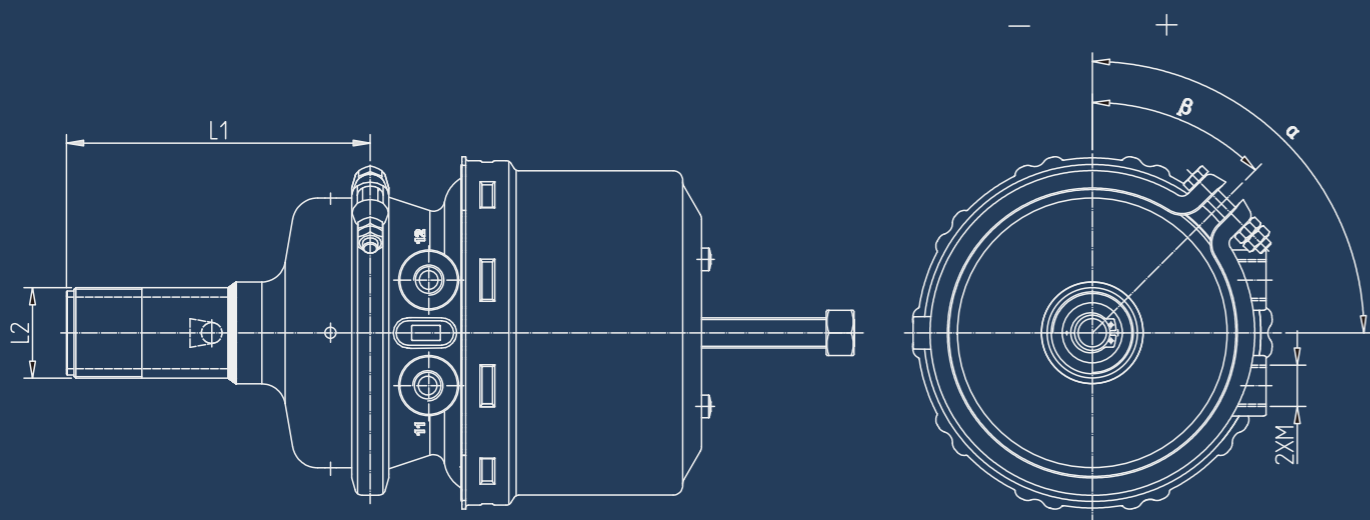
Type	SD No.	Cross Ref No.	M1	M side port	α port	β clamp	L1 length	L2 length	Vehicle
2024FZ	SD32003ZL	MK356863		Z3/8+Z1/4	50	140	5600	175	
	SD32003ZR		64	Z3/8+Z1/4	130	40	5600	175	
2424FZ	SD32001Z		64	2-Z3/8	0	-135	5600	174	
	SD32001Z1		64	Z3/8+Z1/4	0	-135	5600	174	
3024FZ	SD32005ZL	47850-4171	64	Z3/8	100	60	5600	175	
	SD32005ZR	47850-4161	64	Z3/8	80	120	5600	175	
2430FZ	SD32002Z		75	Z3/8	0	-45	7500	174	
3030FZ	SD32004Z		Z3/8	90	0		6500	176	



