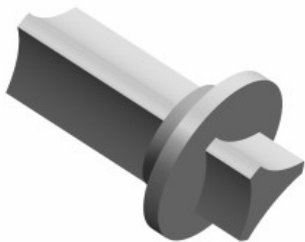
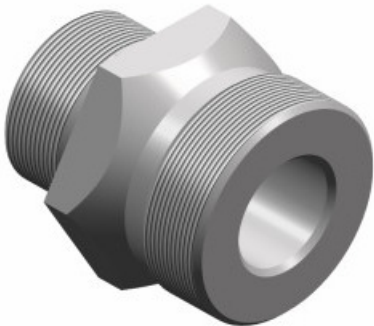
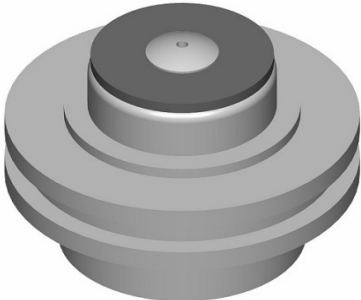
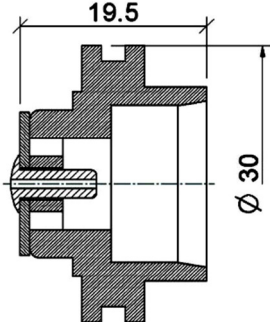
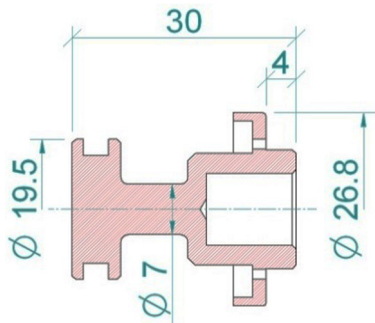
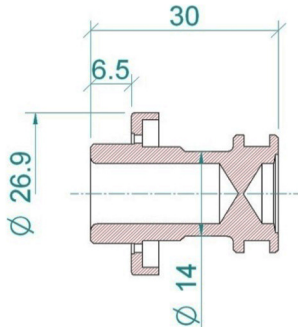
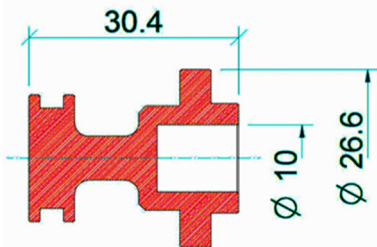
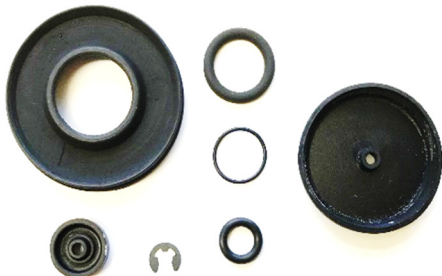
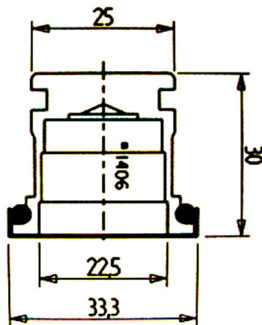
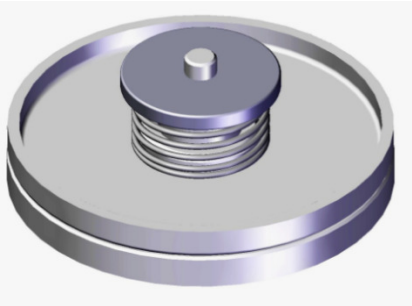
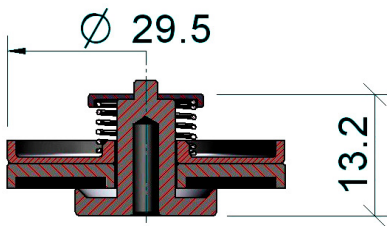


Outlet Check Valve Kit (for MM33066 & MM33066/1)		MM1845
	NOTE: THIS ITEM IS ANODISED ALUMINIUM 1 per Kit	
KNORR Air Dryer Adaptor (M39/M30)		MM2579
	FOR SCANIA ALLOWS USE OF COMMON STANDARD AIR DRYER CANISTER IN PLACE OF SPECIAL DEDICATED PART	
WABCO Air Dryer Adaptor (M24/M39)		MM2579-1
	COURSE THREAD ALLOWS USE OF COMMON STANDARD AIR DRYER CANISTER IN PLACE OF SPECIAL DEDICTAED ORIGINAL PART	
KNORR BREMSE Air Dryer for DAF		MM3025
	LA 8130	

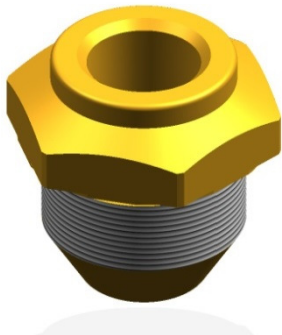
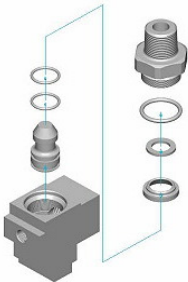
WABCO Air Dryer		MM22311/1
	Valve No. 432410 0002 Alternate Part No A.S.A. 5698 Old Type LOW PRESSURE (Excludes Air Dryer Canister)	
WABCO ACTROSS Air Dryer		MM22311/3
 INCLUDES O-RINGS	Part No 932 400 0010 932 400 0030 Multi Circuit 932 400 0240 Axor / Volvo / Actros Only 8 BAR For Circuit Protection See MM33134 Piston for kit : MM22311/5 (not included)	
Piston for MM22311/3		MM22311/5
		
Piston for WABCO Air Dryer (AXOR)		MM22311/6
	VALVE No. 932 4000 240 (MM22311/3)	

Piston for WABCO Air Dryer		MM22311/7
	Part No. ASA 7070 New Type High Pressure	
Kit for WABCO Air Dryer		MM22311/7A
	Part No. ASA 7070 Repair all valves from 432410 0080 to 432421 0080 High Pressure * SCANIA 2300777 BUS 9325100100 MultiCircuit	
BOSCH Air Dryer		MM33041
	VALVE No. 0484 460 007 Alternate Part Numbers BOSCH: 1487 010 139 (Excludes Air Dryer Canister)	
KNORR Air Dryer (Without Unloader)		MM33065
	VALVE No. 1 85139/0051 LA 6700/07/11/30/34 661035 (Excludes Air Dryer Canister)	

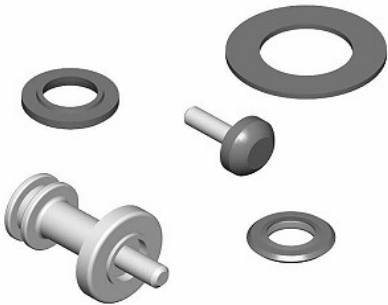
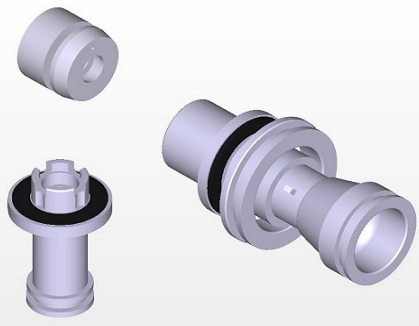
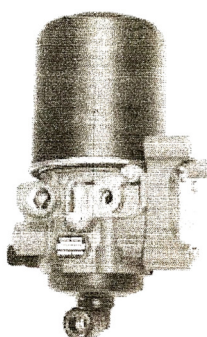
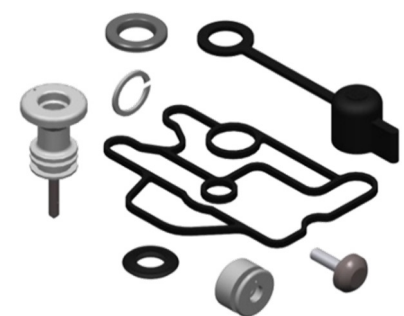
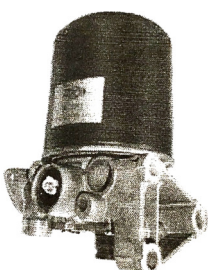
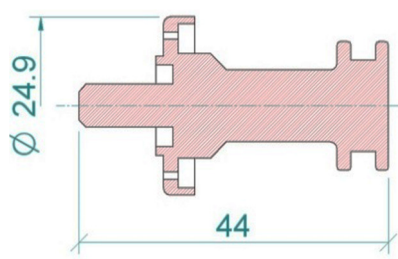


KNORR Air Dryer (With Unloader)		MM33065/1
	VALVE No. 1 851039/0051 LA 6200 LA 6221 LA 8234 611620 631035 (Excludes Air Dryer Canister)	
		MM33066
	VALVE No. 432 413 0010 432 413 0030 (Excludes Air Dryer Canister)	
ROCKWELL / INTERNATIONAL EAGLE (Major Kit)		MM33066/1
	VALVE No. 432 413 0010 432 413 0030 (Excludes Air Dryer Canister)	
Regeneration Poppit Valve		MM33066/2
	To use with: MM33066 MM33066/1	



BENDIX AD9 Air Dryer		MM33086
	VALVE No. 5004336 For Check Valve see MM33086/1 611001 Filter 611002 Purge Valve (Excludes Air Dryer Canister)	
KNORR BREMSE AD9 Check Valve		MM33086/1
	Part No. #107800 For Air Dryer See MM33086	
BENDIX 9800 INT AD9 Air Dryer		MM33086/2
		
Economy Valve Kit		MM33106
	Economy Valve Complete MM33106/1 VALVE No. 3558564	



KNORR Air Dryer		MM33137
	KIT No. LA 8063 Volvo LA 8207 LA 8211 LA 8234 LA 8271 LA 8509 611 620 Comes with Unloader Includes Springs & O-Rings	
D.A.F. Air Dryer (Safety Valve Preset for 13 Bar Max)		MM33151
	LA 6147 LA 8124 IVECO LA 8125 LA 8130 Includes Springs & O-Rings	 LA8125
KNORR BREMSE Air Dryer (TEGO)		MM33171
	VALVE No. LA 9001 LA 9011 61107-M ACTROS / ATEGO / AXOR Comes with Unloader Includes O-Rings	 LA9002
KNORR BREMSE Air Dryer		MM33185
	VALVE No. LA 8047 LA 8061 LA 8063 LA 8073 RENAULT	



AD-IS BENDIX Int Air Dryer		MM33215
	VALVE No. KO 38530	
ISUZU NABCO FTR 800 850 F Series		MM33216
	FULL KIT Includes Filter Discs DR5	
ISUZU NABCO FTR 800 850 F Series		MM33216/1
	LEAN KIT DR5	
WABCO Air Dryer (HINO)		MM33218
	VALVE No. 4324150150	



KNORR Unloader Kit		MM33223
	VALVE No. K138268	



Hydraulic Piston for Airmaster		
	23.8mm : MM234-11518 25.4mm : MM233-11501 26.7mm : MM234-11503 29.0mm : MM234-11510	
Shaft = 13.0mm Piston = 115mm Single		MM33012
	Single/Major 9323-01841 9323-0185 Related Piston 233-11501 (not included)	
Shaft = 13.0mm Single (Minor Kit)		MM33021
Shaft = 13.0mm Piston = 115mm Double		MM33027
	Related Piston 233-11501 (not included)	



Shaft = 14.5mm Piston = 115mm Single

MM33014



Major
9323-3031
ISUZU / JCR

Related Piston 233-11501 (not included)

Shaft = 14.5mm Single (Minor Kit)

MM33020



Shaft = 14.5mm Piston = 115mm Double

MM33015



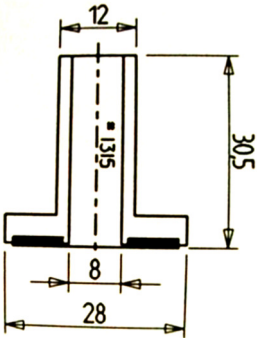
Double Piston Major
9323-1575
ISUZU / JCR

Shaft = 16.0mm Piston = 138mm

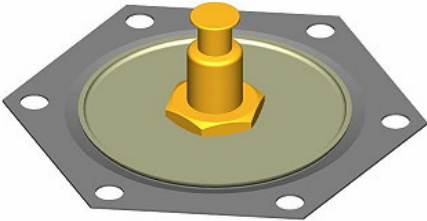
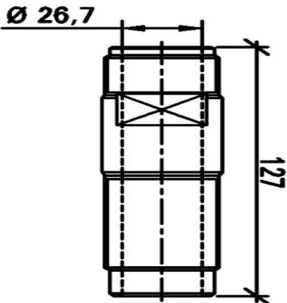
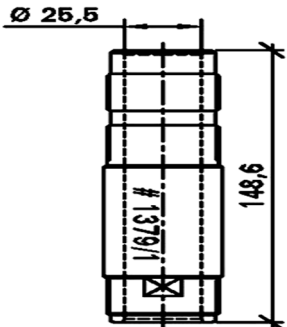
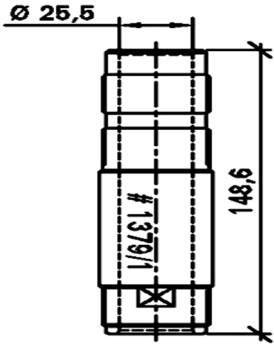
MM33040



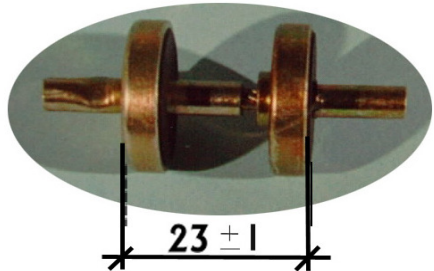
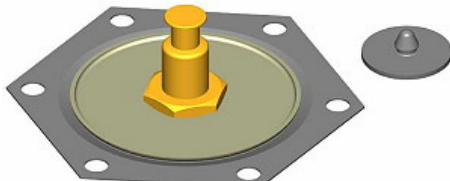
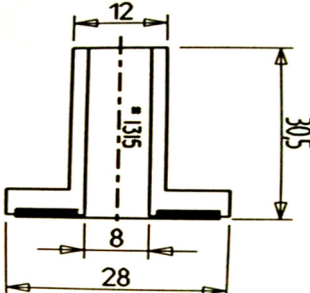
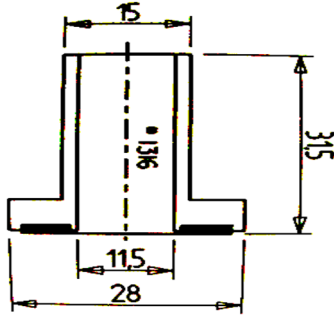
TOYOTA / DAF / FG Series / NISSAN
Related Piston 234-11503 (not included)
Relay Kit Included (normal piston)
No Poppit & No Diaphragm Assembly
See MM25026 for Poppit Assembly
See MM1812 for 29mm Cylinder
See MM1906 for HINO Bull Nose with Quick Release

Shaft = 16.0mm Piston = 138mm (Modified)		MM33040/1
	Airmaster contains NO quick release / relay valve Poppit Included Relay NOT Included	
Quick Release for MM33040/1		MM33040/2
		
Shaft = 18.5mm Piston = 138mm		MM33016
	Related Piston 234-11510 (not included)	
Airmaster Shaft = 18.5mm Piston = 138mm Hex Relay		
		
	MM33013	
	MM33013/1	

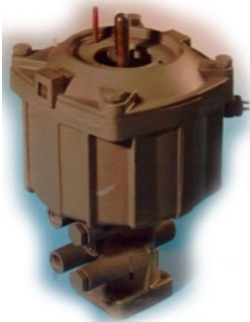
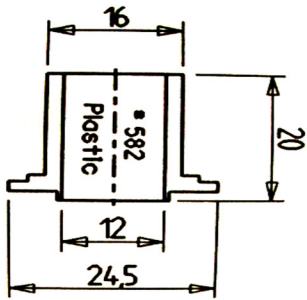
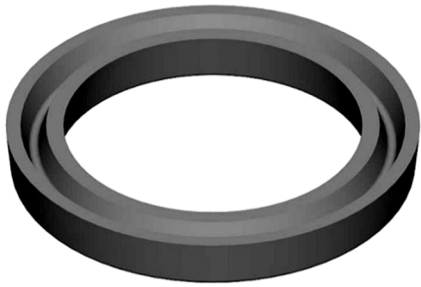
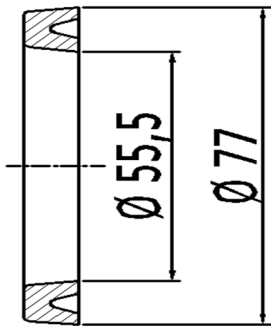


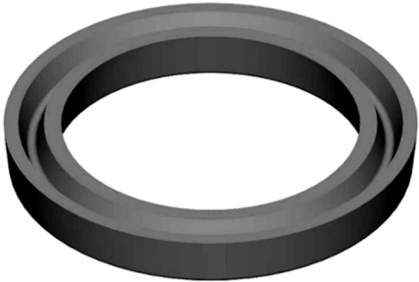
Diaphragm Assembly (138 x 18.5 Hex)		MM33013/2
		
Airmaster Hydraulic Master Cylinder (26.7mm Bore)		MM1379
		
Airmaster Hydraulic Master Cylinder (25.5mm Bore)		MM1379/1
		
Airmaster Hydraulic Master Cylinder (25.5mm Bore)		MM1812
	See MM33040 for Airmaster Kit	



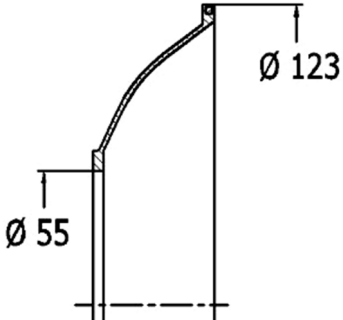
Airmaster Poppit Valve Assembly		MM25026
 23 ± 1 ASSEMBLY POSITION		
Airmaster Relay Valve		MM33018
 INCLUDES O-RINGS		
Airmaster Relay Valve		MM33019
		
ISUZU F8000 Shaft = 16.0mm Piston = 138mm		MM33032
	Shaft = 16.0mm Piston = 138mm HINO CH12 HINO 235-06570 HINO 44640-2900 ISUZU OEM 1-85576-1670 JCC 234-06521 J.K.C. – MM33032 NABCO 47250-225007 UNITE 234-0555/47800-396	

ISUZU F8000 Shaft = 16.0mm Piston = 115mm		MM33032/1
	Shaft = 16.0mm Piston = 115mm HINO CH12 HINO 235-06570 HINO 44640-2900 ISUZU OEM 1-85576-1670 JCC 234-06521 J.K.C. – MM33032 NABCO 47250-225007 UNITE 234-0555/47800-396	
Airmaster ISUZU FTR 800 16mm Shaft		MM33202
	138mm Piston 1-47800-644 236-04159 Includes O-Rings & Oil Seals	
TOYOTA HINO 500 Airmaster		MM33213
	236-02607 236-02645 4464-03291 # 9323-3811 Brake Fluid Shaft Size = Ø 12mm Pot Size = Ø 115mm	

BOSCH Brake Servo 180mm		MM22267/1
	VALVE No. 048 300 4701 Main Seal KNORR BREMSE Part No. 1488705044 (not included) Mercedes Big Piston NOT included	
WABCO Air Pack 3"		MM22432
	VALVE No. 710552 GA 29149 Main Seal NOT included See MM22432/1	
WABCO Air Pack 3" Main Seal		MM22432/1
	KIT No. 710175/1 Seal & Felt Strip ONLY Felt Strip Included For full kit see MM22432	
WABCO Air Pack 4" Seal		MM22433
	VALVE No. 710 621 710 655 Alternate Part No: WABCO : GA 29148 Main Seal NOT included See MM22433/1	

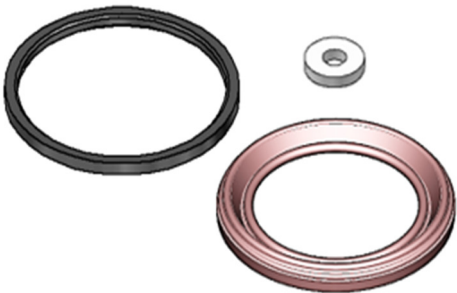
WABCO Air Pack 4" Seal		MM22433/1
	KIT No. 710176/2 Seal & Felt Strip ONLY Felt Strip Included For full kit see MM22433	
BOSCH Brake Servo		MM33115
 INCLUDES OIL SEALS & O-RINGS	VALVE No. 0483 003 014/7/8/9 Alternate Part No: 1 487 010 194 Only Air Side Seal NOT included	

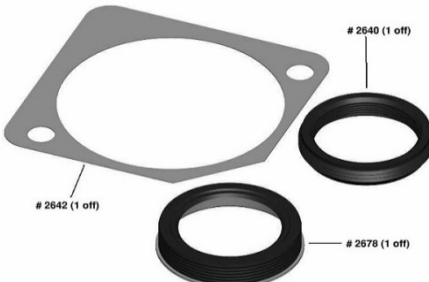


Calliper Boot		MM2804
		
TWIFLEX Dust Boot EPDM		MM2249
	Outside Diameter = 95 Inside Diameter = 43 Height = 16 Brake Fluid	
TWIFLEX Seal EPDM		MM2249/1
	Outside Diameter = 91.3 Inside Diameter = 81.3 Height = 4.6 Brake Fluid	
TWIFLEX Seal (MINERAL OIL)		MM2249/2
	Outside Diameter = 83 to 84.5 Inside Diameter = 65.5 Height = 6.5 For TWIFLEX 602262 CALLIPER	

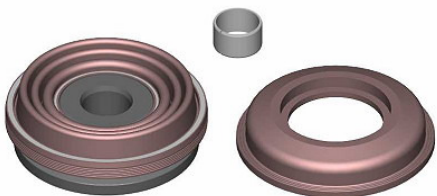
TWIFLEX Seal (BRAKE FLUID)		MM2249/2B
	Outside Diameter = 83 to 84.5 Inside Diameter = 65.5 Height = 6.5 For TWIFLEX 600262 CALLIPER	
CALIPER SEAL KIT FOR MM3621 PISTON		MM3621/1
	HH6 M0 306-2050 R2-3ACIV00283-0119 MINERAL OIL	
BELL Calliper Seal Kit (Mineral Oil)		MM33089
 INCLUDES O-RINGS	B140330 MINERAL OIL (VOLVO) (88 x 85.5 x 79 x 2) ROCKWELL For Pistons See MM33089/1 1 Kit for 4 Pistons (4 of each item)	
BELL Calliper Seal Kit (Brake Fluid)		MM33089B
 INCLUDES O-RINGS	B140330 BRAKE FLUID (88 x 85.5 x 79 x 2) ROCKWELL For Pistons See MM33089/1 1 Kit for 4 Pistons (4 of each item)	



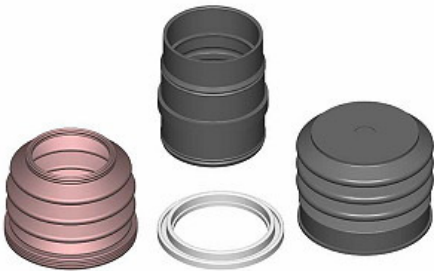
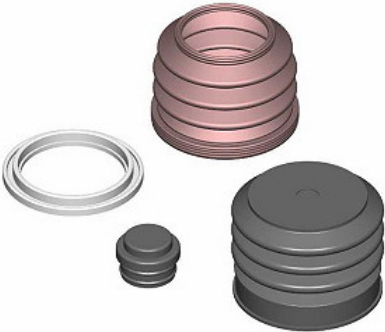
Calliper Seal Kit (Mineral Oil)		MM33095
 INCLUDES O-RING	MINERAL OIL BELL CALLIPER KNOTT For Pistons See MM33095/1 1 Kit for 2 Pistons (2 of each item)	
Calliper Seal Kit (Brake Fluid)		MM33095/B
 INCLUDES O-RING	BRAKE FLUID BELL CALLIPER KNOTT For Pistons See MM33095/1 1 Kit for 2 Pistons (2 of each item)	
Calliper Seal Kit – Lean (Mineral Oil)		MM33095 LEAN
	MINERAL OIL BELL CALLIPER KNOTT In Conjunction with MM33095 1 Kit for 2 Pistons (2 of each item)	
TCM 4 Cylinder Seal Kit		MM33101
		

TCM Calliper for Cylinder Seal Kit		MM33107
	BRAKE FLUID SPN 008901	
	4 of each item	
MERITOR (Full Kit)		MM66001
 FASTNERS: Crimper Lock Nut M8 (1 off) SHCS M10x20 (2 off) Bolt M8x60 (1 off) Bolt M12x30 (4 off) Bolt M8x20 (2 off) CSHCS M12x30 (2 off) Needle Rollers (40 off) # 2667 (1 off) # 2639 (1 off) # 2640 (1 off) # 2641 (1 off) # 2645 (2 off) # 2646 (2 off) # 2678 (1 off) # 2642 (1 off) # 2649 (1 off) # 2647 (1 off) # 2643 (2 off) # 2644 (2 off) CW/015/012/012 (1 off)	DSB 104	
MERITOR (Minor Kit)		MM66001/1
 CSHCS M12x30 (2 off) #2649 (1 off) #2678 (1 off) #2640 (1 off) #2642 (1 off) #2643 (2 off) CW/015/012/012 (1 off) #2645 (2 off) #2646 (2 off) #2644 (2 off)	DSB 104 P - 041102	
MERITOR (Seal Kit)		MM66001/2
 # 2640 (1 off) # 2642 (1 off) # 2678 (1 off)		

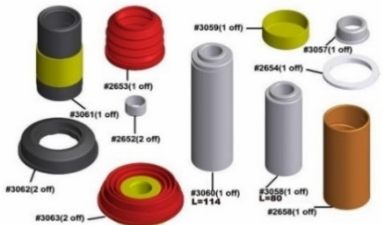


POWERLINE (MERITOR Roller/Cam Kit)		MM66001/3
		
POWERLINE (MERITOR Kit)		MM66001/4
MM 66001/4  Fasteners: HT Bolt M12x30 - 4 off HT Bolt M8x20 - 2 off HT Bolt M8x50 - 1 off Nut M8 Crimplock - 1 off SHCS CSK M12x30 - 2 off SHCS M10x20 - 2 off		
KNORR BREMSE		MM66002
		KIT No. K 000 944 Old Generation Base of Tappet = Ø 68 mm 2 of each item
KNORR BREMSE		MM66003
		KIT No. II 328090062 MAN TGA



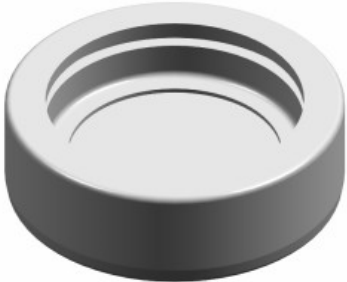
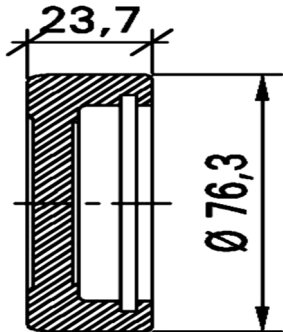
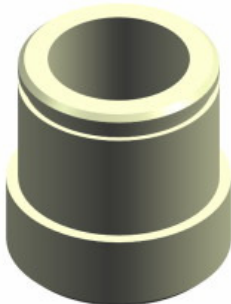
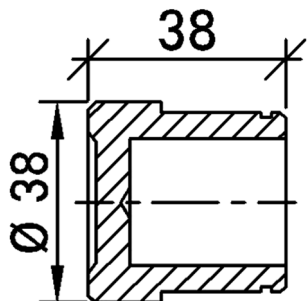
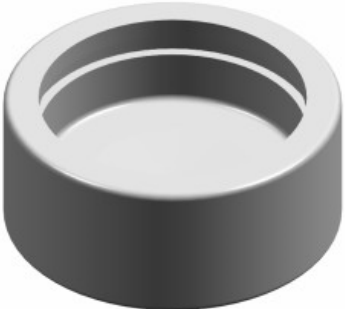
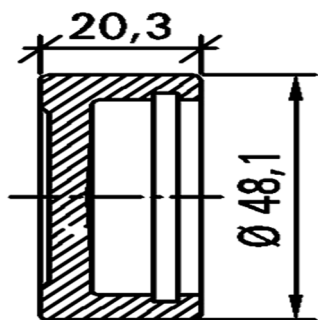
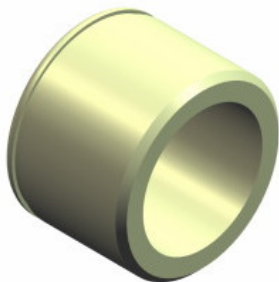
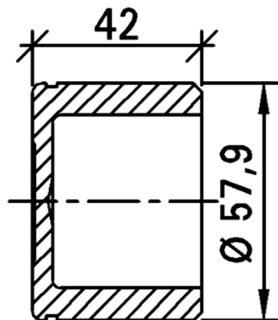
KNORR Calliper Minor		MM66003/1
	1 of each item	
Sliding Guide Repair Kit		MM66004
	KIT No. 09.801.06.11.0 RS SB 3745/4345	
KNORR BREMSE Calliper (ACTROSS)		MM66005
	NP1 Old Generation AXOR Base of Tappet = Ø 68 mm	
MAN LUCAS Calliper Service Kit		MM66007
	Large Pin = 35mm x 135mm Small Pin = 35mm x 72mm	

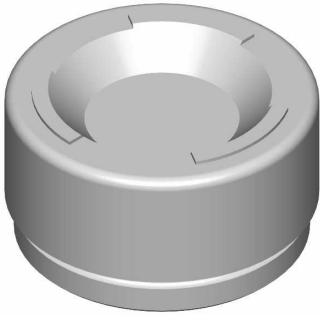
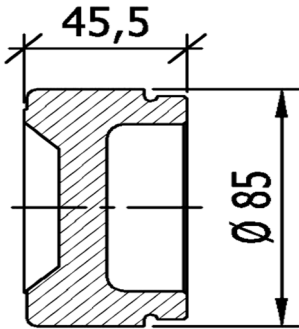
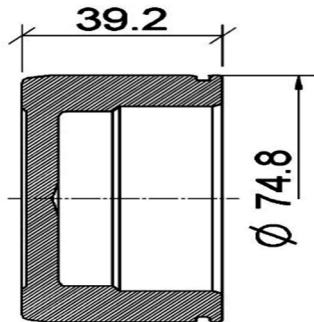
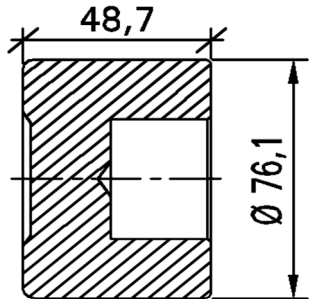
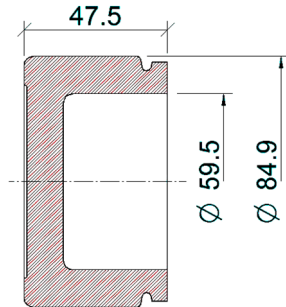


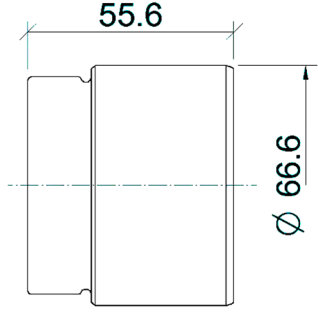
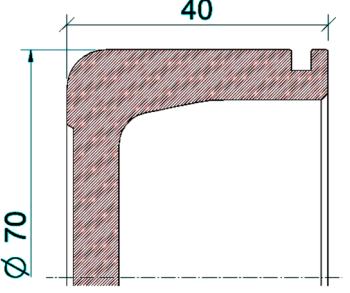
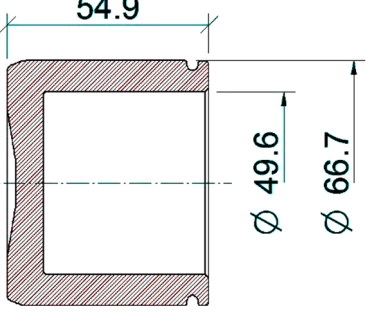
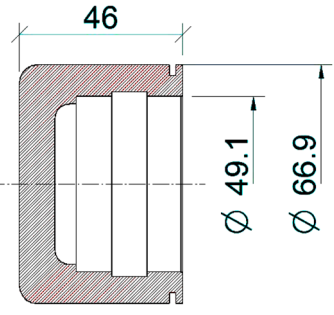
ACTROS New Generation		MM66008
MM66008 	NP3 ACTROS / AXOR / DAF Z 000 726 A9444 200 101 A 0141 -7513 SCANIA 500: LH 1928820 & 1946327 RH 1928821 & 1946326 Base of Tappet = Ø 65.2 mm	
ACTROS New Generation (Soft Kit)		MM66008/1
	Base of Tappet = Ø 65.2 mm	
BELL Calliper Kit (Mineral Oil)		MM66009
	MINERAL OIL BELL B17 / 20D 79 x 49 Piston 6 Pistons per KIT	
BELL Calliper Kit (Brake Fluid)		MM66009B
	BRAKE FLUID BELL B17 / 20D 79 x 49 Piston 4 Pistons per KIT	

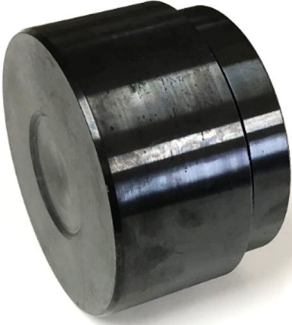
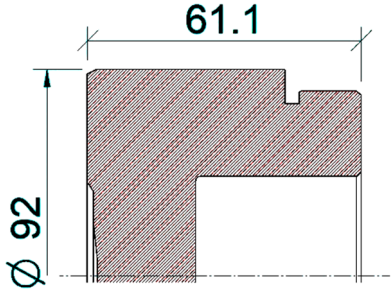
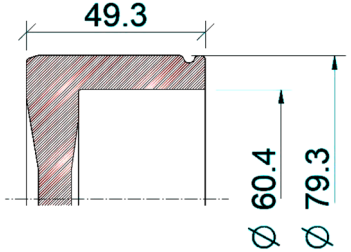
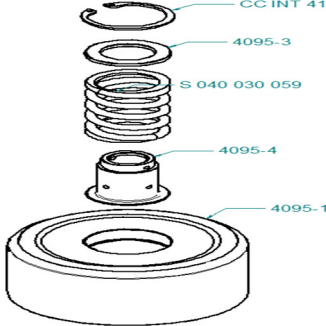
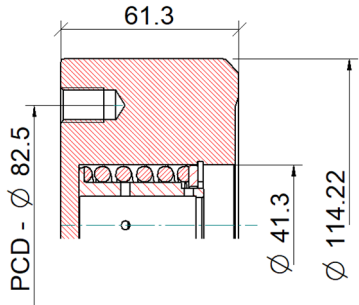
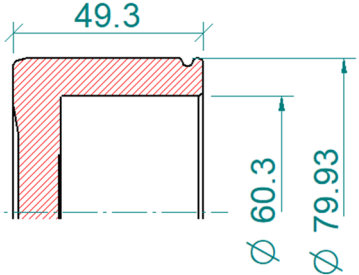
LIUGONG Calliper Kit (Brake Fluid)		MM66010/B
	78.5 OD x 68.5 ID x 3.7 Thick #CLG-SP103881 NO Piston Piston Dimensions: Ø 70 OD x 40 High with Lip Piston MM66010/0 on Request Includes O-Rings 1 Kit for 4 Pistons (4 of each item)	
Seal Kit for FURUKAWA/LIUGONG (Brake Fluid)		MM66011/B
	85 x 75 x 5 Square O-Ring Piston is MM3045 Includes O-Ring 1 Kit for 4 Pistons (4 of each item)	



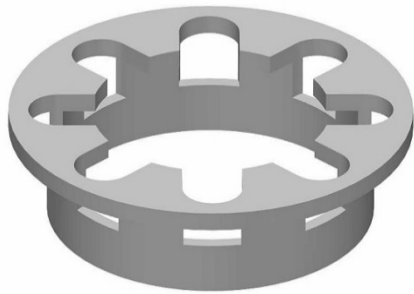
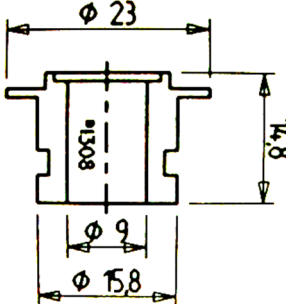
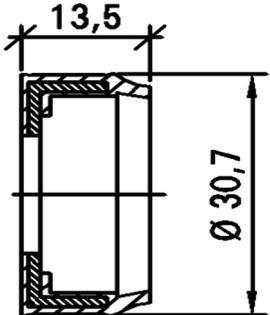
Calliper Main Piston		MM1975/1
	Diameter = $\varnothing$ 76.29 Length = 23.7	
Calliper Inner Piston		MM2051
	Diameter = $\varnothing$ 38 Length = 38	
Calliper Main Piston		MM2058
	Diameter = $\varnothing$ 48.1 Length = 20.3	
Calliper Inner Piston		MM2061-4
	Diameter = $\varnothing$ 57.9 Length = 42	

BELL Calliper Piston		MM2781
	Diameter = $\varnothing$ 85 Length = 45.5 KNOTT Calliper BELL B35D B40D For KIT see MM33095 & MM33095 Lean	
FURUKAWA Piston		MM3045
	Diameter = $\varnothing$ 74.8 Length = 39.2 Goes with MM66011/B	
Calliper Main Piston		MM33089/1
	Diameter = $\varnothing$ 76.1 Length = 48.7 BELL B30 BELL B25 (218439) For KIT see MM33089 or MM33089/B ROCKWELL 4 Pistons per Kit	
Calliper Main Piston		MM33095/1
	Diameter = $\varnothing$ 84.9 Length = 47.5 BELL CALLIPER For KIT see MM33095 or MM33095/B	

MERITOR Piston Assembly		MM66006
	Diameter = $\varnothing$ 66.6 Length = 55.6	
LIUGONG Calliper Piston		MM66010/1
	Diameter = $\varnothing$ 70 Length = 40	
Calliper Piston		MM3621
	Diameter = $\varnothing$ 66.7 Length = 54.9 See MM3621/1 for the Seal Kit	
Calliper Piston		MM3658
	Diameter = $\varnothing$ 66.9 Length = 46	

Calliper Piston		MM3830
	Diameter = $\varnothing$ 92 Length = 61.1	
Calliper Piston		MM4025
	Diameter = $\varnothing$ 79.3 Length = 49.3 For KIT see MM66009 or MM66009B	
Calliper Piston		MM4095
	Diameter = $\varnothing$ 114.2 Length = 61.3	
Calliper Piston		MM4159
	Diameter = $\varnothing$ 79.93 Length = 49.3	

Calliper Piston		MM4167
	Diameter = 72Ø x 60.3 x 40.4 78/74548E	
Calliper Piston – Liugong ZL50CX		MM4168
	Diameter = 75 Ø x 47.5 Liugong ZL50CX Wheel Loader	
Calliper SEAL KIT (Brake Fluid)		MM4168/1
	Calliper SEAL KIT (Brake Fluid) Luigong ZL50CX Wheel Loader ** ONE KIT DOES FOUR PISTONS **	

Slotted Plastic Ring	MM1680
	For MM22288 & MM22288/1
KNORR 4 Circuit	MM22288
	VALVE No. AE 4158 / 69 / 70 / 78 / 86 Alternate Part Numbers KNORR : I 70615/0051 I 81171-Major W/H : 639005-M
KNORR 4 Circuit c/w Piston	MM22288/1
	VALVE No. AE 4158 / 69 / 70 / 78 / 86 
BOSCH 4 Circuit Valve	MM22289
	VALVE No. 0481 062 005 Alternate Part Numbers BOSCH : 1487 010 236 W/H : 69004-M 

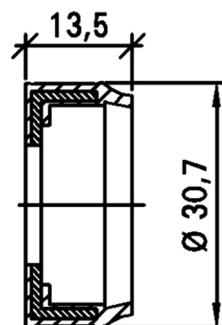
BOSCH 4 Circuit (5 Port)

MM22290



VALVE No.
481 062 201

Alternate Part Numbers
BOSCH : 1487 010 237
W/H : 639003-M
1729 MERC POWER LINER 22mm
NISSAN UD440 NABCO
1845-110702-9702 VOS



BOSCH 4 Circuit (7 Port)

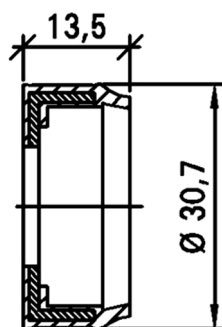
MM22330



VALVE No.
0481 062 104/5

Alternate Part Numbers
BOSCH : 1487 010 234

W/H : 639002-M



WABCO 4 Circuit

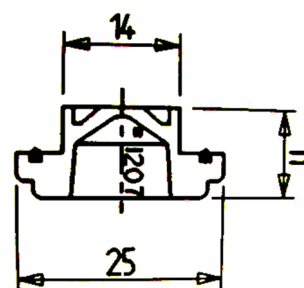
MM22499



VALVE No.
934 702***0

Alternate Part Numbers
WABCO : 934 702 005 2/3000/3500
A.S.A. 5394

W/H : 639001-M



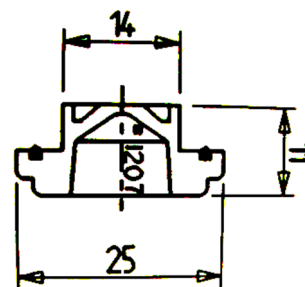
WABCO 4 Circuit (7 Port)