DAF EVOBUS MB



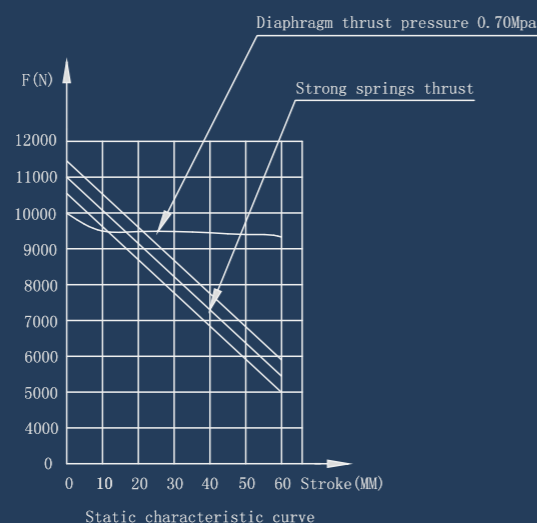
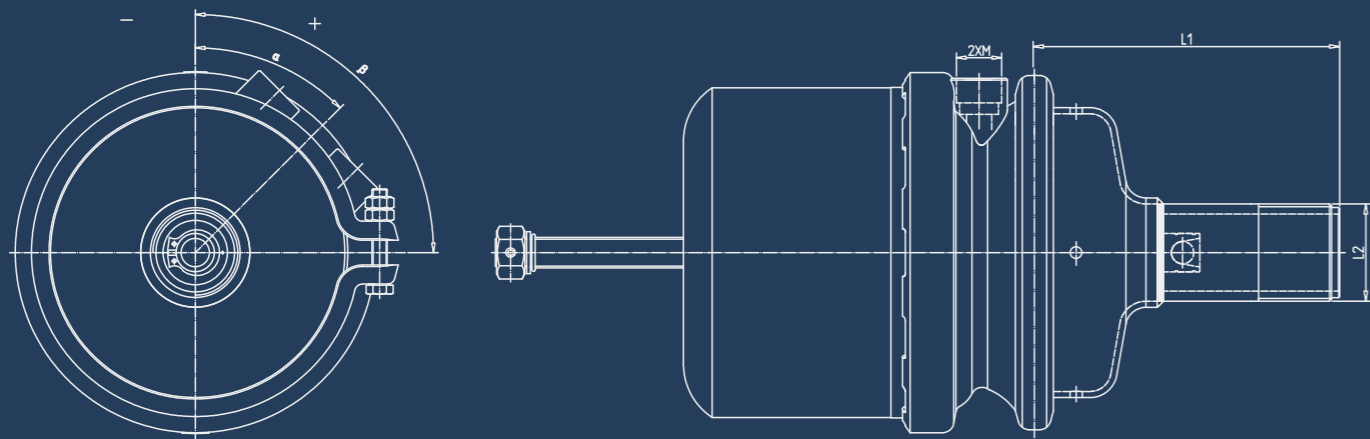
Type	SD No.	Cross Ref No.		M1 side port	α port	β clamp	F Force	L1 length	Vehicle
916	SD36301	4253520000	6734203224	M16X1.5	90	135		141	DAF EVOBUS MB
	SD36301N01	4254520220		M16X1.5	-90	-150		140	DAF RVI
	SD36301N02	4254520230		M16X1.5	90	150		140	
	SD36301L	4254521010	1505454 3124355 8112394 6798729	M16X1.5	-105	45		195	DAF VOLVO
	SD36301R	4254521000		M16X1.5	105	-45		195	
10.516	SD36302N01	4254530100		M16X1.5	-90	-150		140	
	SD36302N02	4254530110		M16X1.5	90	150		140	
	SD36302N03	4254530120		M16X1.5	-135	180		140	
	SD36302N04	4254530130		M16X1.5	135	180		140	
1424	SD36304N01	4253550010		M22X1.5 VOSS	-55	45		140	
	SD36304N02	4253550000		M22X1.5 VOSS	55	-45		140	
1624	SD36305			M22X1.5 VOSS	90	135		166.5	RENAULT
	SD36305N01	4253560010		M22X1.5 VOSS	-55	45		140	
	SD36305N02	4253560000		M22X1.5 VOSS	55	-45		140	
1824	SD36306N01	4253570010		M22X1.5 VOSS	-55	45		140	
	SD36306N02	4253570000		M22X1.5 VOSS	55	-45		140	
2224	SD36702N01	4254580510	44310NA03E	RC3/8	45			178	
	SD36702N02	4254580500	44310NA03D	RC3/8	-45			178	
	SD36702N03	4254580550	44310NA06D	RC3/8	-50			178	
	SD36702N04	4254580540	44310NA06C	RC3/8	50			178	
2424	SD36701		30262A	RC3/8	90	135		178	
	SD36701N03	4254510000	S49U0-E0140	RC3/8	90	-90		178	HINO
	SD36701N04	4254510010	S49U0-E0130	RC3/8	90	-90		178	
	SD36701N15		93-000181	RC3/8	90	135		210	HINO
	SD36701N16		93-000182	RC3/8	-90	-135		210	HINO
	SD36701N02	4254510680 4254510580	44310NA01C 44310NA00D	RC3/8	0	-45		208	NISSAN
3024F1	SD36703			M22X1.5 VOSS+T	0	-135		178	
916F2	SD36501			M16X1.5	90	135	6700	141	