MM22499/1



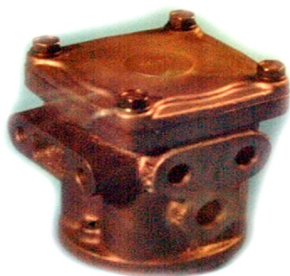
VALVE No.
934 702 100 0

Alternate Part Numbers
WABCO : 934 702 001 2
A.S.A. 5393

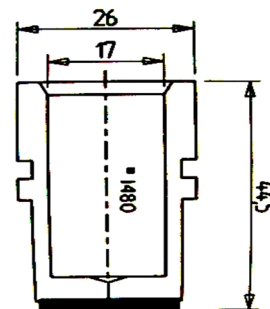


ISUZU 4 Circuit

MM33043



HINO / ISUZU



BENDIX 4 Way Protection Valve

MM33079

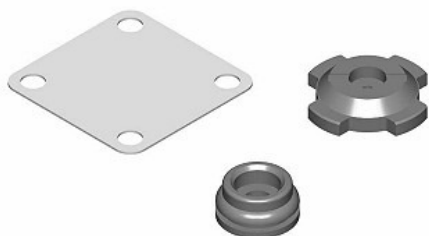


VALVE No.
KY 1671/1

Loose Seat is for port 24

MAGNETT MARELLI 4 Circuit Protection

MM33084

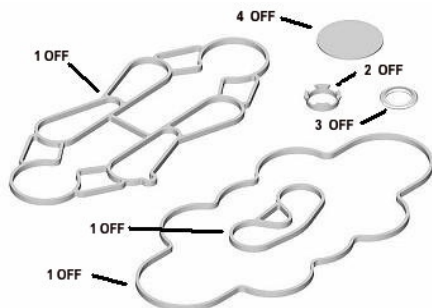


QTY: 4 OFF EACH ITEM

4 of each item

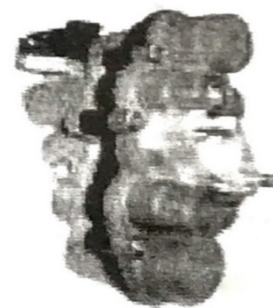
KNORR BREMSE Circuit Protection Valve

MM33132



KIT No.
II 36253008
639011
ACTROS

Includes O-Rings



ACTROSS Circuit Protection Valve

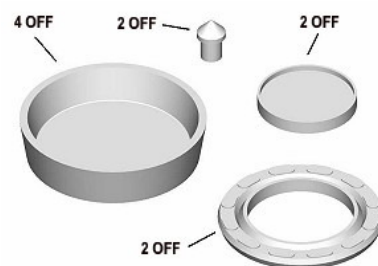
MM33134



VALVE No.
934 705 0050
932 50000 60 AXOR
932 50000 130

For Air Dryer Kit see MM22311/3
For Piston see MM33134/1

Includes O-Rings



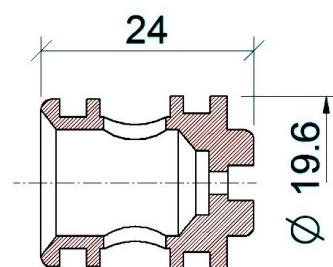
Piston for MM33134

MM33134/1



For Main Kit see MM33134

Includes O-Rings

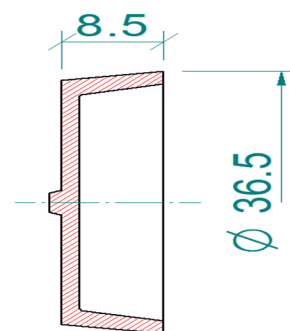


ACTROSS Circuit Protection Valve

MM33134/2

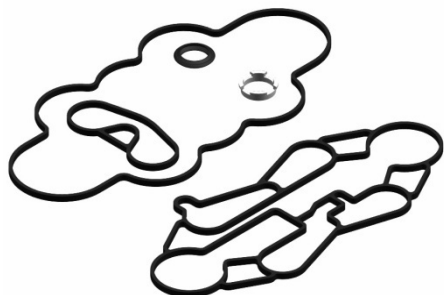


VALVE No.
934 705 010 0

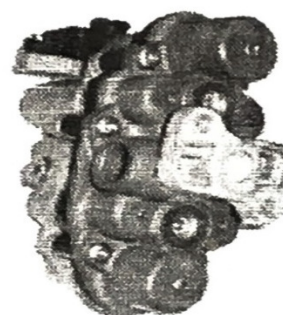


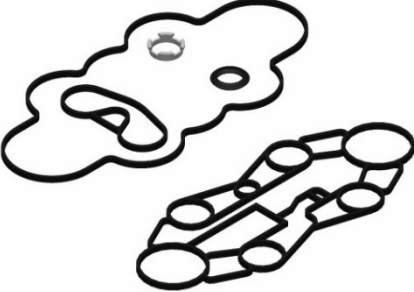
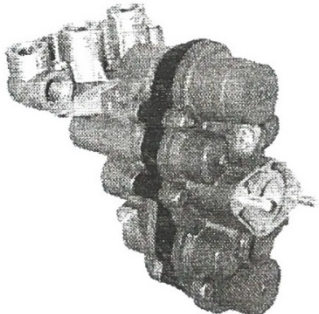
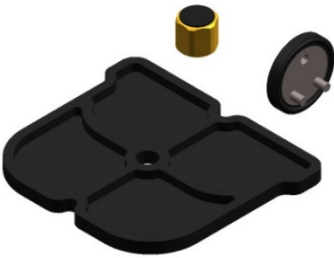
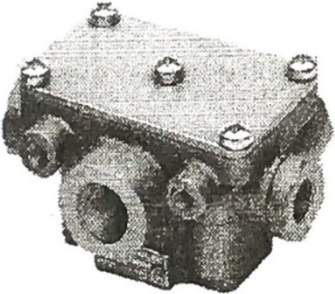
KNORR BREMSE 4 Way Circuit Protection

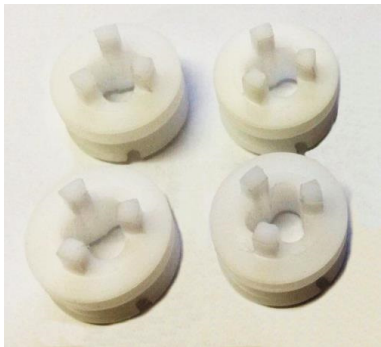
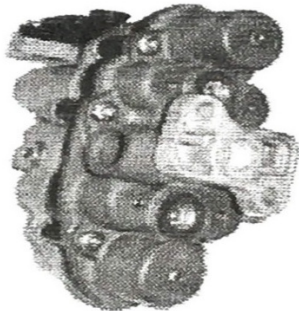
MM33141

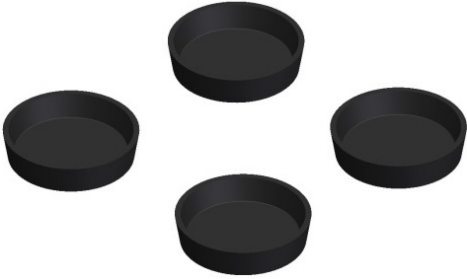
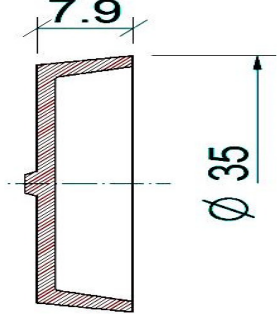


VALVE No.
D.A.F. : AE4526 & AE4528
IVECO : AE4502

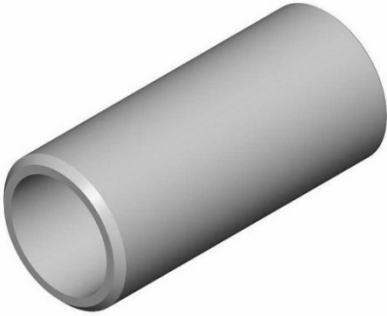
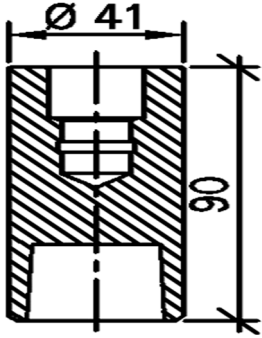
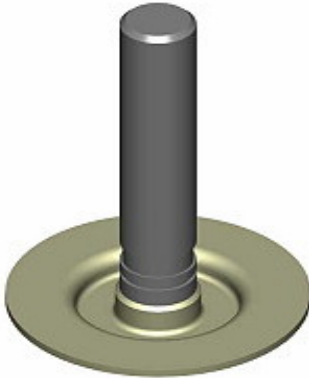
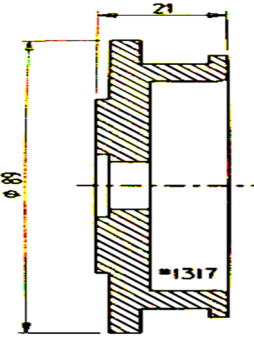
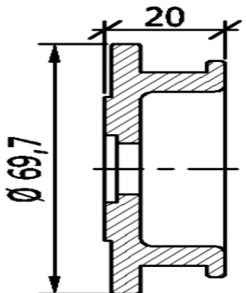


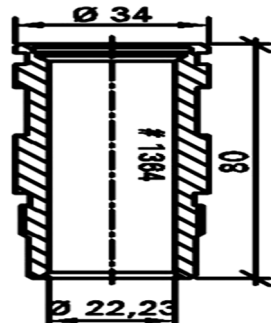
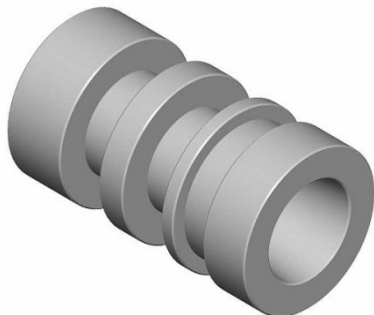
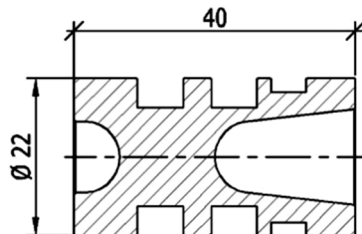
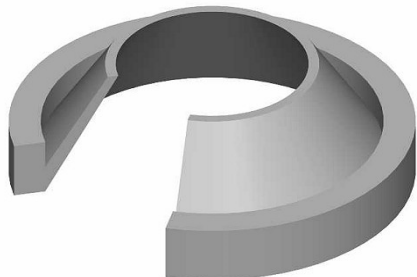
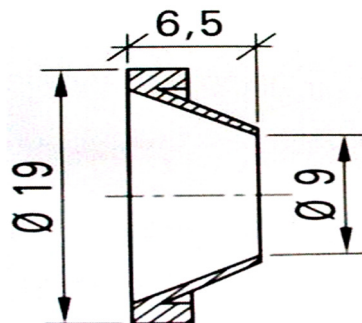
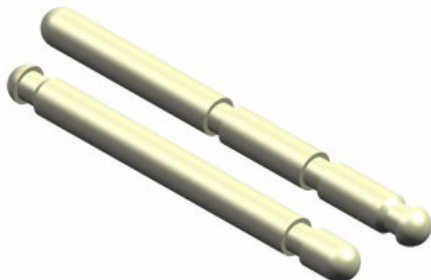
KNORR 4 Way Protection Valve		MM33147
	VALVE No. AE4603 AE4608 AE4609 AE4613 AE4625 639005-M Includes O-Rings	
KNORR Multi Circuit Protection		MM33169
	VALVE No. AE4525 IVECO/RENAULT 639011 Includes O-Rings	
WABCO 4 Circuit Protection Valve		MM33176
	LEYLAND/FORD/MAN: 934 714 0030 934 714 0100 934 714 0280 VOLVO: 934 714 1450 20755195 SCANIA: 138 1883 639012	
KBREMSE/BENDIX 5 Port Protection Valve		MM33186
	PART No. VPS 48 AI Minor KIT	

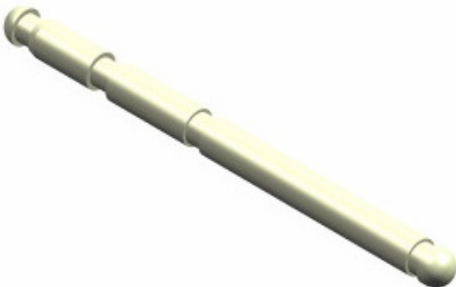
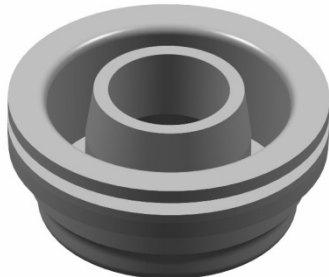
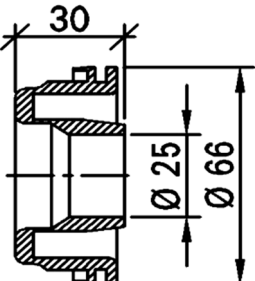
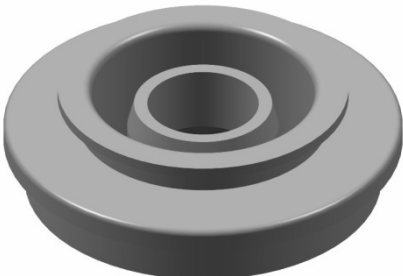
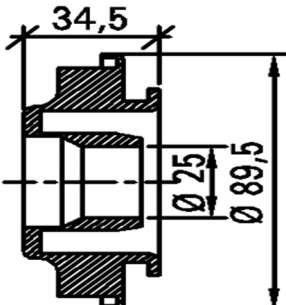
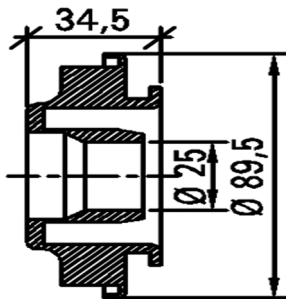
KBREMSE/BENDIX Pistons for MM33186		MM33186/1
	PART No. VPS 48 AI	
KNORR Multi Circuit		MM33204
	ATEGO: AE4800 639005-M Has 8 disks (4 reinforced & 4 not – check which disk fit!) Includes O-Rings	
Flaps for NISSAN QUON / UD 410		MM33210
	NISSAN QUON / UD 410	
KNORR 6 Way Protection		MM33211
	ACTROS: AE4510 AXOR: All AE45xx Series 639011	

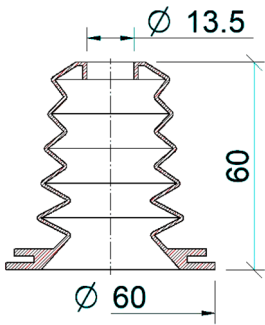
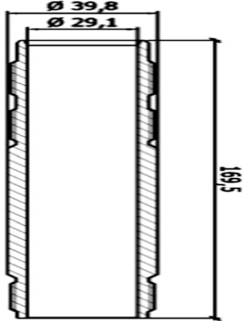
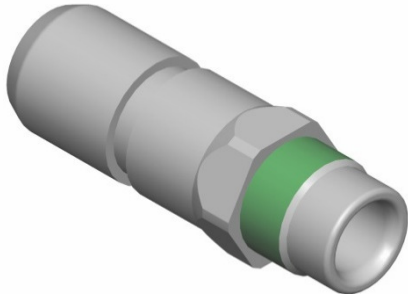
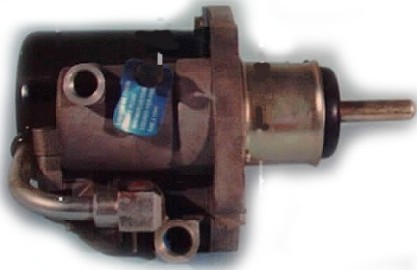
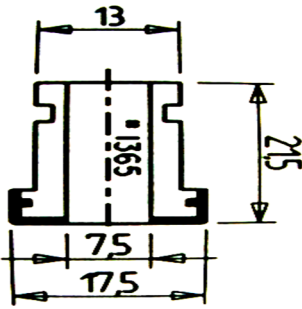
FOTON 4 Way		MM33212
	HINO: 4457-01330/1 VOLVO: 2122 5479 & 2122 3213 V WABCO: 934 7141 400 4 per KIT	

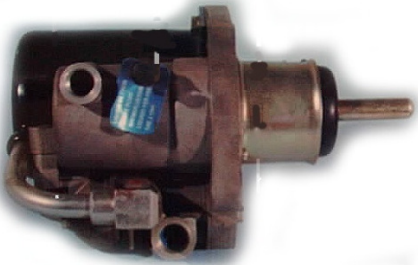
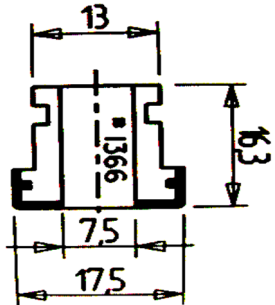
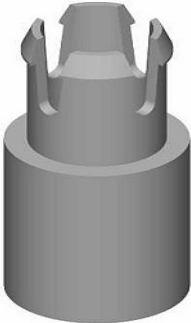
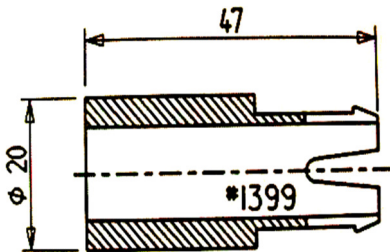
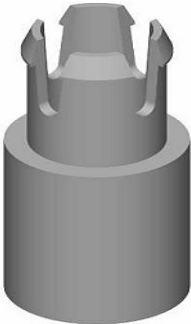
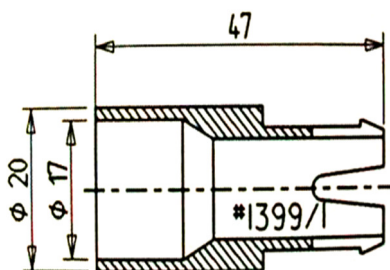
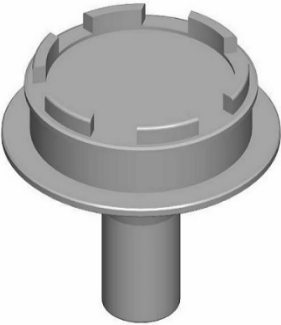
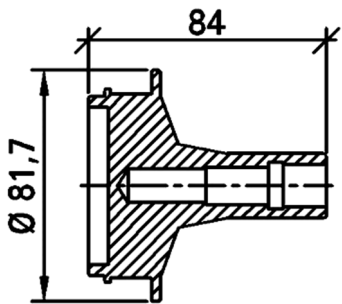


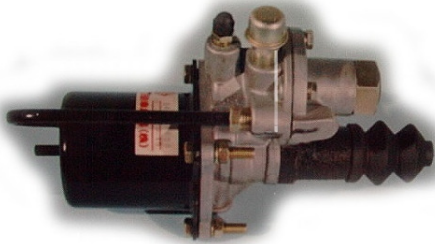
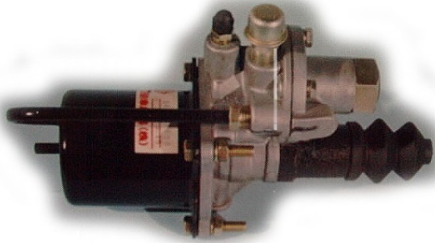
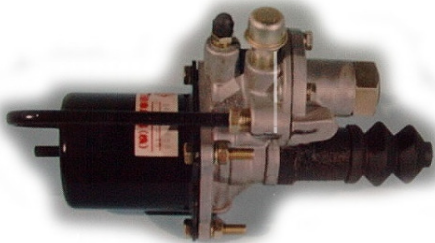
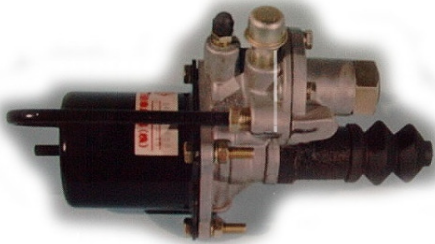
MERCEDES Clutch Servo Shaft		MM1199
		
Clutch Servo Shaft (L = 132mm)		MM1278
	L = 132mm	MM1278/1
	L = 154mm	MM1278/2
Japanese Clutch Servo Air Piston (90mm)		MM1317
	Complete with Shaft	
Japanese Clutch Servo Air Piston (70mm)		MM1319
	Complete with Shaft	

Japanese Clutch Servo Master Cylinder		MM1364
	70mm & 90mm	
Japanese Clutch Servo Hydraulic Piston		MM1383
	1 x Seal Assembly Jig per order This KIT does NOT contain Seals	
Clutch Shaft Plastic Clip		MM1430
		
Clutch Servo Puch Rod (L = 135mm)		MM1537
	L = 150mm	MM1537/1
	L = 164mm	MM1537/2
	Boot for MM1537/2 see MM1964-1	

F90 Clutch Push Rod (L = 180mm)		MM1720
	For MM33062	
WABCO/MAN Plastic Piston for Clutch Servo		MM1850
	For MM33038/1 & MM1278	
WABCO F90 Plastic Piston for Clutch Servo		MM1850/1
	970 051 1320 ACTROS / MAN For KIT see MM33062	
Boot for MM33038/1 & MM33062		MM1964
		

Boot for MM1537/2 Push Rod	MM1964-1
	
29MM Clutch Cylinder	MM2704
	L = 170mm 
TATA Clutch Servo Master Cylinder	MM3052
	105mm
WABCO Clutch Servo (21.5mm)	MM22248
	Old Generation VALVE No. 970 051 1130 Alternate Part Numbers WABCO : 970 051 002 2 W/H : 619023-M Break Fluid 

WABCO Clutch Servo (16.3mm)		MM22248/1
	New Generation VALVE No. 970 051 131 0 Alternate Part Numbers WABCO : 970 051 903 2 W/H : 619024-M Break Fluid	
Snap Sleeve		MM22248/2
	For MM22248	
Snap Sleeve		MM22248/3
	For MM22248	
MERCEDES Clutch Servo Air Piston		MM22248/4
		

Japanese Clutch Servo – Aluminium		MM33022
	90mm Alternate Part Numbers 9364-0393 A.S.A. 6560 W/H : 619002 See MM1383 for Piston	
Japanese Clutch Servo – Cast Iron		MM33022/1
	90mm Alternate Part Numbers 9364-0393 A.S.A. 6560 W/H : 619002 See MM1383 for Piston	
Japanese Clutch Servo – Aluminium		MM33024
	70mm Alternate Part Numbers 9364-0385 A.S.A. 5922 W/H : 619001 See MM1364 for Cylinder See MM1383 for Piston	
Japanese Clutch Servo – Cast Iron		MM33024/1
	70mm Alternate Part Numbers 9364-0385 A.S.A. 5922 W/H : 619001 See MM1364 for Cylinder See MM1383 for Piston	

WABCO Clutch c/w Servo Sleeve

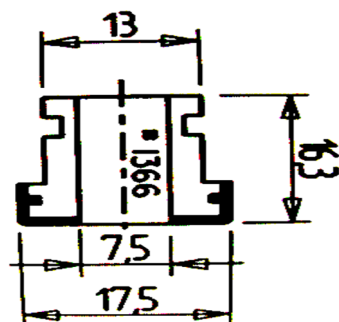
MM33038/1



Plastic Piston – MM1850
Shaft – MM1278
Main Piston 80mm

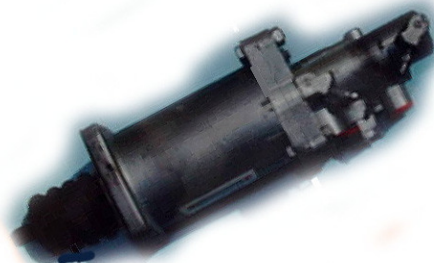
970 051 111 0 MAN
970 051 114 0 HINO/FIAT
970 051 114 0 NISSAN/HINO
970 051 126 0

Alternate Part Numbers
WABCO : 970 051 905 2
WABCO : 970 051 904 2
A.S.A. 5738 & 5739



KNORR BREMSE Clutch Servo

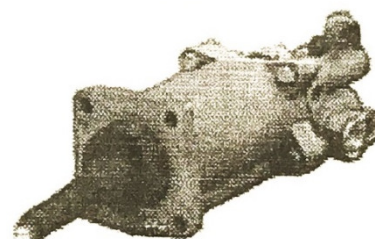
MM33053



VALVE No.
VG : 3151 & 3156

Alternate Part Numbers
KNORR : I 87912

I 87755/0051 Minor



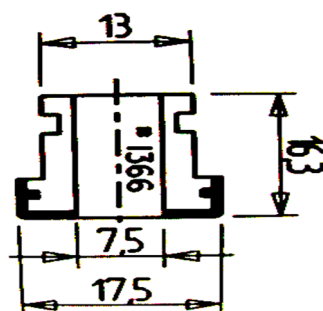
WABCO Clutch Servo F90 Series (108mm)

MM33062



VALVE No.
970 051 132 0
970 051 1630/40/50
970 051 1760 HINO
970 051 1790 ATEGO

Alternate Part Numbers
WABCO : 970 051 9112
WABCO : 970 051 9452



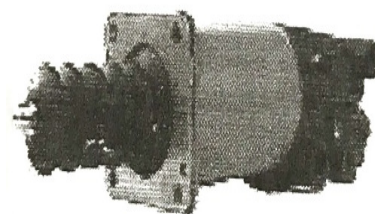
KNORR BREMSE Clutch Servo 75mm Piston

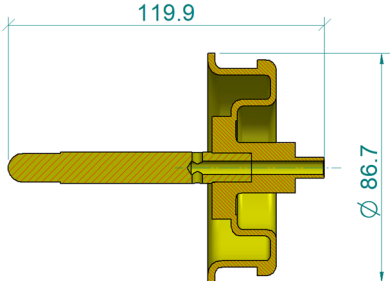
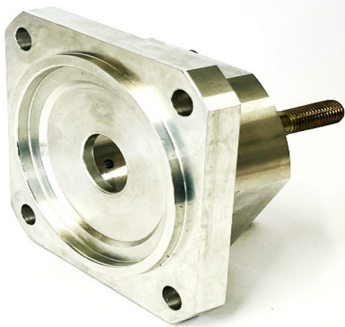
MM33113

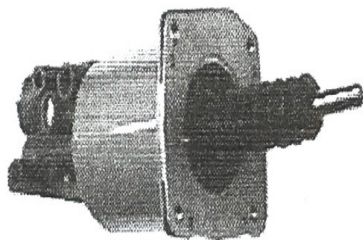
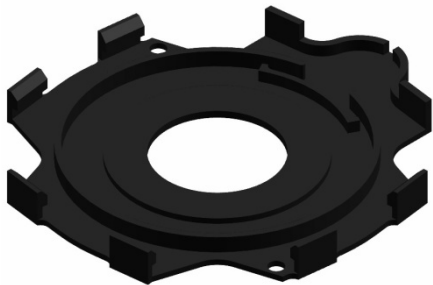


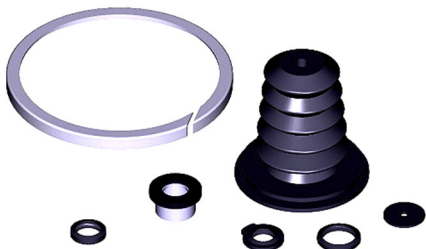
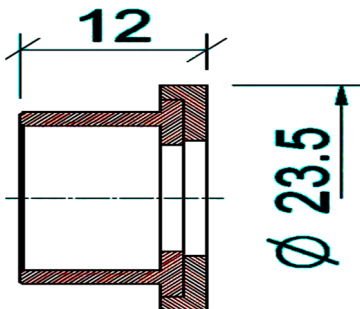
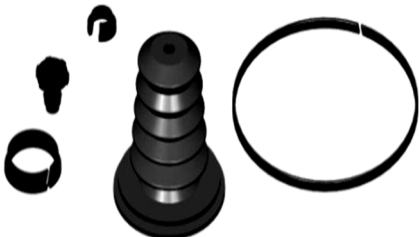
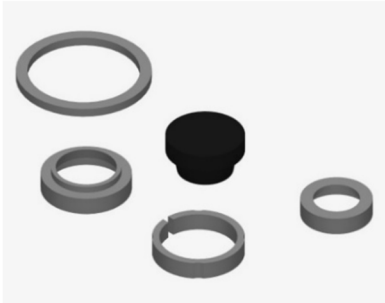
Alternate Part Numbers
VG : 3200
VG : 3204
VG : 3262
VG : 3267
I-84613

Includes O-Rings

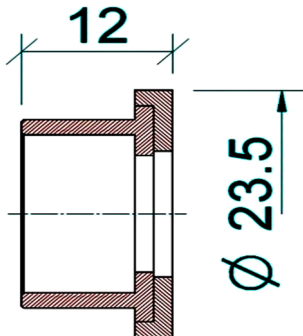
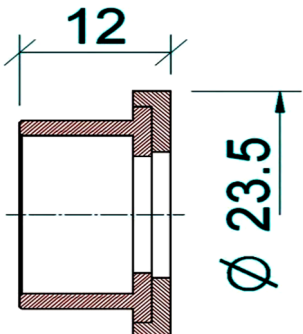
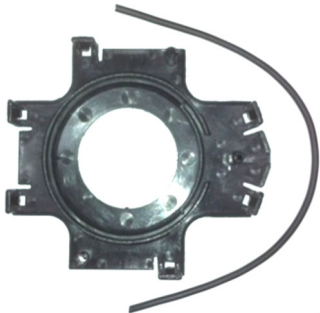


WABCO Clutch Servo M.A.N.		MM33130
	KIT No. 462 012 002 2 VALVE No. 462 012 1010 Includes O-Rings Includes Circlips	
WABCO Clutch Servo M.A.N. Additional		MM33130/1
		
WABCO Clutch Servo M.A.N.		MM33130/2
		
WABCO Clutch Servo M.A.N. Top Part		MM33130/3
		

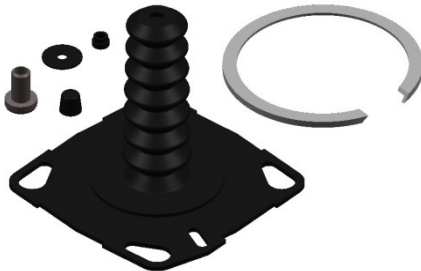
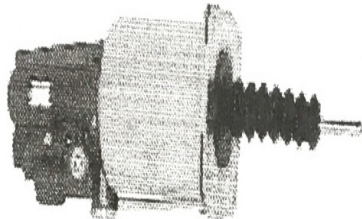
KNORR BREMSE Clutch Servo 100mm Piston		MM33133
	Alternate Part Numbers VG : 3208 VG : 3229	
MAN/ACTROS/HINO Clutch Servo		MM33138
	VALVE No. 970 051 307 0 970 051 414 0 ACTROS : 970 051 431 0 970 051 423 0 370 051 424 0 HINO PROFIA 700 Cover Plates available MM33138/1 or MM33138/2 Includes O-Rings	108mm Pot
ACTROS Clutch Servo Cover Plate		MM33138/1
	Plastic	
MAN Clutch Servo Cover Plate		MM33138/2
	Plastic	

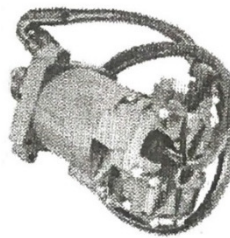
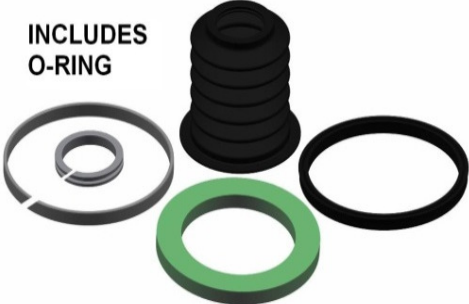
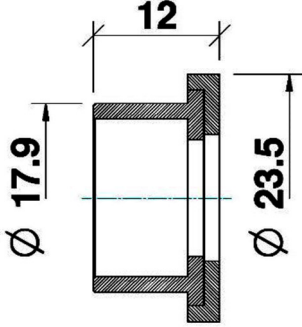
RENAULT KERAX Clutch Servo		MM33142
	KIT No. 970 051 4150 970 051 9572 DONGFENG TRUCKS Includes O-Rings	
KONGSBERG Clutch Servo 100mm		MM33152
	D.A.F. & VOLVO FUSO MITSUBISHI FV26-420 Includes O-Rings Includes U-Seals	
TATA Clutch Servo 105mm		MM33161
	Japanese Unit Only ** Does NOT fit in TATA NOVUS ** Includes O-Rings	
TATA NOVUS Double Diff Clutch Servo		MM33161/1
	For TATA NOVUS Only Includes O-Rings	



WABCO Clutch Servo MAN		MM33162
	New Generation VALVE No. 970 051 406 0 970 051 435 0 For Cover Plate see MM33162/1	
WABCO Clutch Servo MAN (New Gen)		MM33162 LEAN
	LEAN KIT For WABCO New Generation Clutch SERVO MAN VALVE No. 970 051 406 0 970 051 435 0	
MAN Clutch Servo Front Cover		MM33162/1
	Plastic 970 051 406 0 970 051 435 0	
KONGSBERG Clutch Servo for VOLVO		MM33170
	100mm Plastic Seat VOLVO : 205245 84 629276 Includes O-Rings	



NISSAN Clutch Servo UD440 – 8mm		MM33173
	8mm Shaft 0064 2055 4087 Includes O-Rings	
NISSAN Clutch Servo UD440 – 10mm		MM33173/1
	10mm Shaft JKC Unit Includes O-Rings	
WABCO Clutch Servo – Mineral Oil		MM33178
	VALVE No. 970 051 4120 MAN /ATEGO 970 051 441 0 AXOR	
KNORR BREMSE Clutch Servo		MM33181
	VALVE No. VG : 3269 102mm Piston Large Seal	

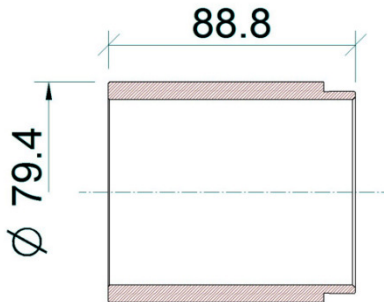
MAN TGA Clutch Servo (KNORR BREMSE)		MM33187
 INCLUDES O-RINGS	VALVE No. 483005005 501212474 Electronic	 3031-AKB with SOLENOIDS
ACTROS Clutch Servo – IMPORTED (WABCO)		MM33188
 INCLUDES O-RING	VALVE No. 9701500010 9701500020 Electronic MAY 3021 GK 619005	
MAN TGM Clutch Servo (Mineral Oil)		MM33193
 INCLUDES O-RINGS	VALVE No. 9700514320 Small Seal Ø 80mm Stepped Air Cylinder	
Japanese Clutch Servo 70mm Long Stroke		MM33194
	Includes O-Rings	



KONGSBERG Clutch Servo		MM33195
	SCANIA PART No. 1 513 717 KA 629683 619022-M Pot Size = 100mm	
Japanese Clutch Servo J.K.C		MM33206
	FUSO 105mm NISSAN UD 390	

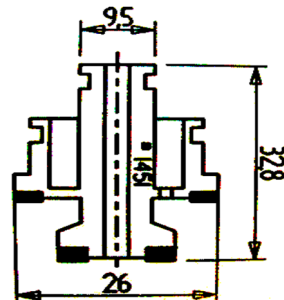
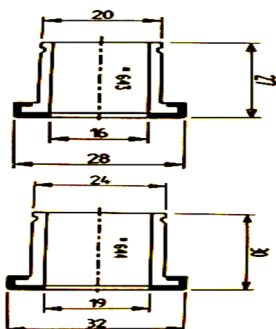
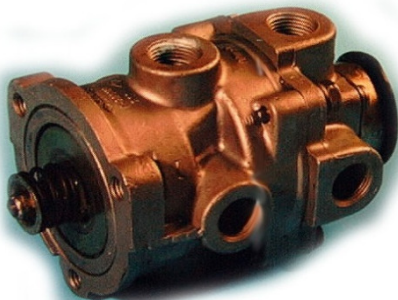
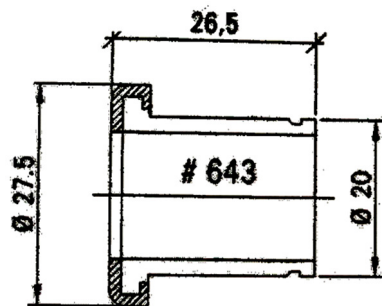
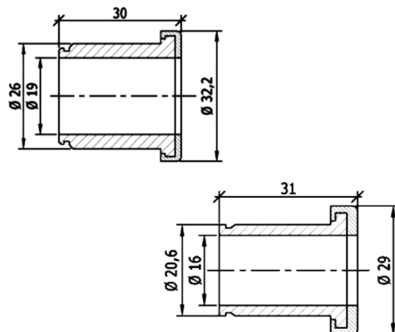


Compressor Relief Valve – 10 Bars		MM1815/2
	10 Bars Thread Size : M26 x 1.5	
Compressor Relief Valve – 13 Bars		MM1815
	13 Bars Thread Size : M26 x 1.5	
Compressor Relief Valve – 15 Bars		MM1815/1
	15 Bars Thread Size : M26 x 1.5	
Compressor Relief Valve – 17 Bars		MM1815/3
	17 Bars Thread Size : M26 x 1.5	

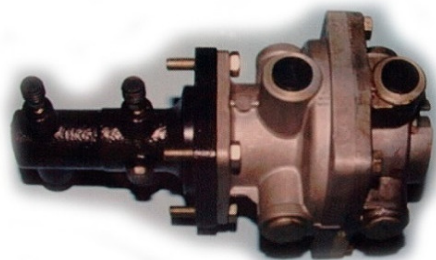
MERCEDES 352 Series		MM44042/2
	94mm Head Conversion	
KZ407 Intermediate Compressor Plate		MM44061
		
CLAYTON Compressor Barrel		MM44062
	Matching KITS Air Cooled : MM44051 Water Cooled : MM44055	
Compressor Gear Z = 20 ADE 407		MM44063
	Goes with MM44007	

FORD Compressor Gear Z		MM44064
		



IVECO Foot Valve		MM1451
	VALVE No. DX52BY	
BENDIX E6 Dual Circuit		MM22226
	VALVE No. 286171 T 5005182-A Alternate Part Numbers A.S.A. : 5754 W/H : 627021-M E6 TYPE Basic Valve (USA) KOMATSU Foot Valve WA600	
NABCO E6-T1 Dual Circuit		MM22226/1
	Alternate Part Numbers 1 48100 3975	
TOYOTA DA 110 Tipper		MM22226/2
	VALVE No. 241-01301 KIT No. 93240153	

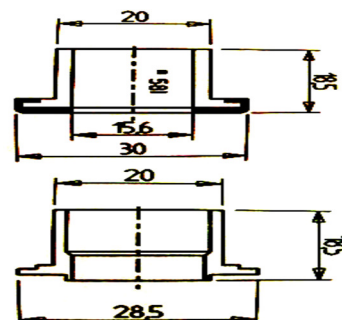
BOSCH Dual Circuit



VALVE No.
0481 064 007

Alternate Part Numbers
BOSCH : 1487 010 178
A.S.A. : 6363
W/H : 627020-M
461307

MM22249



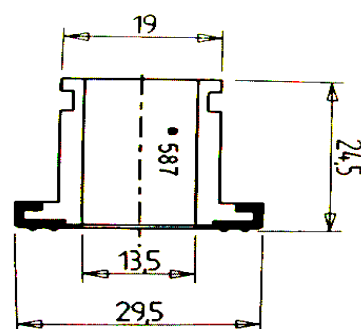
CLAYTON Dual Circuit



VALVE No.
APGA 6340
APSA 4471
7406 A

Alternate Part Numbers
A.S.A. : 5745
WABCO : GA 28627
W/H : 627019-M

MM22291

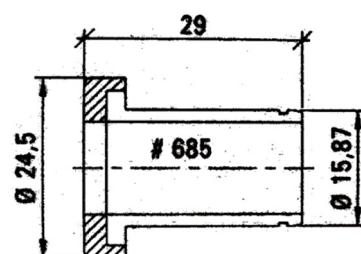


CLAYTON Dual Circuit Foot Valve

VALVE No.
APGA 6325/ 6438
APGA 7447
APGA 6340 BELL

Alternate Part Numbers
A.S.A. : 5722
WABCO : GA 28752

MM22292



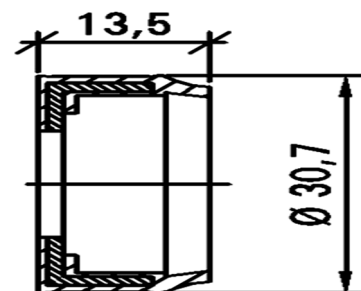
BOSCH Dual Circuit



VALVE No.
0481 064 005
0481 064 206 (Powerliner)

Alternate Part Numbers
BOSCH : 1487 010 060
W/H : 627014-M

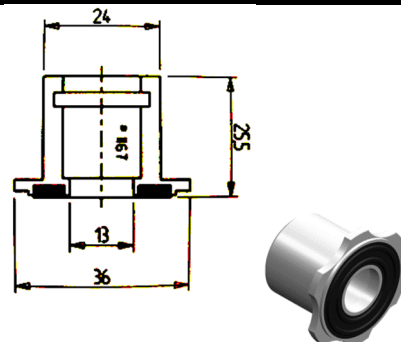
MM22297



KNORR Dual Circuit



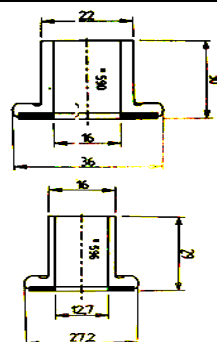
VALVE No.
MB 4630/49/54/57(DAF)/61/79/94(DAF)
MB 4730
MB 4805/15/20/25/26/28/33/36/49
Alternate Part Numbers
KNORR : I 83121
W/H : 627013-M
KB Valve MANDO MDFR02 H00681
FH12 VOLVO 11736174 I89387/008
For Piston see MM22298/1

MM22298

Japanese Dual Circuit

VALVE No.
SANWA SEIKI TB 2
CK 41

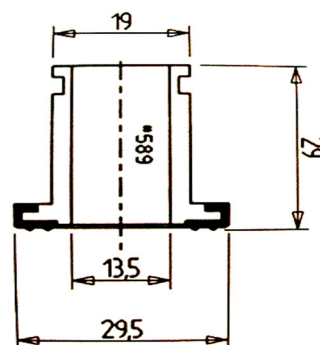
Alternate Part Numbers
41327-Z9001
A.S.A. : 5918
W/H : 627010-M
Small Clip on Shaft

MM22405

CLAYTON Dual Circuit (FORD D Series)

VALVE No.
APGA 6229
APGA 7381

Alternate Part Numbers
A.S.A. : 5746
WABCO : GA 29155
W/H : 627009-M

MM22411

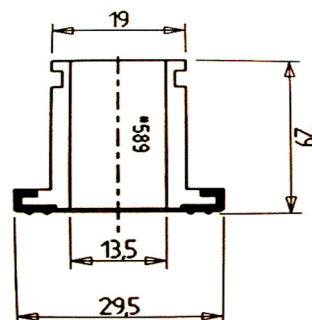
CLAYTON Single Circuit E2

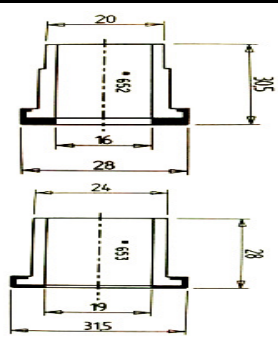
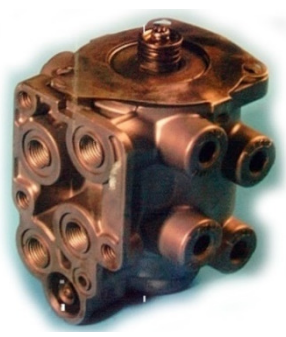
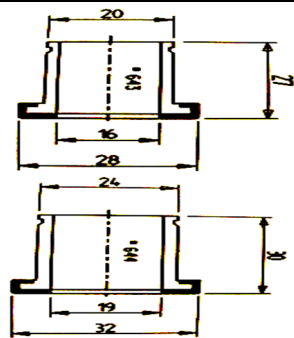
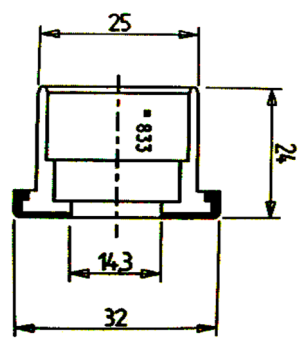
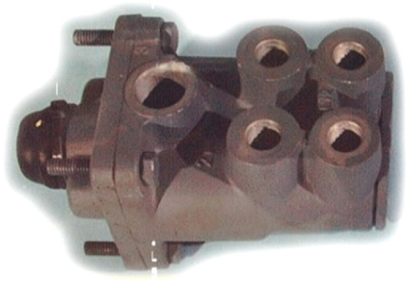
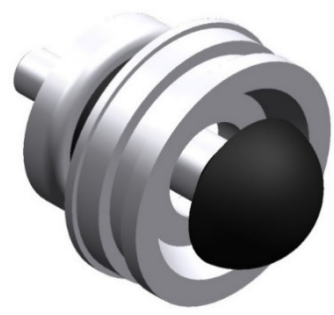