Type	SD No.	Cross Ref No.	M1 side port	α port	β clamp	F Force	L1 length	M3 centre port	Vehicle
916J	SD36001	BTP36001	M16X1.5	0	180	6800	118		
10.516J	SD36006		M16X1.5	0					
	SD36006N01		M22X1.5		60		150		
1216J	SD36002	4254262010	M22X1.5 VOSS	0	-90	6400	113	M48X1.5	
	SD36002N03		M16X1.5	0	-90	6800	160		
	SD36002N04	4254540710 4254540790	M22X1.5	0	180	6800	176	M48X1.5	
1816J	SD36007	4254299010	M16X1.5	0	155	6950	150	M48X2	
1616J	SD36003	4254289000	M16X1.5	0	155	6950	150	M48X2	
1424J	SD36011	4254561000	M22X1.5 VOSS	0	180	7800	148	M48X1.5	
1624J	SD36004	4253571000	M16X1.5	0	155	6950	150	M48X2	
	SD36004N01		M22X1.5 VOSS	90	180	7800	161	M48X2	
	SD36004N02		M16X1.5	90	180	7800	161	M48X2	
1824J	SD36008	SD36-18/24	M22X1.5 VOSS	0	45	7800	158	M48X2	
	SD36008N01		M22X1.5 VOSS	0	180	7800	159	M48X2	
	SD36008N02	4254571000	4254571000	M22X1.5 VOSS	0	180	7800	148	M48X2
2024J	SD36009	4233332010	M16X1.5	0	135	7800	160	M48X2	
	SD36009N01		M16X1.5	0	180	7800	160	M48X2	
2224J	SD36010	100.020.036	M16X1.5	0	135	7800	160	M48X2	
2424J	SD36005		M22X1.5 VOSS	0	135		160	M48X2	



Type	Sd No.	Cross Ref No.	M1 side port	α port	β clamp	F Force	L1 length	M3 centre port	Vehicle
916J2	SD36051		M16X1.5	0	180		118	M48X1.5	
1216J2	SD36052		M16X1.5	0	-90		113		
1616J2	SD36053		M16X1.5	0	155		151		