VALVE No.
229800

Alternate Part Numbers
A.S.A. : 5649
WABCO : GA 29141
W/H : 627008-M

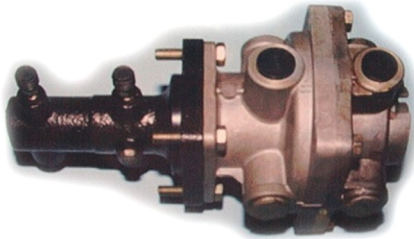
MM22412



CLAYTON Dual Circuit (FORD CARGO)		MM22431
	VALVE No. BENDIX 269615 Alternate Part Numbers W/H : 627007-M	
E7 Dual Circuit		MM22451
	VALVE No. 286773 (Piston MM1579) Alternate Part Numbers BENDIX : 289352 A.S.A. : 6368 W/H : 627005-M	
CLAYTON Dual Circuit (LEYLAND)		MM22455
	VALVE No. APGA 6566 APSA 10054 APGA 7493 Alternate Part Numbers A.S.A. : 5743 WABCO : GA 29345	
KNORR Dual Circuit		MM22449
	VALVE No. MB 4415/28/34/38 MB 4419 (Whole 44 Range) Alternate Part Numbers KNORR : I 59347 A.S.A. : 6267 W/H : 627006-M	

WABCO Dual Circuit

MM22460

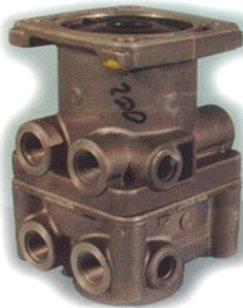


VALVE No.
461 307*** *

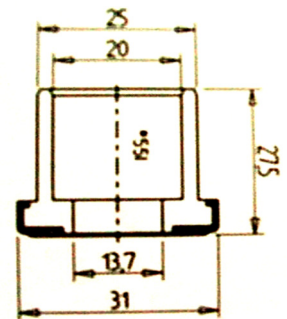
Alternate Part Numbers
WABCO : 461 307 002 2
A.S.A : 5309
W/H : 627003-M

WABCO Dual Circuit

MM22498

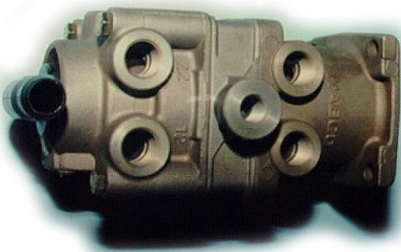


VALVE No.
461 315 *** 0
461 315 261 0
461 315 264 0
461 315 1807 SCANIA
TATA/CLAYTON/NISSAN UD390
M600580 / TVS 8171097
Alternate Part Numbers
WABCO : 461 315 005 2
A.S.A. : 5196
W/H : 627001-M



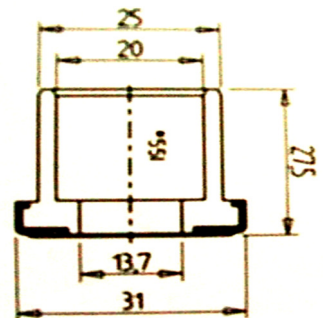
WABCO Dual Circuit

MM22498/1



VALVE No.
461 319 008 0

Alternate Part Numbers
WABCO : 461 319 001 2
A.S.A. : 5197
W/H : 627002-M



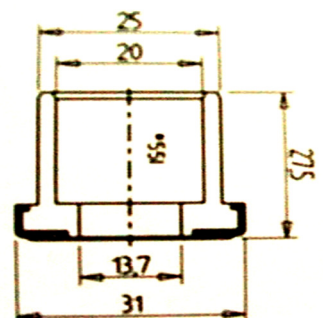
WABCO Dual Circuit

MM22498/2



MERCEDES Bus
4 613 152 460

KIT Covers All 3 Piston Types



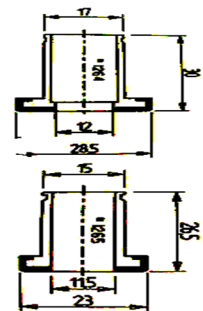
Japanese Dual Circuit

MM33003



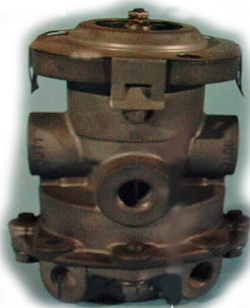
VALVE No.
NABCO E6
(Piston MM1851)

Alternate Part Numbers
45101 – Z9029 / Z5013
A.S.A. : 6561
CM 8/10/12/15/16



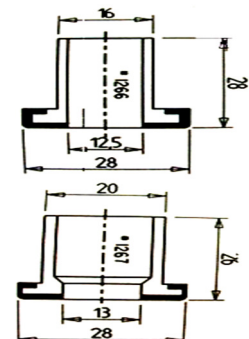
Japanese Dual Circuit

MM33004



VALVE No.
SANWA SEIKI TB 4
Main Air Piston MM33004/1
Air Piston MM33004/2

Alternate Part Numbers
44069-1420
A.S.A. : 6564

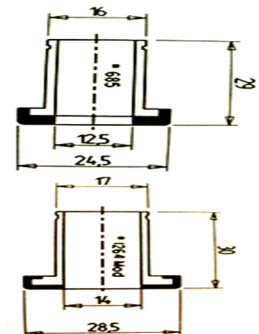


Japanese Dual Circuit (CW 41)

MM33009



No Lip in Piston

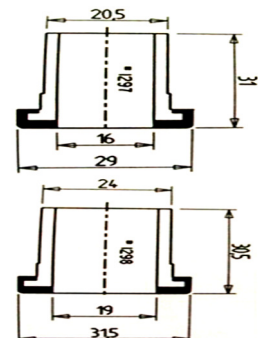


ISUZU Dual Circuit (F *000 Series)

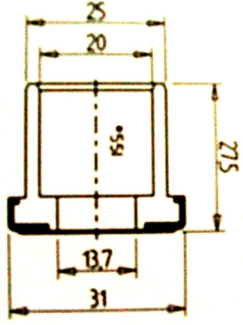
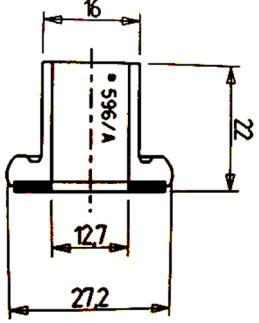
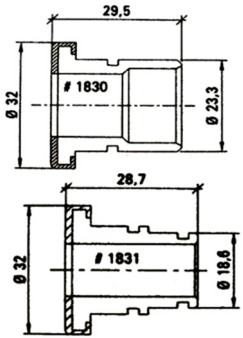
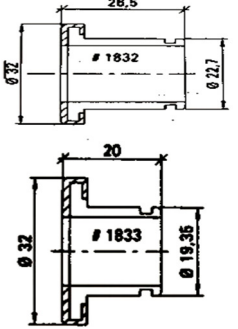
MM33010

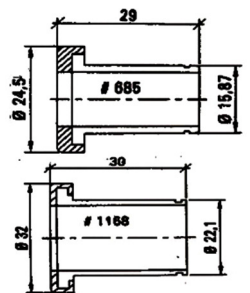
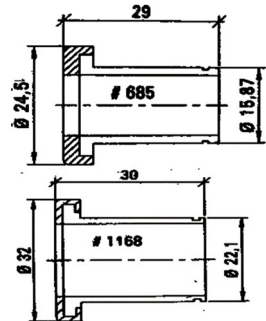
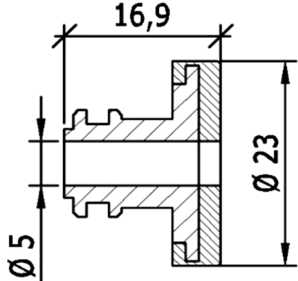
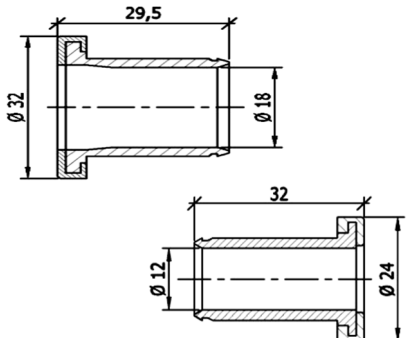


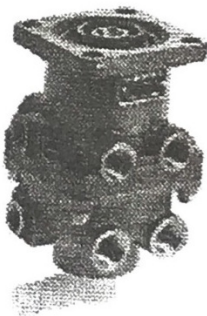
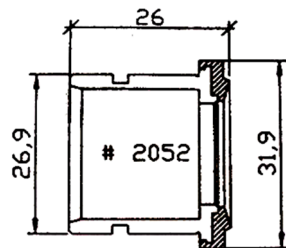
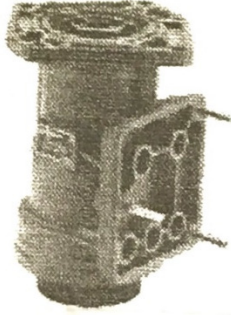
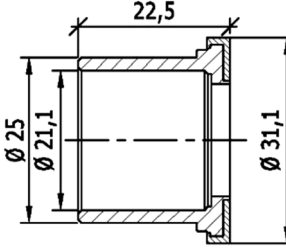
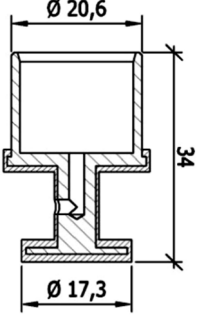
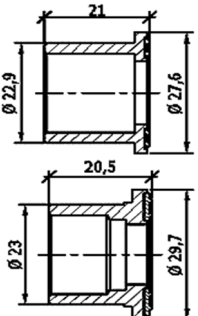
Alternate Part Numbers
9324-0168
Also NISSAN UD100

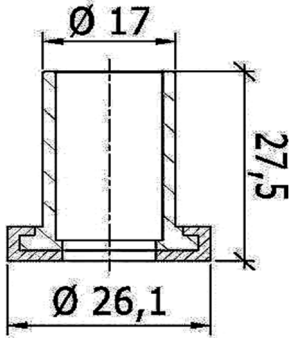
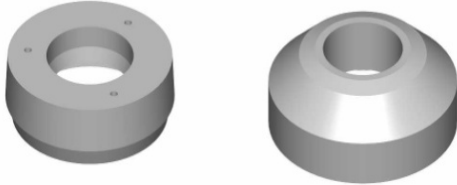
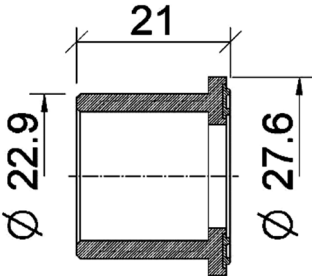
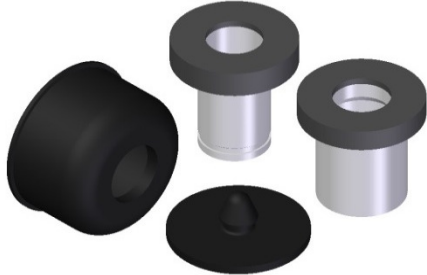
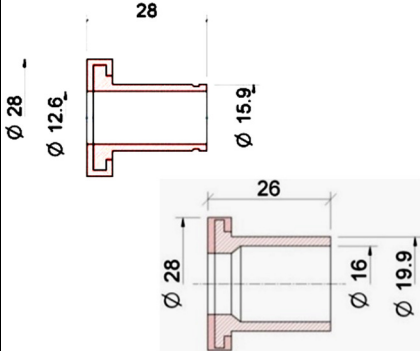


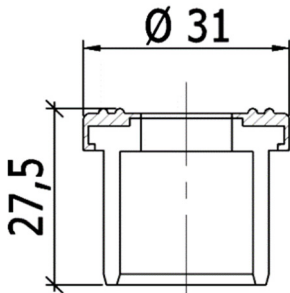
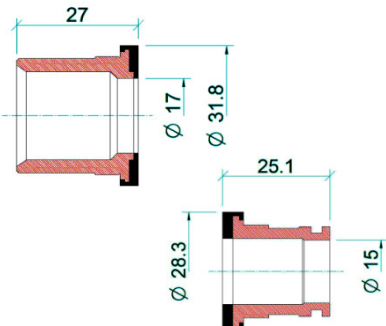
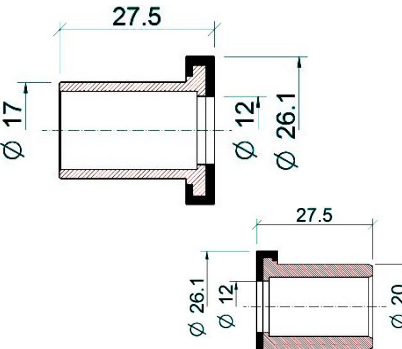
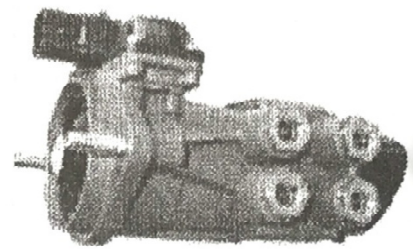
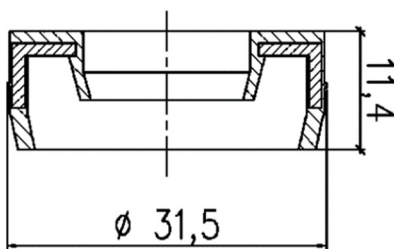
Japanese Dual Circuit		MM33025
	VALVE No. JIDOSHA KIKI 6 Alternate Part Numbers 9324-0151 W/H : 927028	
Japanese Dual Control		MM33026
	VALVE No. NABCO Alternate Part Numbers 45151-Z9125	
Japanese Dual Circuit		MM33028
	VALVE No. NABCO CW 45 Alternate Part Numbers 45101-Z9226 A.S.A. : 6563	
WABCO Dual Circuit (SK Range)		MM33056
	VALVE No. 461 319 2700 (Freightliner) 461 319 2500 (Powerliner) Alternate Part Numbers A.S.A. : 6668 & 6669	

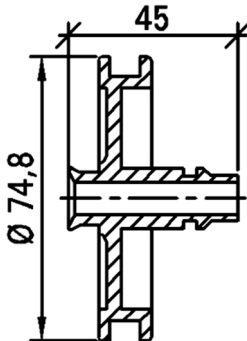
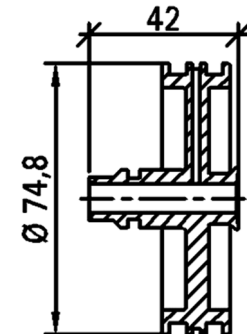
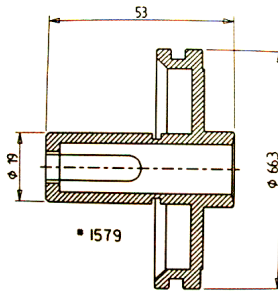
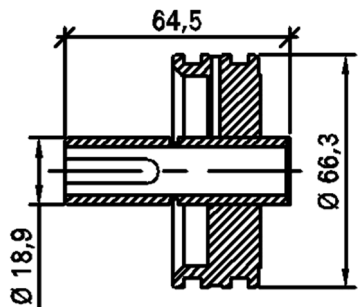
WABCO Foot Valve (Lip Seal)		MM33056/1
	VALVE No. 461 319 2500 461 319 2710 Alternate Part Numbers A.S.A. : 6994 For Piston see MM33056/2	
NISSAN CK20 CK41		MM33060
		
FORD Cargo Foot Valve		MM33068
	33050 – 043 A 81 DBZA 270	
MIDLANDS E6 Foot Valve		MM33069
	Alternate Part Numbers KN 22150 For Piston see MM33069/1	

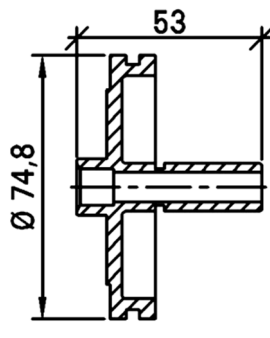
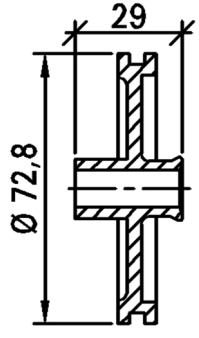
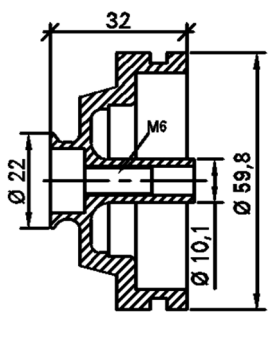
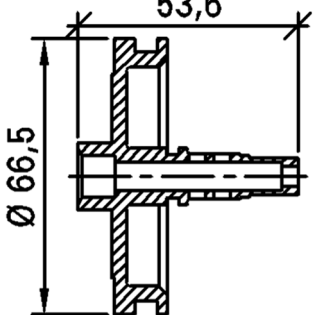
NABCO Foot Valve		MM33081
	Alternate Part Numbers BENDIX : 241 0741	
Japanese Foot Valve Kit		MM33081/1
	UD 80 *Customer to check Piston sizes!*	
BOSCH Foot Valve		MM33082
	VALVE No. 0481 008 038	
F.A.W Foot Valve		MM33090
		

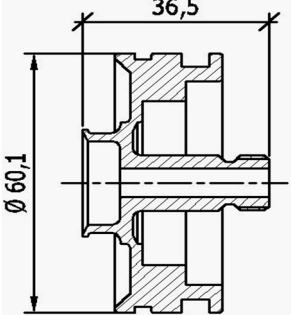
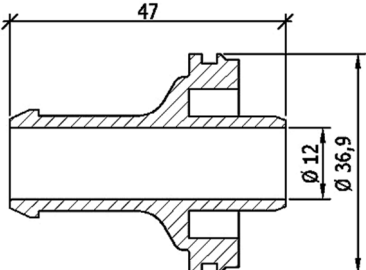
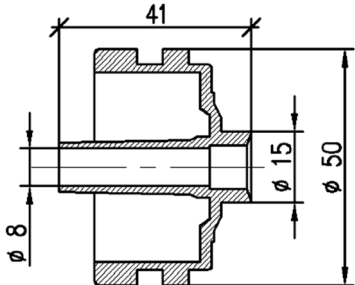
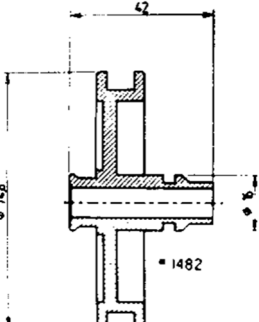
IVECO Foot Valve (DX75B + DX95B)		MM33094
	DX70 DX71BX DX80 Also MAGNET MARELLI Alternate Part Numbers 76620102 KNORR BREMSE : 13033	
BOSCH Foot Valve SCANIA		MM33121
	4 Series No. 132 4664 KIT No. 481 064 603 VALVE No. 481 064 110	
BENDIX (Delta Foot Valve)		MM33124
	VALVE No. SK 2764/1 SK 2648/1 KX 2408/1 KX 2408/2 KX 1764/1	
GRAU Foot Valve		MM33136
	VALVE No. 320063122 MAN : 3200 6 0101	

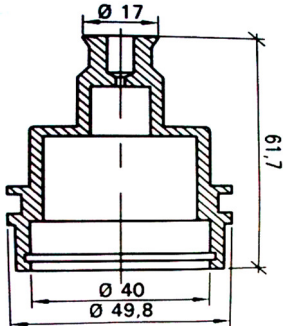
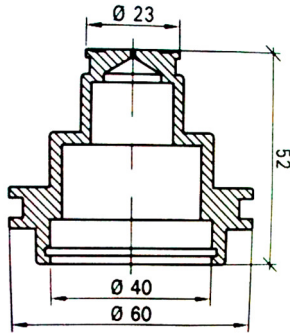
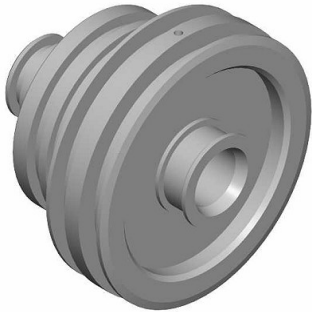
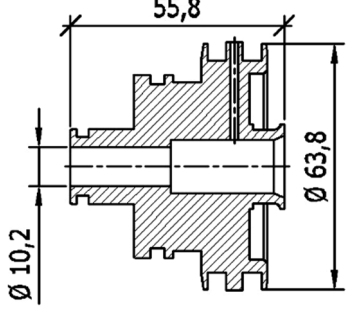
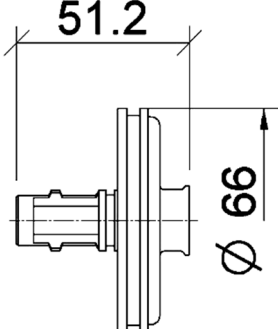
NISSAN UD 90 Foot Valve		MM33139
		
KNORR BREMSE Foot Valve (D.A.F.)		MM33153
	DX 61 A For Air Piston see MM33153/1 Includes O-Rings	
HALDEX Foot Valve		MM33155
	VALVE No. 320 063 121 MAN Bus Includes O-Rings	
TOYOTA HINO Foot Valve		MM33158
	TB 8 New Generation 47160-3311 SANWA SEIKI 500 Series 700 Series Main Air Piston MM1577 Includes O-Rings x 17	