Type	SD No.	Cross Ref No.		M1 side port	α port	β clamp	F Force	L1 length	M3 centre port	Vehicle
10.516J	SD310KJ	BY9153-II18525	0054200424	M22X1.5 VOSS	0	60		175	M48X2	IVECO-EUROCARGO
10.520J	SD311KJ	BY9150-II16486	99446698 4851664 04851664 92901220	M16X1.5				180	M48X2	IVECO-EUROCARGO
	SD311KJ01	BY9157-II31550	ACHA146	M16X1.5				202	M48X2	DAF
1216J	SD312KJN			M16X1.5				187	13/4"-12UNS	
1220J	SD306KJ	BY9205-II17468	99446699 98403027 4835041	M16X1.5	0	60			M48X2	DAF
		BY9206-II17469	4835041							
		BY9207-II17470								
	SD307KJ02	BY9216-II31551	ACHA145 ACHA854							
1420J	SD307KJ	BY9251-II7472	99446701 04835042 4835042	M16X1.5	90	150		180	M48X2	MAGRIUS
	SD307KJ01	BY9251-II17472		M22X1.5 VOSS	90	150		180		IVECO
	SD307KJ02	BY9250-II17471		M16X1.5	0	60		167	M48X2	
1616J	SD313KJ			M22X1.5 VOSS	90	180		150	M48X2	
1620J	SD308KJ	BY9305-K014026	4128 5147	M16X1.5	0	60			M48X2	IVECO
	SD308KJ01	BY9304-II17473		M16X1.5	0	60			M48X2	
	SD308KJ02			M22X1.5 VOSS	90	180				
	SD308KJ03	BY9370-K011996		M16X1.5	0	155			M48X2	
	SD308KJ04	BY9371-K011997		M16X1.5	0	-120			M48X2	
1424J	SD301KJ	BY9220-II31996	718275	M22X1.5 VOSS	90	180		161		
	SD307KJ03	BY9260-II19750	41013260	M16X1.5	0	60		190	M48X2	
1624J	SD302KJ	BY9303-II17086 BY9303-K014028		M16X1.5	0	135		160	M48X2	IVECO
	SD302KJ01	BY9346-K100421 BY9347-K100422	5801779566	M16X1.5	0	135		160	M48X2	
1820J	SD314KJ	BY9372-K012717	4436122420	M16X1.5	0	155		180	M48X2	
	SD314KJ01	BY9369-K011981		M16X1.5	0	-120		220	M48X2	
	SD314KJ02	BY9292-K100420N00	5801779565 41013260	M16X1.5	0	135		160	M48X2	
1824J	SD309KJ	BY9351-II16159 BY9367-K001715	08169240 718277 41211373 41211376	M16X1.5	0	135		160	M48X2	IEVCO
	SD309KJ01	BY9368-K003924	41211463	M16X1.5	0	135		215	M48X2	IEVCO



Type	SD No.	Cross Ref No.		M1 side port	α port	β clamp	F Force	L1 length	M3 centre port	Vehicle
2024J	SD303KJ	BY9401-II16160	8169241 08169241 08189489	M16X1.5	0	135		160	M48X2	DAIMLER
	SD303KJ01	BY9400-I98823		M16X1.5	0	135		160	M48X2	
	SD303KJ02	BY9408-II32135		M16X1.5	0	135		215	M48X2	
2224J	SD304KJ	BY9451-II17755	41006333		0	135		160	M48X2	DAIMLER
	SD304KJ03	BY9452-II34689 BY9452-II18692			0	135		160	M48X2	
	SD304KJ02	BY9460-II35718			0	135		195	M48X2	
2424J	SD305KJ	BY9500-I98825	0813 7768		0	135		160	M48X2	
	SD305KJ01	BY9505-II34017			0	-135		215	M48X1.5	
	SD305KJA	BY9501-II17756	4101 5818		0	135		160	M48X2	

Type	SD No.	Cross Ref No.		M1 side port	α port	β clamp	F Force	L1 length	M3 centre port	Vehicle
1220JA	SD373KJ	BY9225-II36537	K090760N	M16X1.5	0	60		157	3/4"-12UNS	IEVCO
	SD373KJ01	BY9230-II39595F	504007758 08174494	M16X1.5	0	-135		177	M48X2	IRISBUS IEVCO
	SD373KJ02	BY9236-K003865	98446265	M16X1.5	0	-135		157	3/4"-12UNS	IEVCO
1424JA	SD371KJ	BY9272-II39358F	02.1424.70HF 718279	M22X1.5 VOSS	0	135		160	M48X2	IVECO
	SD371KJ01		4121 1077	M16X1.5	0	135		160	M48X2	
1624JA	SD372KJ	BY9328-K014032 BY9328-II39229	41285153 718280	M16X1.5	0	135		160	M48X2	IRIS BUS IVECO
	SD372KJ01	BY9331-K014030 BY9328-K001059	41285153 718281	M16X1.5	0	135		160	M48X2	

Quick 2 Release



Quick 2 Release



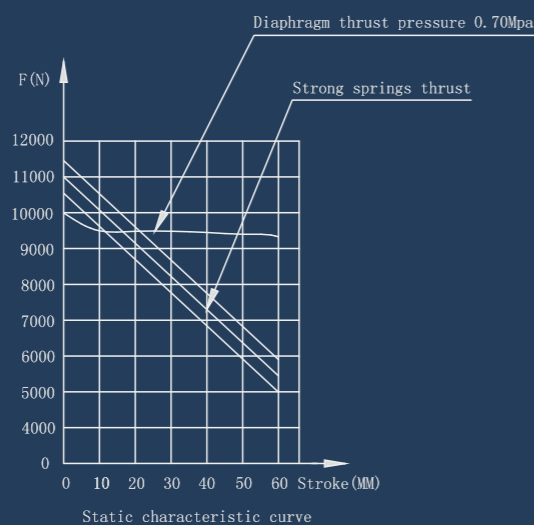
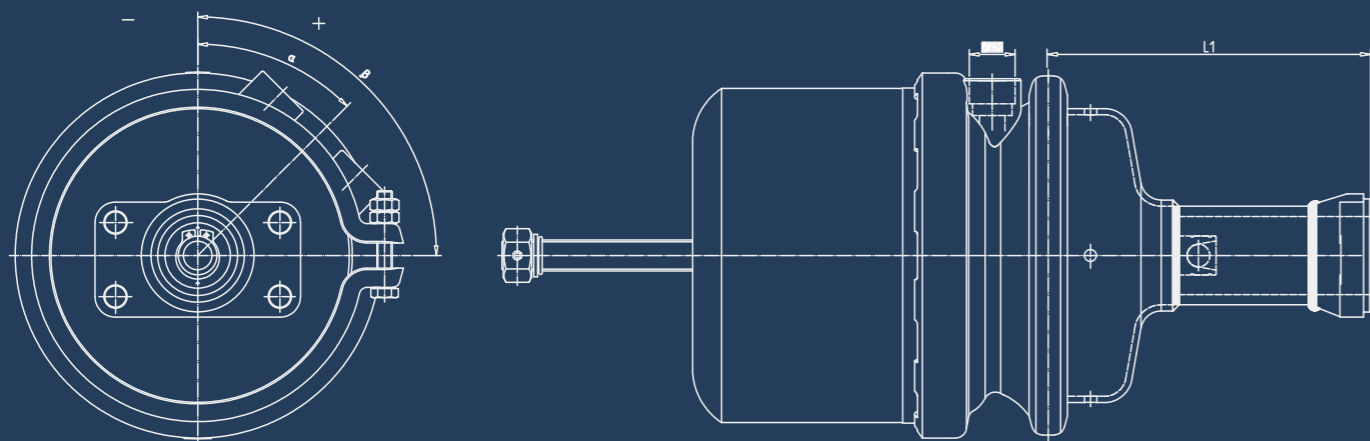
Type	SD No.	Cross Ref No.		M1 side port	α port	β clamp	F Force	L1 length	M3 centre port	Vehicle
1216J2	SD201KJ			M22X1.5 VOSS	90	180		158	M48X2	
1220J2	SD202KJ		BDW6801220	M22X1.5 VOSS	90	180		160	M48X2	
1616J2	SD203KJ			M22X1.5 VOSS	90	180		150	M48X2	
1420J2	SD204KJ			M16X1.5	90	180		150	M48X2	
1620J2	SD205KJ	BY9370		M16X1.5	90	180		150	M48X2	
1424J2	SD206KJ			M22X1.5 VOSS	90	180		160	M48X2	
1624J2	SD207KJ			M16X1.5	90	180		160	M48X2	
1820J2	SD208KJ	BY9372		M16X1.5	90	180		150		
1824J2	SD209KJ			M22X1.5 VOSS	0	135		190	M48X2	
2024J2	SD210KJ			M22X1.5 VOSS	0	135		216	M48X2	
2224J2	SD211KJ			M22X1.5 VOSS	0	135		160	M48X2	
	SD211KJ01	BY9451		M16X1.5	0	135		160	M48X2	
2424J2	SD212KJ			M22X1.5 VOSS	0	135		160	M48X2	