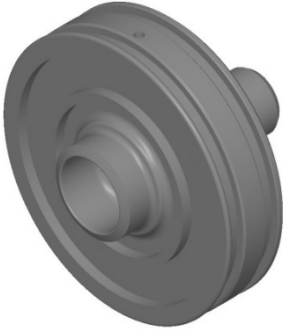
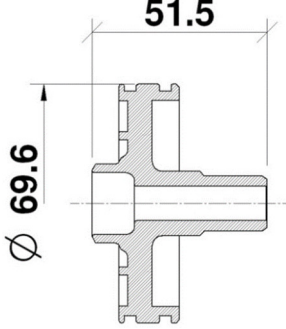
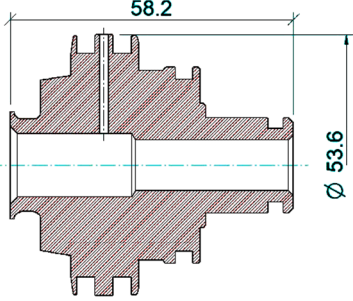
WABCO Foot Valve		MM33174
	VALVE No. 461 319 2730/40 461 319 2720 AXOR Comes with small Lip Seals For Piston see MM33174/1	
MITSUBISHI FUSO Foot Valve (KNORR BREMSE)		MM33200
	ISUZU 1-48100-925 Z 41-07025 KBJ-CV2425 12DO7A Includes O-Rings	
NISSAN Foot Valve		MM33201
	NABTESCO UD 80 UD 100 *Customer to check Piston Size!*	
KNORR BREMSE Foot Brake Valve		MM33207
	IVECO 440 Truck DX60A MAN TGA 815 213 062 75 0486 200 004/7 VOLVO K0 395 30 N00 K 000 926 K 000 926 100 VOLVO 398 6374	

Main Air Piston for HINO		MM1482/1
		
Main Air Piston CK45 CK46		MM1577
	Double O-Ring HINO TB 8 HINO Goes with KIT MM33158	
Main Air Piston for E7 Foot Valve		MM1579
	Goes with KITS MM33010 MM33025 MM22451 MM22226 Single O-Ring Groove	
NISSAN Foot Valve Piston		MM1579/1
	Double O-Ring Goes with KIT MM33010	

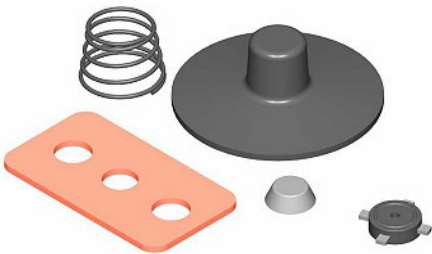
Main Air Piston NISSAN Foot Valve		MM1681
	NABCO MM33009	
Main Air Piston CK20 NISSAN Foot Valve		MM1704
		
WABCO Foot Brake Piston		MM1721
	VALVE No. 461 903 622 6	
NABCO Foot Valve Piston		MM1851
	For KIT MM33003	

E6 Foot Valve Piston		MM22226/3
		
Piston for MM22298		MM22298/1
		
Air Piston for NISSAN Foot Valve		MM33003/1
		
HINO Main Air Piston		MM33004/1
	For SANWA SEIKI TB4	

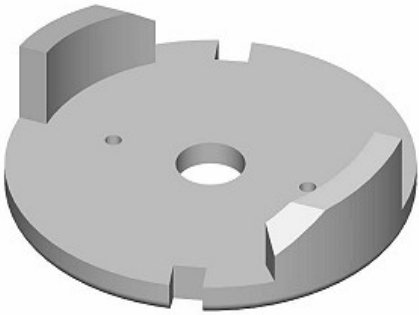
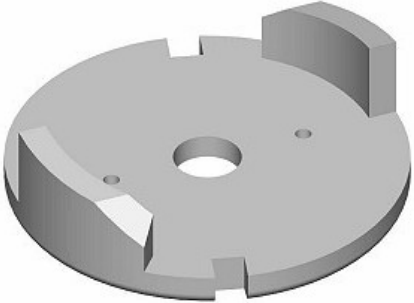
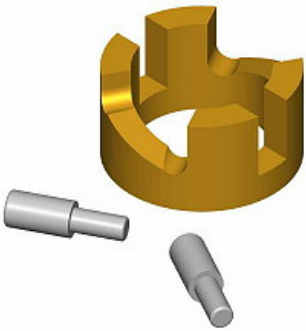
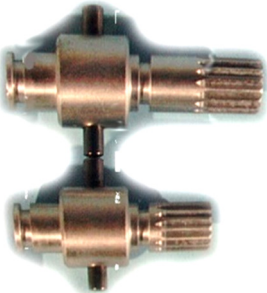
HINO Foot Valve Piston		MM33004/2
		
HINO Bottom Piston		MM33004/3
		
Piston for MM33056/1		MM33056/2
		
Main Air Piston for MM33069		MM33069/1
		

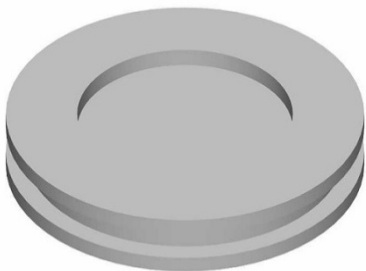
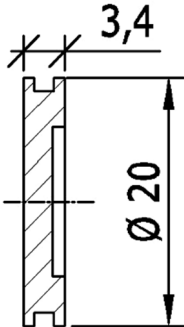
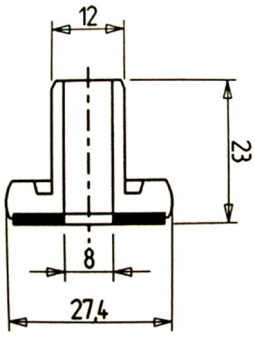
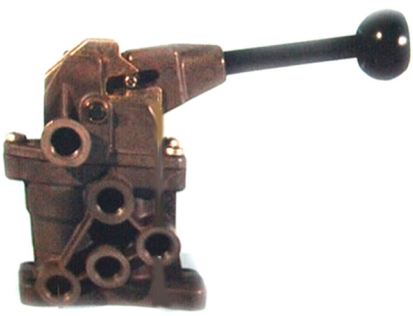
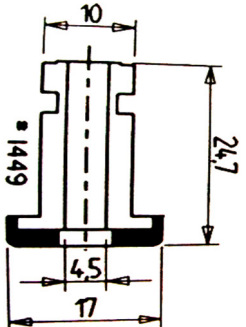
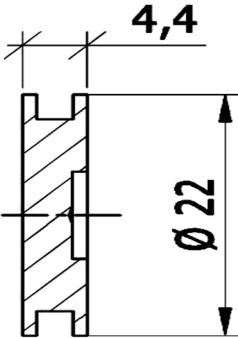
Main Air Piston for MM33153		MM33153/1
		
PISTON for MM33174		MM33174/1
		

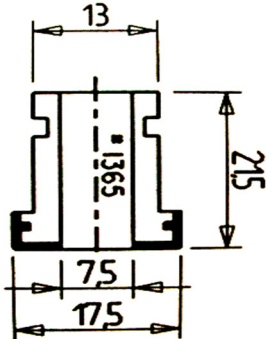
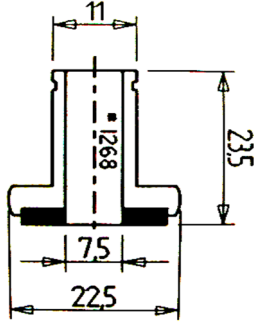


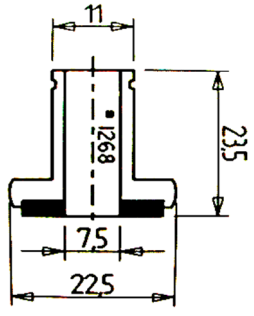
VOLVO Compressor Governor Valve		MM33099
	LP 4930	
CLAYTON DEWANDRE D2 Valve Kit		MM33123
	KIT No. SAB69RK003 Alternate Part Numbers 262723	



CAM Plate – RH		MM1191
		
CAM Plate – LH		MM1191/1
		
Brass CAM for NISSAN		MM1285
	Includes Pins	
Drive Shaft for NISSAN		
	L = 49mm	MM1375
	L = 60mm	MM1375/1

Plug/Cap for HB 1168		MM1488
	Goes with MM33047	
Japanese Hand Control		MM22319
	VALVE No. SANW SEIKI Alternate Part Numbers 45143-90003 A.S.A. : 5916 W/H : 631007-M	
KNORR Hand Control		MM22436
	VALVE No. HB 1154 Alternate Part Numbers 1 72290 A.S.A. : 6213 W/H : 631006-M	
Plugs for VALVE No. HB 1.154		MM22436/1
		

WABCO Trailer Hand Control		MM22440
	VALVE No. 961 721 000 0 961 721 008 0 Alternate Part Numbers A.S.A. : 5702 KB 965012 5000 TC2	
WABCO Trailer Hand Control		MM22440/1
	VALVE No. 961 721 00 0 961 721 02 0 961 721 008 0 961 722 2520 CBH 7235390008 RENAULT Alternate Part Numbers WABCO : 961 721 004 0 WABCO : 961 721 004 2	
WABCO RH Spring Brake		MM22490
	VALVE No. 961 701 110 0 For RH CAM Plate see MM1191 For LH CAM Plate see MM1191/1 Alternate Part Numbers A.S.A. : 5221 WABCO : 961 701 001 2 W/H : 631001-M	
Japanese Hand Control		MM33005
	45220 25002	

Japanese Hand Control with CAM		MM33005/1
		
WABCO Hand Control		MM33042
	VALVE No. 961 722***0 Alternate Part Numbers A.S.A. : 5701 961 722 003 2 W/H : 631009-M	
KNORR Hand Control		MM33047
	VALVE No. HB 1167/68/70/73/79/90 HB 1200/01/05/05 Plug Cap for HB 1168 is MM1488 Alternate Part Numbers KNORR : I 92181/008 W/H : 631013-M Does NOT include Plastic CAM Plate	
Dash Mount Trailer Supply Valve		MM33050
	FORD LOUISVILLE VALVE No. T 290645-B Includes O-Rings	



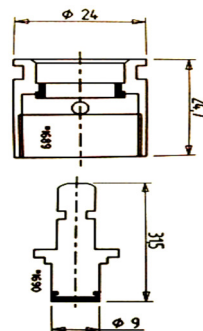
BENDIX L4 Hand Control

MM33059



VALVE No.
KY 1350/12

Alternate Part Numbers
BENDIX : SK 2773/1
W/H : 613010-M



BENDIX Hand Control

MM33064



Alternate Part Numbers
SK 2679-1

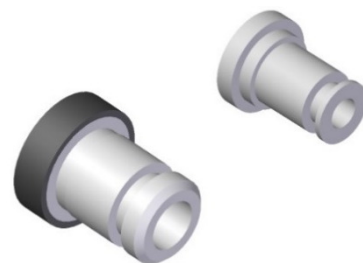
WABCO 3 Port Hand Control (Slide Series)

MM33077



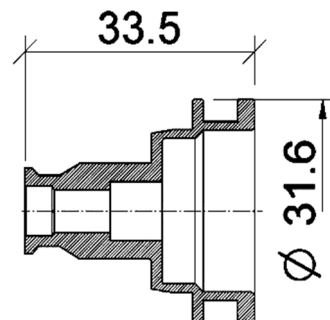
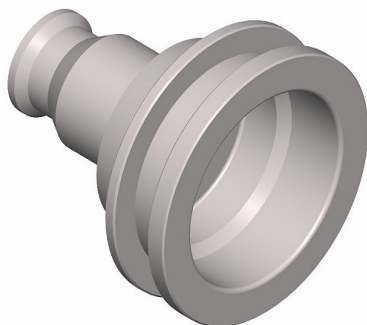
VALVE No.
961 722 2320

Alternate Part Numbers
A.S.A. : 6939



Piston for MM33077

MM33077/1



BENDIX Hand Control

MM33078

TYPE S4



KY2387/1

TYPE S4 & S5

TYPE S5



KY2452/4
1186643

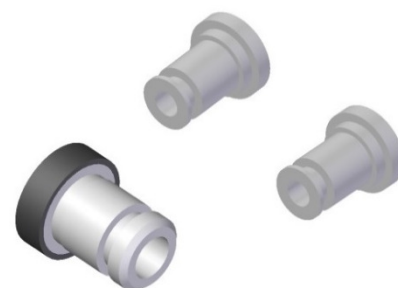
WABCO 5 Port Hand Control (Slide Series)

MM33093



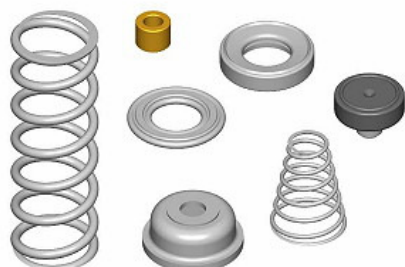
VALVE No.
961 722 0042

Includes O-Rings



WABCO RH 4 Port Hand Control

MM33098



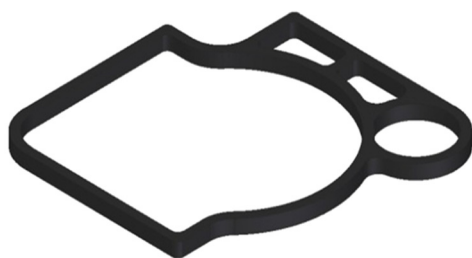
VALVE No.
961 702

For CAM Plate see MM1191

Includes O-Rings

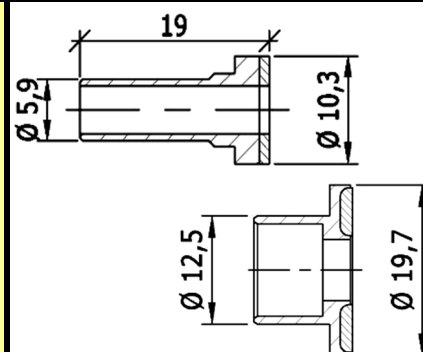
New Generation POWERLINER

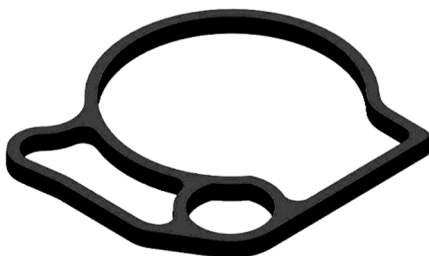
MM33103

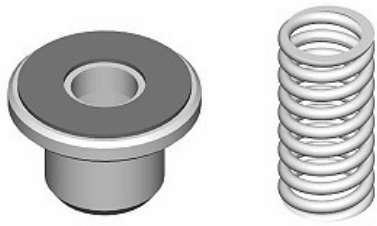
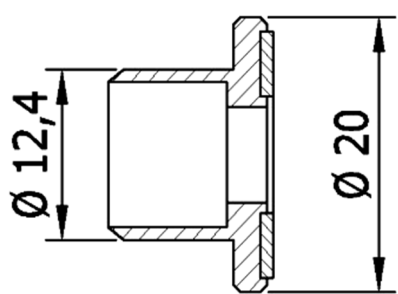
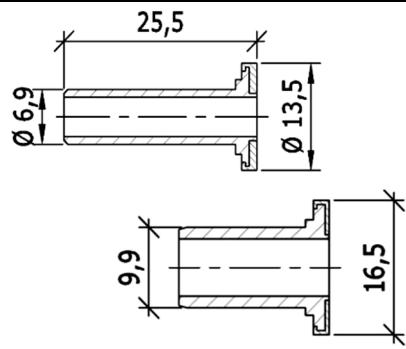
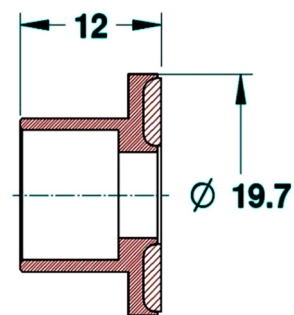


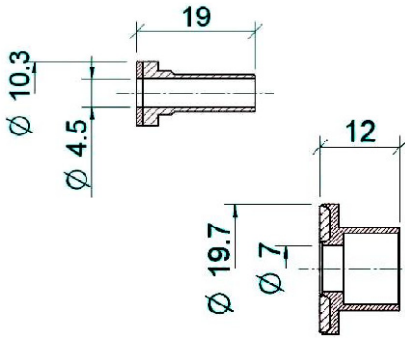
VALVE No.
961 723 0190
961 723 1040
961 723 1400

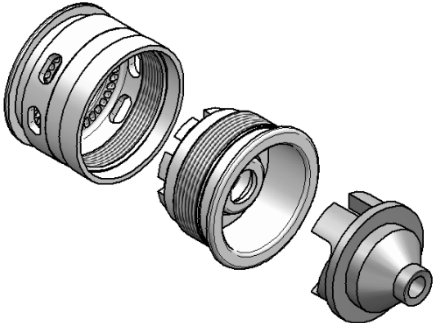
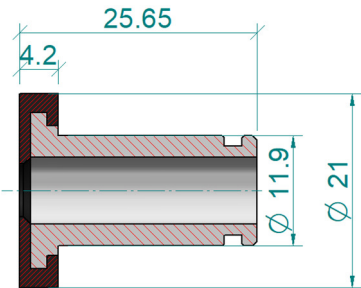
KIT No.
971 723 000 2



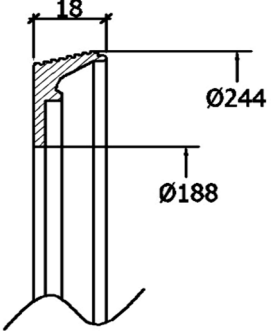
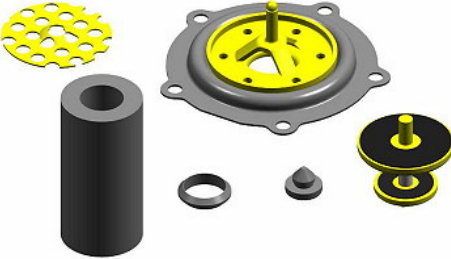
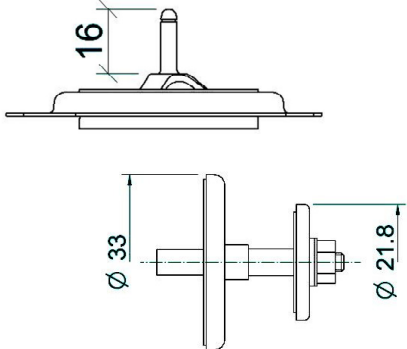
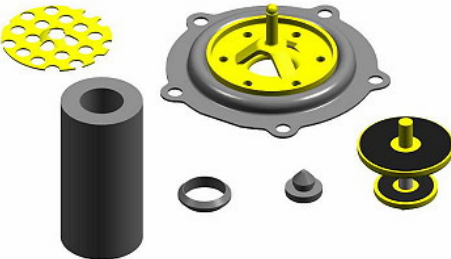
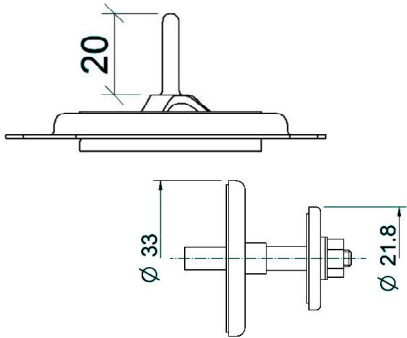
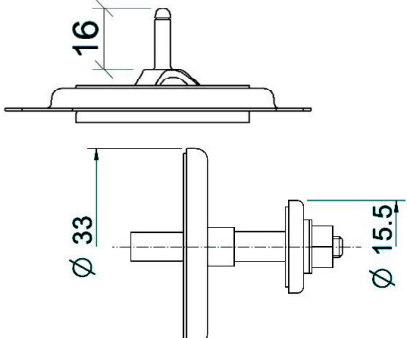
New Generation WABCO		MM33103-1
	VALVE No. 961 723 1250	
New Generation WABCO		MM33103-2
	VALVE No. 961 723 1000	
KNORR BREMSE/WABCO		MM33111
	VALVE No. 76635301000 DPM 66 A TEGA DPM 90 D DAF DPM 94A-94AAA Includes O-Rings	
KNORR BREMSE/WABCO - Castlated		MM33111/A
	VALVE No. 76635301000 DPM 94A-94AAA	