Type	SD No.	Cross Ref No.		M1 side port	α port	β clamp	F Force	L1 length	M3 centre port	Vehicle
1424JA2	SD271KJN01		BDW6801424	M22X1.5 VOSS	0	135	9600	160		
	SD271KJN02	BY9276-K001057	41211359	M16X1.5	0	135	9600	160	M48X2	
1624JA2	SD272KJN01			M22X1.5 VOSS	90	-135	9600	160		
	SD272KJN02		77723790	M16X1.5	90	180	9600	160		
	SD272KJN03	BY9331-K014030	41285151 41285152	M16X1.5	0	135	9600	160	M48X2	IVECO

Inner 3 Release



Type	SD No.	Cross Ref No.		M1 side port	α port	β clamp	F Force	L1 length	M3 centre port	Vehicle
1624J3	SD101KJ			M22X1.5 VOSS	90	180		160	M48X2	
1820J3	SD102KJ			M16X1.5	90	180		150	M48X2	
2224J3	SD103KJ			M16X1.5	0	135		160	M48X2	

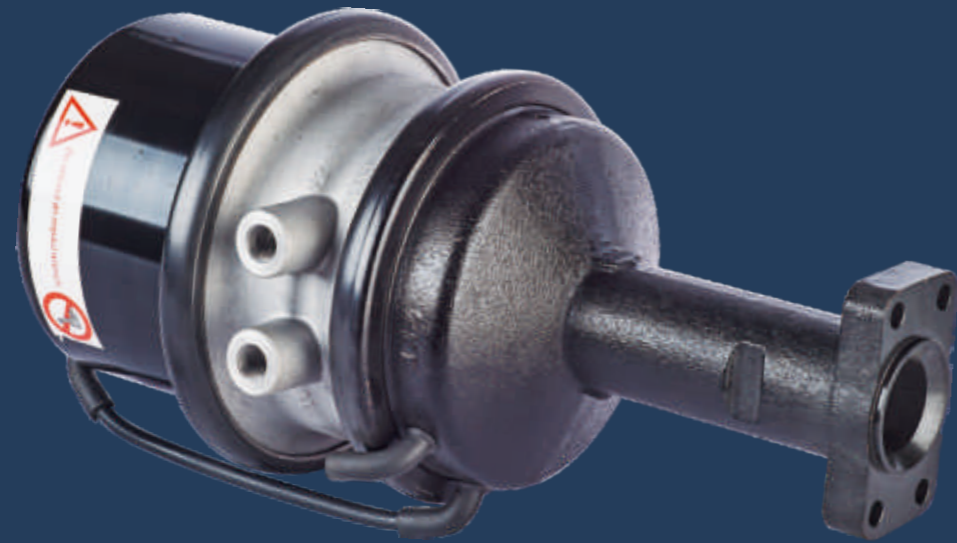


Type	SD No.	OE KNORR/WABCO	PART NUMBER	M side port	α port	β clamp	F Force	L length	FLANGE SHAPE	Vehicle
10.516F1	SD307KF	BY9155-II18895 BY9159-II34174	A 005 420 1524 A 005 420 0624	M22X1.5 VOSS	48	-45		141	CURVING	
	SD307KF01	BY9156-II18944 BY9160-II34175	A 005 420 1424 A 005 420 0524	M22X1.5 VOSS	-48	45		141	CURVING	
1216F1	SD305KF	BY9210-II18946	A 005 420 16 24	M22X1.5 VOSS	48	-45		141	CURVING	
	SD305KF01	BY9209-II18945	A 005 420 17 24	M22X1.5 VOSS	-48	45		141	CURVING	
	SD306KF	BY9223-K004056	A 020 420 88 18	M22X1.5 VOSS	48	-45		141	CURVING	