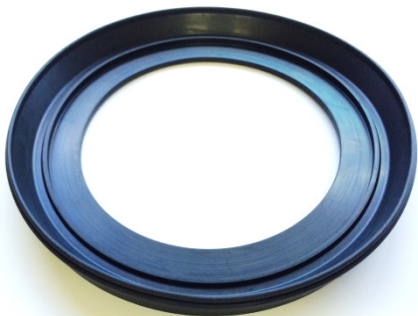
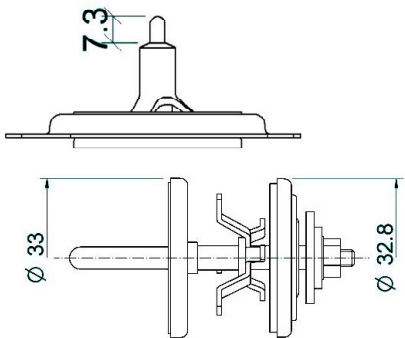
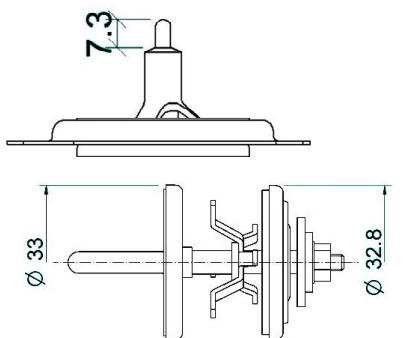
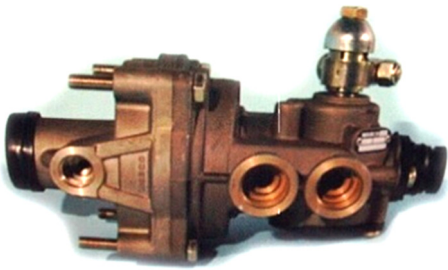
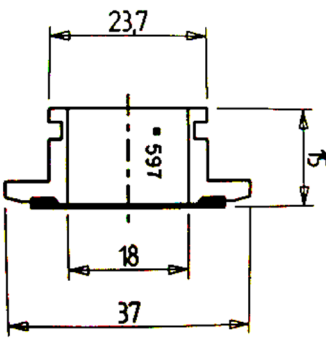
KNORR BREMSE – Minor		MM33111/B
	VALVE No. 7663530100 DPM 94A-94AAA Includes O-Rings	
BOSCH 3 Port Hand Control Valve		MM33126
	KIT No. 1487010254 Alternate Part Numbers 0481 016 702	
ACTROS		MM33163
	VALVE No. DPM 22A/23A/28A DPM 90C.K. DPM 92B DPM 99A KNORR BREMSE DPM 60EY DPM 67A	
BENDIX/DAF		MM33168
 INCLUDES O-RINGS	DAF DPM 90 D DPM 95 ** International 15 x 9800	

VOLVO FH12		MM33196
 INCLUDES O-RINGS	VALVE No. 20367531 WABCO : 961 724 2030 WABCO : 961 724 2050 Plastic Valve	
AXOR		MM33198
	VALVE No. DPM 66A DPM 60EY Includes O-Rings	
VOLVO Trailer Hand Control Brake		MM33209
	VALVE No. K/B I 94404 VOLVO : 2037554 1194403	
JAPANESE SANWA SEIKI		MM33217
	VALVE No. 47930 - 1870 449786	

Housing for MM33217		MM33217/1
	Housing Part A Housing Part B CAM	
Hand Control F.J. Series		MM33220
		

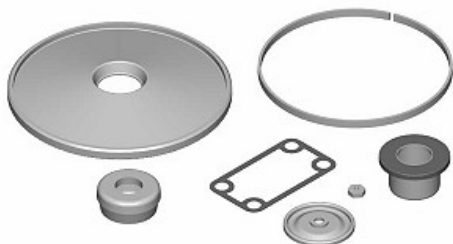


Air Seal (MM33108 & MM33122)		MM2709
	Outside Diameter = 244 Inside Diameter = 188 Height = 18 1 Per KIT	
HYDROVAC #9320-1374		MM33108
	Main Shaft 8mm 10mm For Air Seal see MM2709 Includes O-Rings & Seals	
HYDROVAC (Extra Long)		MM33108/1
		
HYDROVAC #9320-1379		MM33109
	Main Shaft 8mm Seal Outside Diameter = 175 Inside Diameter = 119 Height = 18	

JIDOSHAKIKI		MM33109/1
	Outside Diameter = 175 Inside Diameter = 119 Height = 18	
BENDIX		MM33122
	KIT No. 9320-1206 Main Shaft 8mm For Air Seal see MM2709 Includes O-Rings & Seals	
CLAYTON DEWANDRE		MM33143
	KIT No. 700 749 701 653 701 662/3 Main Shaft 8mm 701 290 701 659 Original has leather main seal 070 829 970 1662 Small U-Seal	
WABCO Relay Load Sensing		MM22397
	VALVE No. 475 710***0 Alternate Part Numbers WABCO : 475 710 001 2 A.S.A. : 5381 W/H : 633001-M Plastic Piston NOT included	

BOSCH Load Sensing Valve

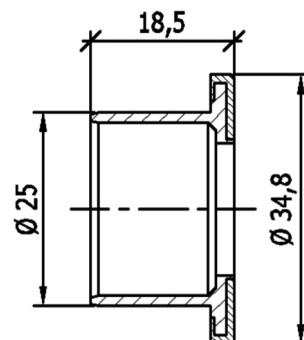
MM33104



VALVE No.
#1487010098000
0481 036

Single L/S – No Relay

Includes O-Rings



KNORR Load Sensing Valve – Major 187895

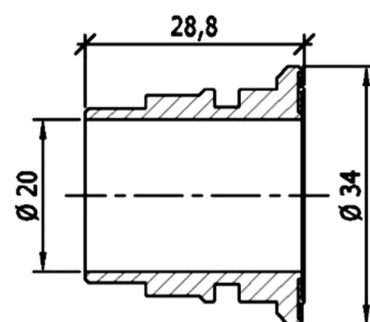
MM33105



VALVE No.
BR 4411/12
BR 5611 – A/S

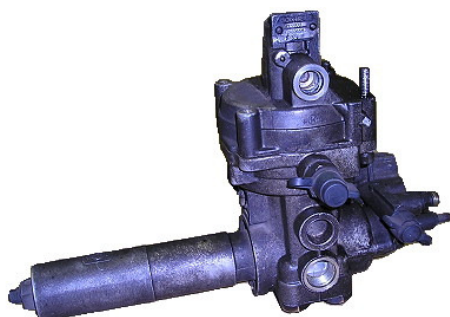
Piston with O-Ring

Includes O-Rings & Springs

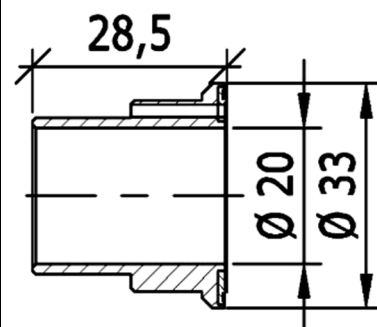


KNORR Load Sensor

MM33105/1



VALVE No.
BR 5503 A/S
SEB00658
SEB22188
BR5522

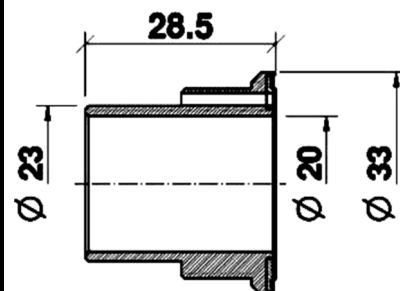


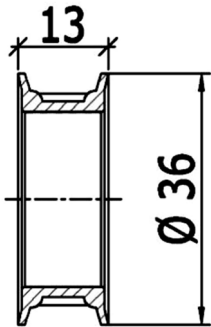
KNORR Load Sensor (With Air Bags)

MM33105/2

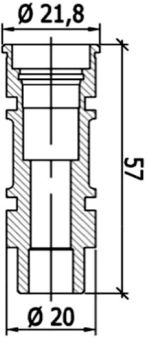
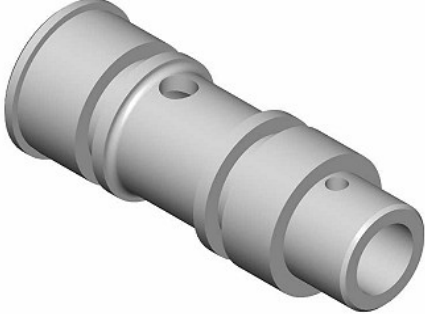
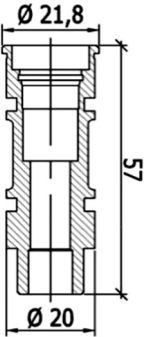
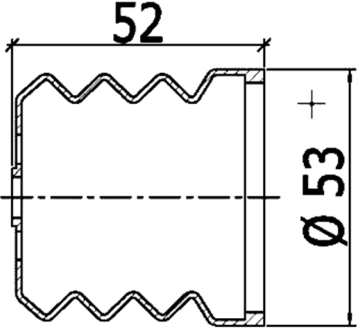
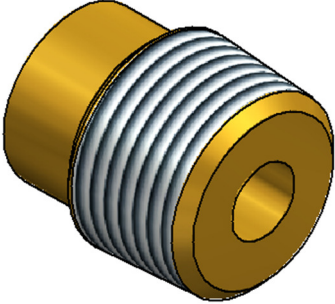
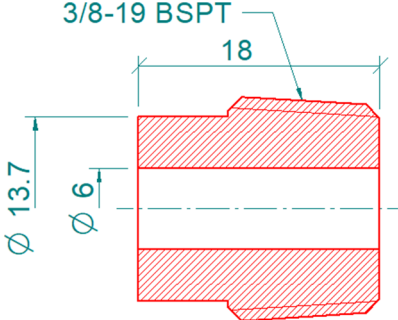


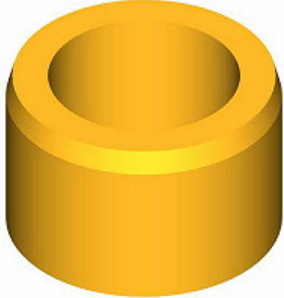
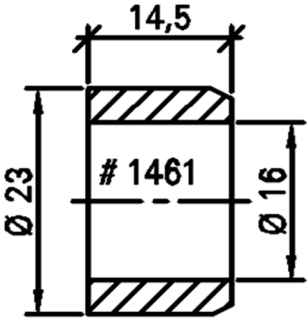
VALVE No.
BR 4351
BR 5522

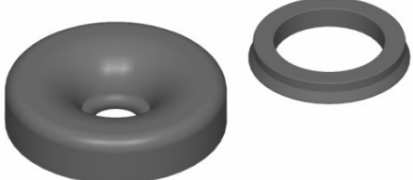
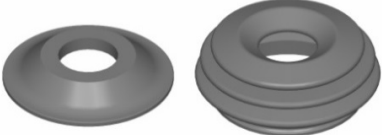


WABCO Load Sensing (Air Suspension)		MM33112
	VALVE KIT 475 711 0002 Includes Circlips, O-Rings & Springs	
WABCO Load Sensing (Air No Relay)		MM33112/1
	VAVLE No. 475 714 5100 475 714 6222 Air Suspension NO Relay Trailer Use ONLY	



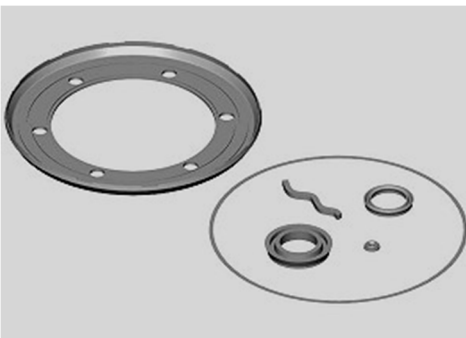
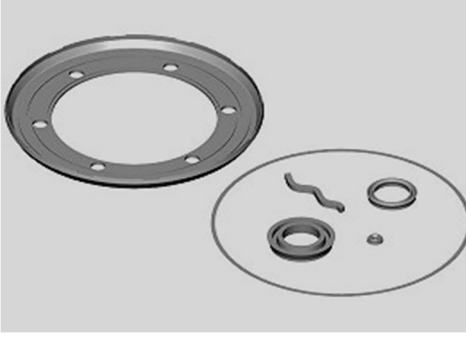
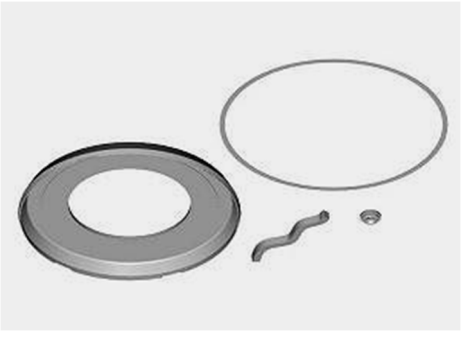
Cartridge Sleeve #WR 461 324 5032		MM1548
		
Accelerator Cartridge		MM1548-1
		
BOOT		MM3106
		
Brass Plug		MM3439
		

Rubber Cap for Tyre Inflation	MM25003
	
Operating Cylinder Shaft – c/w Brass Bush	MM33039
	VALVE No. 422 010 00* 2 Alternate Part Numbers 422 010 010 0 Includes Shaft & Brass Bush
Operating Cylinder – Bush Only	MM33039/1
	
WABCO Tandem Actuator	MM33159
	VALVE No. APSA 7212/13 KIT No. GA28693 Main Seal 5 1/4" OD x 4 3/4" ID x 3/8" Old FORD D-Series

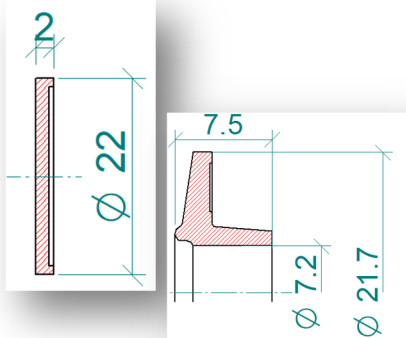
LIEBHERR Crane Seal Kit #1		MM33164
	Normal Rubber - NITRILE Seal 50 x 36 x 70 O-Ring 40 x 5	
LIEBHERR Crane Seal Kit #2		MM33165
	Normal Rubber - NITRILE 60 x 21 x 10 HIGH 53 x 20.5 x 25 HIGH	
KNORR BREMSE 3GB Brake Valve Loco's		MM33203
	PART No. KB2623/0/EN	
F&J Female Air Coupler Seals		MM33208
	10 x Seals per Pack	

WABCO ECAS Solenoid Valve		MM33214
	PART No. 472 880 0300	

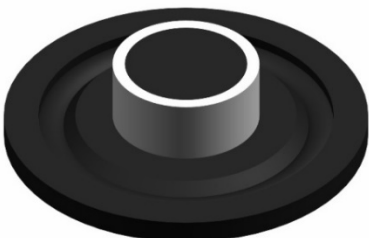
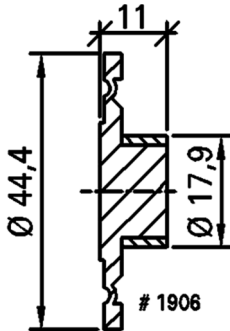


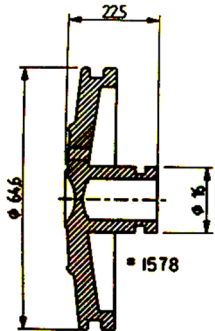
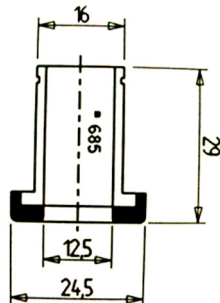
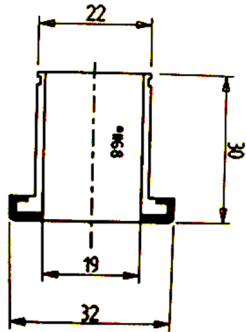
HALDEX Pressure Converter (Mineral Oil)		MM33125
	RN55P Also MIDLAND N4170 F Includes O-Rings	
HALDEX Pressure Converter (Mineral Oil)		MM33125/1
	RN55AW 6" N4286 Includes O-Rings	
HALDEX Pressure Converter (Brake Fluid)		MM33125/B
	RN55P Also MIDLAND Includes O-Rings	
HALDEX Pressure Converter		MM33128
	4 1/2" Cylinder 114.3mm POT Also MIDLAND Includes O-Rings & U-Seals	



WABCO Pressure Reducing Valve		MM33154
	VALVE No. 475 010 3000 475 010 3010 475 010 4000 475 010 0012	
WABCO Pressure Limiting Valve		MM33190
	VALVE No. 475 015 039 0 KIT No. 475 015 001 2 475 015 061 0	



KNORR BREMSE Overflow Valve		MM1879
		
JAPANESE Quick Release Valve		MM1906
	AIR MASTER Shaft 16mm	
Diaphragm – 45mm		MM22378
	643001	
Diaphragm – 50mm		MM22378/1
	643002	

WABCO Flap Assembly for Square Relay		MM1485
	Goes with MM22496	
Piston for 471 005 020 0 — Relay Emergency Valve		MM1578
	VALVE No. 10 S4	
Japanese Relay		MM22213
	VALVE No. SANWA SEIKI FUSO J.K.C. ISUZU NISSAN HINO Alternate Part Numbers 45171-99005 A.S.A. : 6292 W/H : 645012-M	
R8 Relay Valve		MM22279
	VALVE No. 286370 Alternate Part Numbers W/H : 645009-M	

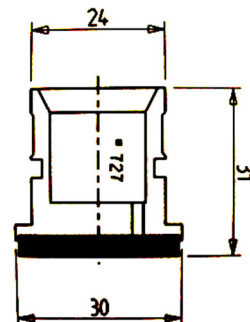
Japanese Relay

MM22320



VALVE No.
SANWA SEIKI

Alternate Part Numbers
45165-99026
A.S.A. : 5919
W/H : 645008-M



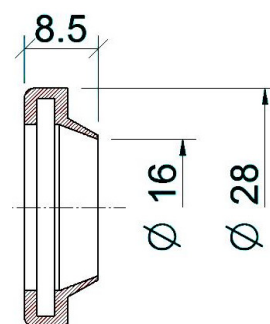
KNORR Square Relay

MM22438



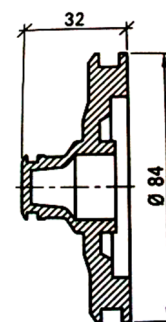
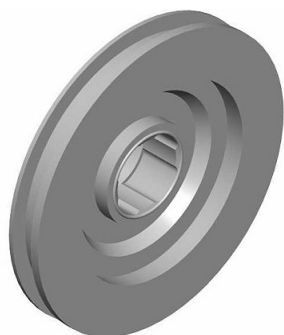
VALVE No.
RE 1115
RE 2221
RE 1144

Alternate Part Numbers
KNORR : I 68094
W/H : 645006-M
2 per KIT



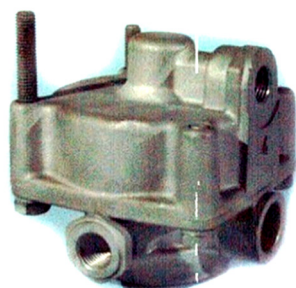
Piston for MM22438

MM22438/1



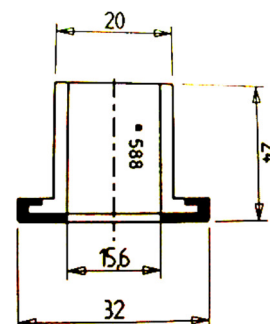
BOSCH Square Relay

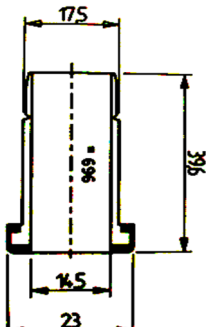
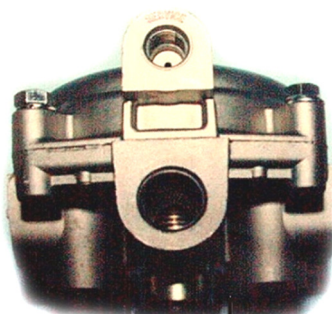
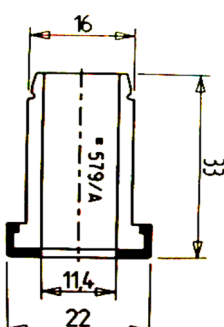
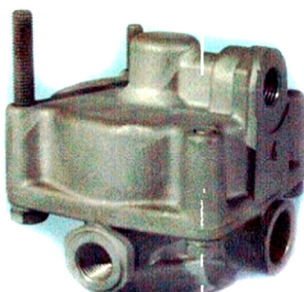
MM22450

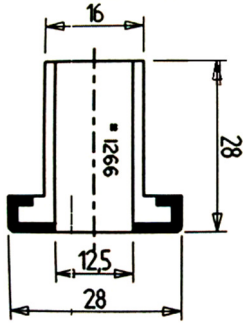
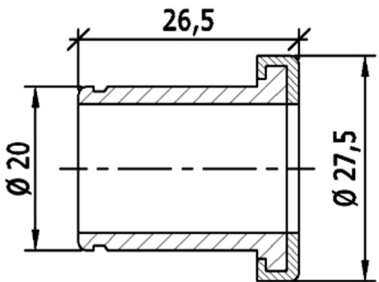


VALVE No.
0481 026 006

Alternate Part Numbers
BOSCH : 1487 010 101
A.S.A. : 6366
W/H : 645005-M



RE6 Relay		MM22476
	VALVE No. 281672 Alternate Part Numbers A.S.A. : 5348 266784 W/H : 654004-M BENDIX : SK 2677/1	
R6 Relay		MM22477
	VALVE No. 280375 Alternate Part Numbers WABCO : 263945 W/H : 645003-M BENDIX : SK 2661/1	
WABCO Square Relay		MM22496
	VALVE No. 973 001***0 For Flap Assembly see MM1485 Alternate Part Numbers WABCO : 973 001 0002 A.S.A. : 5198 W/H : 645002-M	
WABCO Square Relay (New Generation)		MM22496/1
	VALVE No. 973 001 210 022	

HEX Relay Valve	MM33017
	
GRAU Square Relay	MM33051
	VALVE No. 355 018 011 Alternate Part Numbers GRAU : 950 355 004
Japanese Relay Valve (TOYOTA HINO)	MM33055
	
BENDIX R9 Relay Valve	MM33067
	
	