	SD305KF02	BY9224-K004057	A 020 420 87 24	M22X1.5 VOSS	-48	45		141	CURVING	
	SD307KF	BY9227-K004058	A 020 420 90 18	M22X1.5 VOSS	65	-45		141	CURVING	
	SD305KF03	BY9228-K004059	A 020 420 89 18	M22X1.5 VOSS	-65	45		141	CURVING	
	SD308KF	BY9240-K014675	A 021 420 80 18	M22X1.5 VOSS	40	-45		141	CURVING	
SD305KF04	BY9241-K014676	A 021 420 79 18	M22X1.5 VOSS	-40	45		141	CURVING		
1424F1	SD301KF	BY9263-II30393000		M22X1.5 VOSS	0	45		170		
1624F1	SD302KF	BY9321-II35117			0	45		170		
2024F1	SD303KF	BY9409			0	135		181		
2224F1	SD304KF	BY9461			0	45		151		

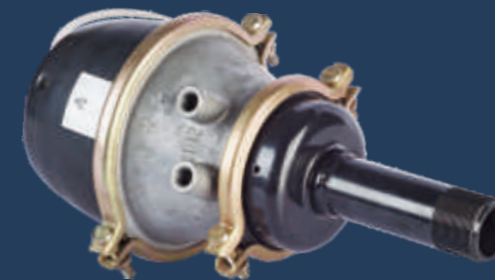
Quick 2 Release



Type	SD No.	OE KNORR/WABCO	PART NUMBER	M side port	α port	β clamp	F Force	L length	FLANGE SHAPE	Vehicle
1216F2	SD207KF				0	90		141		
1424F2	SD201KF				0	45		170	CURVING	
1624F2	SD202KF				0	45		170		
	SD202KFN01		SD302KF		55	-45		170		
2024F2	SD203KF				0	135		151		
2224F2	SD204KF		SD304KF		0	45		178		
2424F2	SD205KF				0	45		182		



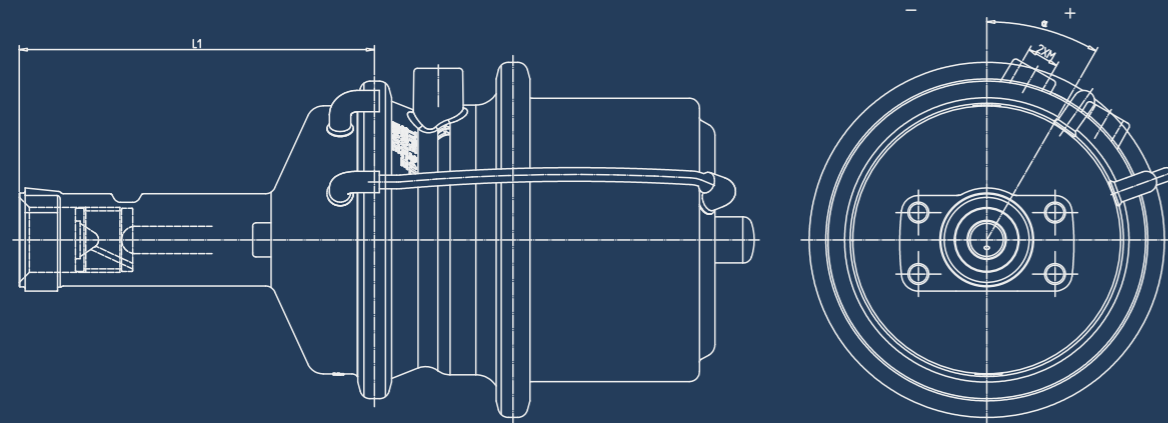
SD No.	Type	Cross Ref No.		M side port	α port	β clamp	F	L3	Vehicle
SD15001	2424		24.3519200-1						KAMAZ
SD15002	3020		3519100						KAMAZ
SD15003	2020	20.3519100-01	20.3519100-20						KAMAZ
		20.3519100-11	20.3519100-30						



SD No.	Type	Cross Ref No.		M side port	α port	β clamp	F Force	L3	Vehicle
SD25001	1230	12.3519110-01							KAMAZ



SD No.	Type	Cross Ref No.		M side port	α port	β clamp	F Force	L3	Vehicle
SD35001	2024								



SD No.	Type	Cross Ref No.		M side port	α port	β clamp	F Force	L3	Vehicle
SD33001R	H2424FZ	MK448841		M16X1.5	0	/		208	
SD33001L	H2424FZ	MK584354		M16X1.5	0	/		208	



SD No.	Type	Cross Reference Numbers		Applicable to
SD6D010	12	110450005	02.0327.38.00	BPW
SD6D010-A01	12	3454112500	02.0327.38.00	BPW
SD6D010-A	12	3454108500	02.0327.38.00	BPW



SD No.	Type	Detail information				Reference No.
SD6D003	9	40	30X35X60	M12X1.0		21223339
SD6D004	9	40	35X45X70	M12X1.0		
SD6D005	9	40	34X38X70	6MM PIPE		21212472



SD No.	Cross Reference Numbers			Applicable to
SD6D002	4253110040 4454300400	99114330772 85300020532	1517958 1505946	DAF SAF



SD No.	Cross Reference Numbers			Applicable to
SD6D009	C3051000	99631001	SD6103	ROR
SD6D011		C3115000	M12X1.5	
SD6D009A				



SD No.	Cross Reference Numbers			Applicable to
SD6D001	3412-00206		3412-00069	YUTOOG RENAULT
SD6D006	1051323000	340005001	9210030000	
SD6D007		340026001	9210020000	
SD6D008		34008001	9210040000	
SD6D020	SZG20G			



SD No.	Type	AIR	HYD	NOTE
SD6B001	20-25	20	25MM	Φ25
SD6B011	20-30	20	30MM	Φ30
SD6B002	24-25	24	25MM	Φ25
SD6B012	24-30	24	30MM	Φ30
SD6B022	24-35	24	35MM	Φ35
SD6B003	16-25	16	25MM	Φ25
SD6B013	16-20	16	20MM	Φ20
SD6B014	12-20	12	20MM	Φ20
SD6B015	12-25	12	25MM	Φ25

SD No.	Type	AIR	HYD	NOTE
SD6E001	YG01(25)		25	Φ25
SD6F001	YG02(25)		25	Φ25
SD6F002	YG02(20)		20	Φ20
SD6F003	YG02(30)		30	Φ30
SD6F004	YG02(35)		35	Φ35
SD6F006	YG05(20)		20	Φ20
SD6F007	YG05(25)		25	Φ25
SD6F008	YG05(30)		30	Φ30
SD6F009	YG05(35)		35	Φ35
SD6E004	YG06(20)		20	Φ20
SD6E005	YG05(25)		25	Φ25
SD6E006	YG05(30)		30	Φ30
SD6E007	YG05(35)		35	Φ35

SHENGDING MACHINERY

OE Manufacturer
Win at details, Win at quality



Repair Kits NO.4



Repair Kits NO.6



Repair Kits NO.7



PALM COUPLING



SD-A001



SD-A002



Repair Kits NO.8



Repair Kits NO.1



Repair Kits NO.2



A



B



Repair kits No.A



POWER SPRING



Bracket



Adaptor T



Adaptor K1



DIAPHRAGM



Repair kits No.3