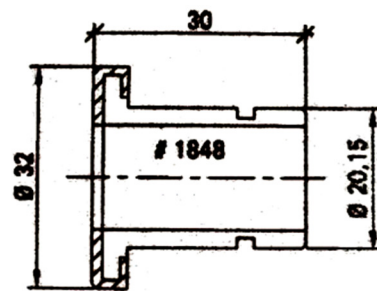
GIRLING Relay Emergency Valve

MM33070



VALVE No.
75961102
Also HALDEX

Alternate Part Numbers
GRAV : 75611959



MAGNETT MARELLI Dual Square Relay

MM33083



VALVE No.
AC 586 AA

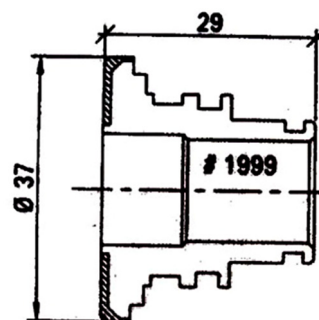
Alternate Part Numbers
BENDIX : 9412



VOLVO Square Relay

MM33091

VALVE No.
1082666
0481 026 019
0481 026 021



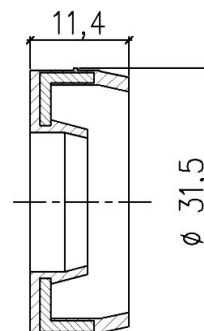
WABCO Square Relay Valve

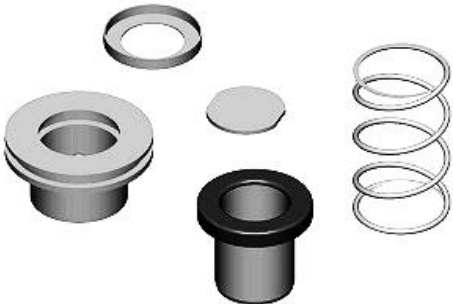
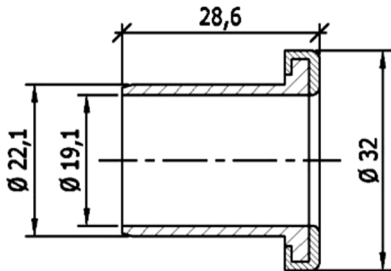
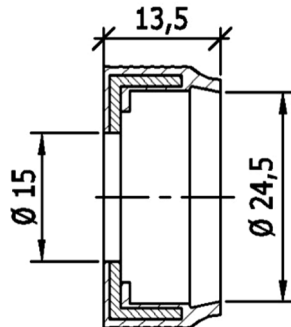
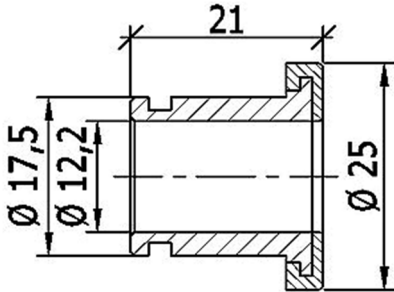
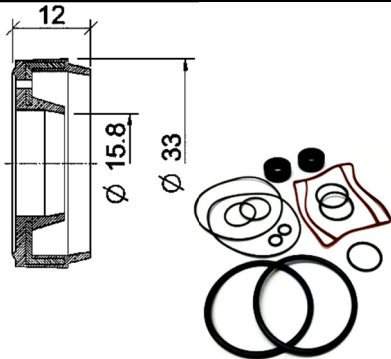
MM33102

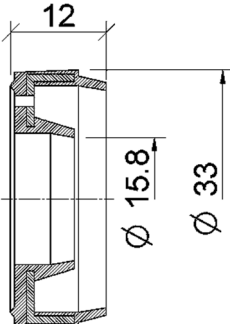
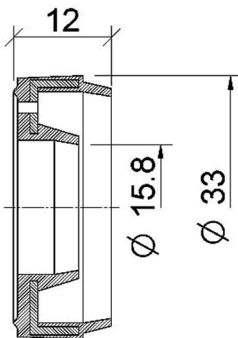
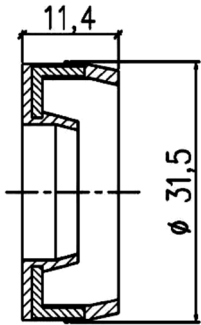
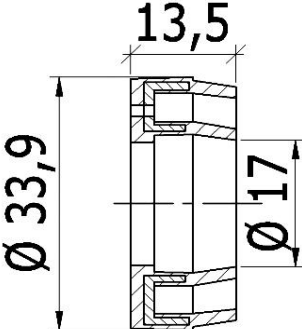


VALVE No.
475 720 0050
475 721 0080
480 020 0020
480 202 0040
973 011 0010/0040/2000

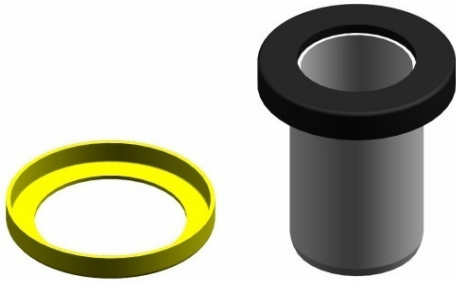
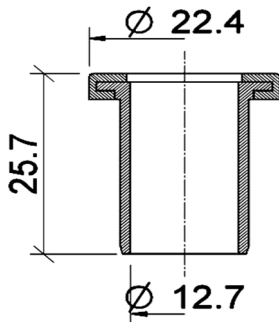
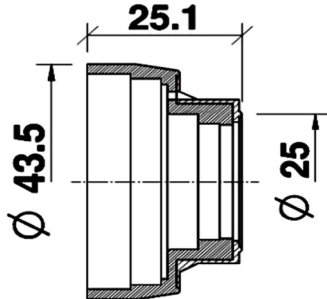
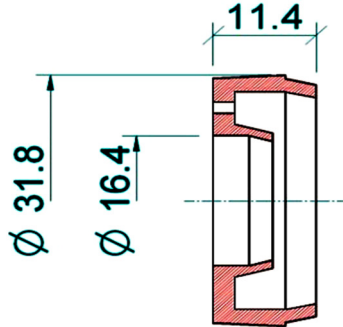
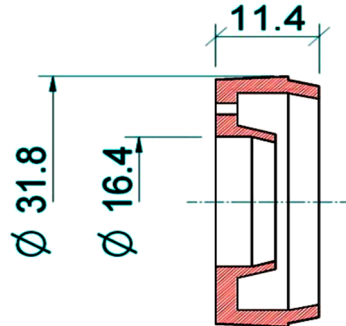
AXOR WABCO LOAD SENSING
For Double see MM33199

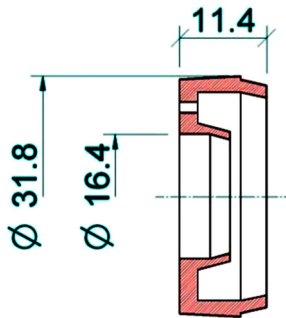
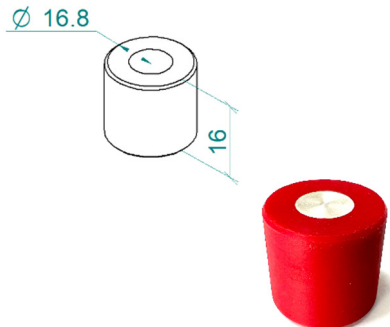
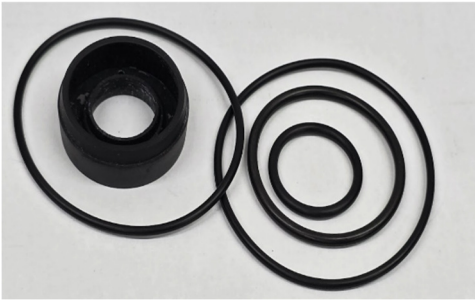
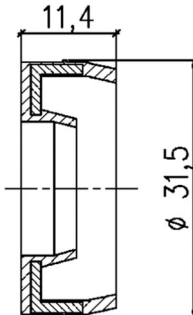


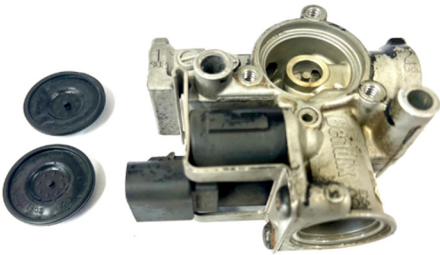
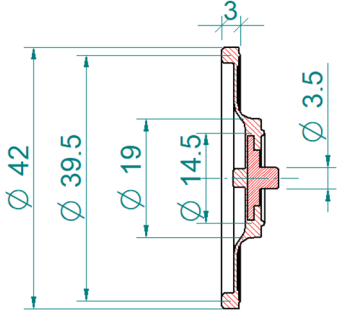
Relay Valve for R12 & R14		MM33116
	INTERNATIONAL KIT No. 102802 Also fits TATA Includes O-Rings	
BOSCH Square Relay Valve / SCANIA		MM33118
	VALVE No. 0481 026 027	
GRAU Skid Check Valves		MM33135
		
KNORR Relay Modulator Valve		MM33146
	VALVE No. BR 9231 BR 9233	

KNORR Square Relay (ABS)		MM33157
	VALVE No. AC 574 AXY BR 9234 KO 27900VOO	
KNORR Trailer Modulator (EBS)		MM33157/1
	VALVE No. ES2005 BR 9233	
KNORR/DAF Square Relay		MM33167
	PART No. DAF AC577A AC 574 AXY AK 1482-40354 ES 2053 Pistons ONLY Also Fits 456 204 017 2 x KITS Includes O-Rings	
KNORR BREMSE Relay Control (MAN TGA)		MM33179
	PART No. 0717 403 A KNORR BREMSE VOLVO 20828241 81.52106.6025 81.52106.6041 MAN 81.52106.6025 81.52103.6014 81.52106.6042/46/48/49/50 Double uses 2 x KITS (FOR EBS5 001411 – 2 REQ)	

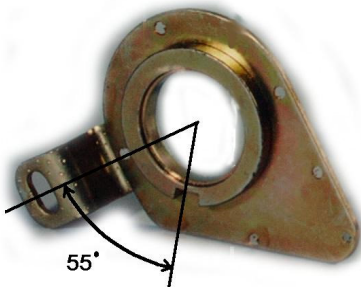


HALDEX Square Relay (Western Star)		MM33180
	9 732 980 140	
HALDEX ABS Relay Valve		MM33183
	364 11 5021/M5144 364 263 021/031	
KNORR BREMSE ABS Relay Valve - Single		MM33192
	Single (1 x SEAT) #81 52106 6013/14 0481 026.023 AXOR SCANIA 0 486 204 019 For Double see MM33192/1	
KNORR BREMSE ABS Relay Valve - Double		MM33192/1
	Double (2 x SEAT) 0 486 204 018 For Single see MM33192	

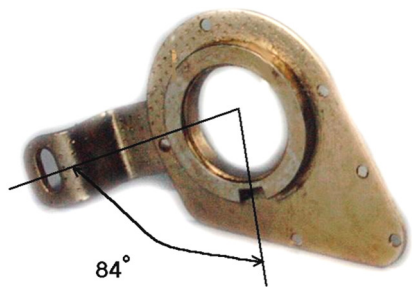
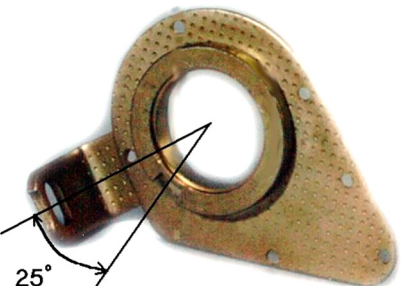
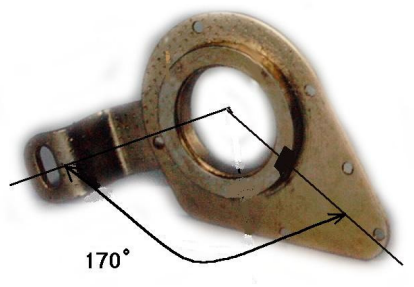
WABCO Double ABS Modulator Relay Valve		MM33199
	RL 351822 472 195 0410/0440 NISSAN UD 410/440 For Single see MM33102	
Shuttle Valve for ISUZU Combination Relay		MM33219
	VALVE No. 1-48240-354 K72-00100 KBJ-CV	
SEALS Only for ISUZU K72-00100		MM33219/1
	SEALS ONLY For ISUZU K72-00100 Relay KNORR 1-48240-354 KBJ-CV	
Anticompound Valve for ISUZU FTR800		MM33221
	VALVE No. 1-48240-354 K72-00100 KBJ-CV	

ABS Modulator Unit		MM33222
	3541969C2 2 x SEALS Per KIT	

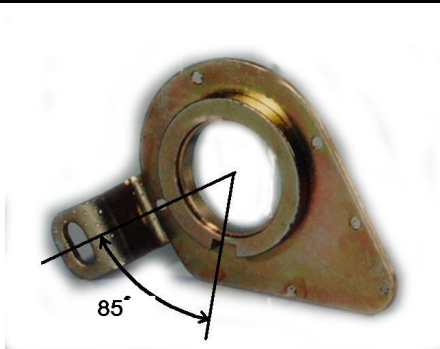
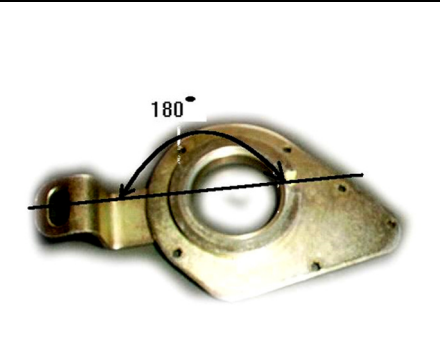


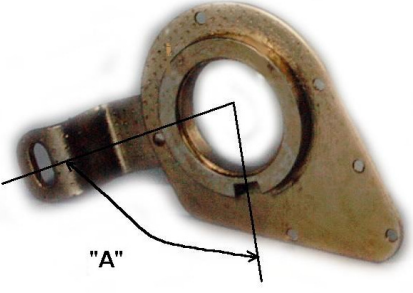
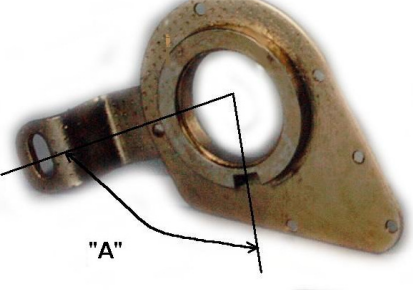
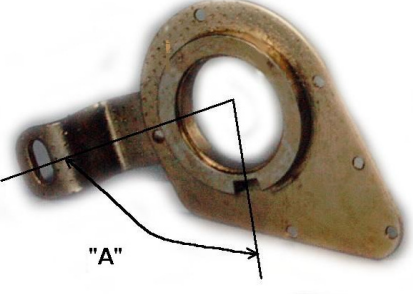
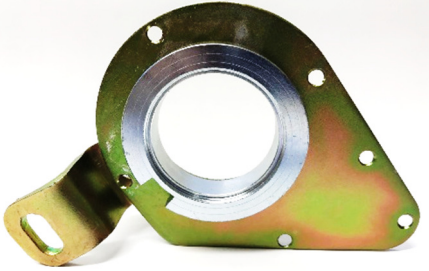
Worm Shaft		MM1263
		
Worm Wheel – Standard		MM22189
	26 Tooth Spline	
Worm Wheel – 1mm Oversize		MM22189/1
	26 Tooth Spline	
Control Plate – Short Arm (55°)		MM33001
	CASTING No. HALDEX 688 HALDEX 3071 HALDEX 3072 HALDEX 3878 HALDEX 3879	

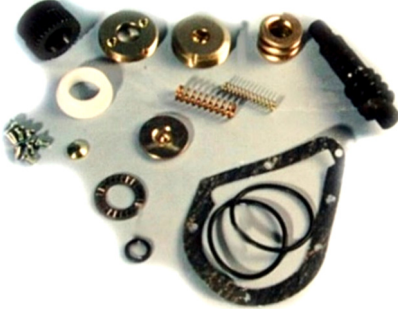
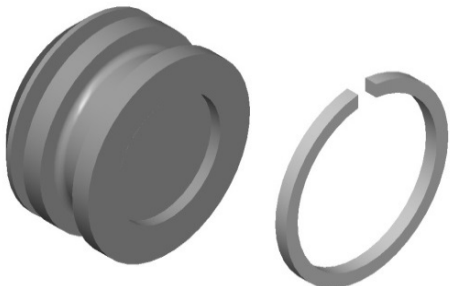


Control Plate – Long Arm (84°)		MM33001/1
	CASTING No. 3177 PT 566 HALDEX	
Control Plate – 90 Degree Arm (25°)		MM33001/2
	CASTING No. 10097	
Setting Machine		MM33001/3
	63mm Gauge Dial 0-6000 KPa Bottom Mount 1/4" BSPT (Tapered THD)	
Control Plate – Long Arm (170°)		MM33001/4
		



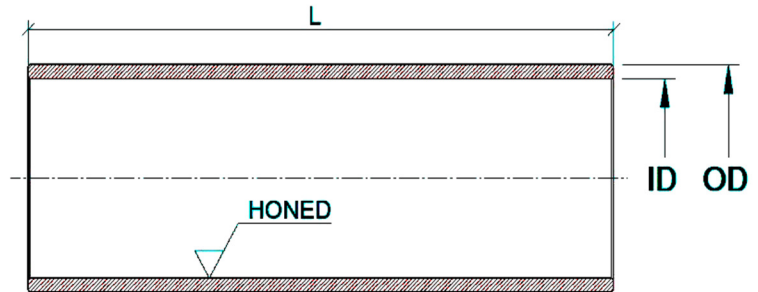
Control Plate – Short Arm (85°)		MM33001/5
		
Control Plate – Long Arm (180°)		MM33001/6
		
Control Plate – Extra Long (150°)		MM33001/7
Control Plate – Short Arm (Parallel Slot)		MM33001/8
	BPW Trailer Parts Supplied Loose Customer to set angle on Control Plate	

Control Plate Special – Short		MM33001 SPECIAL
	Any Orientation Specify Angle "A" and Specify Arm Type MM33001	
Control Plate Special – Long		MM33001/1 SPECIAL
	Any Orientation Specify Angle "A" and Specify Arm Type MM33001/1	
Control Plate Special - 90°		MM33001/2 SPECIAL
	Any Orientation Specify Angle "A" and Specify Arm Type MM33001/2	
Control Plate – Short Arm (18°)		MM33001 A
	565 Control Plate Slack Adjuster 3185 & 3186	

Major Repair KIT		MM33002
	76046	
Minor Repair KIT		MM33002/1
		
Major Repair KIT c/w Worm Shaft		MM33002/2
	76046	
CAT 231H Slack Adjuster – Mineral Oil		MM33182
	Includes O-Rings & Springs	

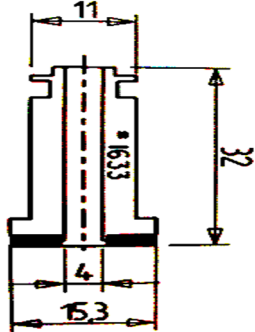
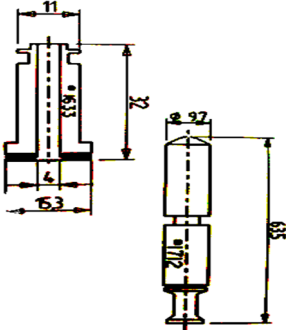
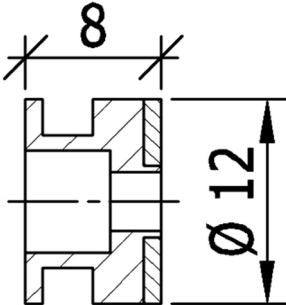
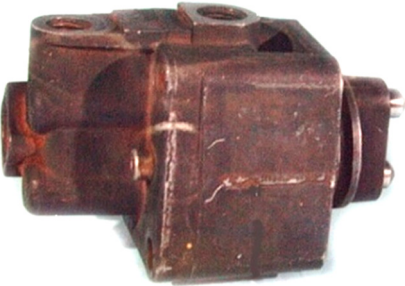
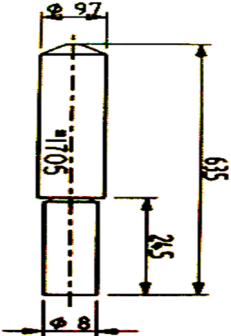


Sleeves (Cast Iron)

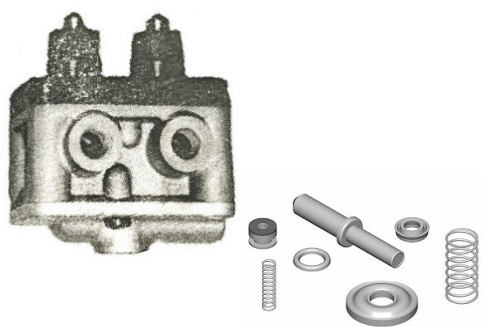
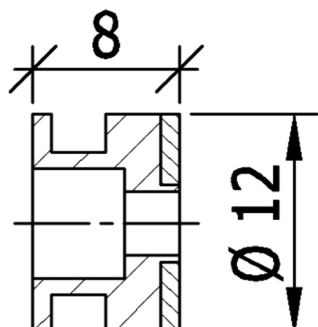
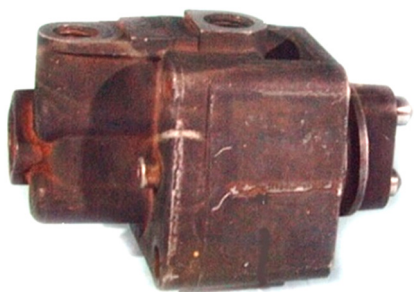
MM3191


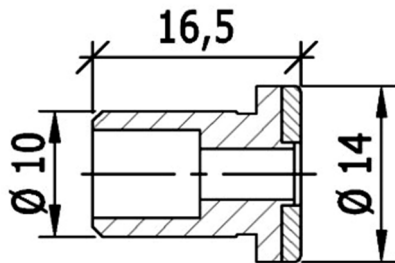
PART No.	DESCRIPTION	SIZE	Inside Diameter	Outside Diameter	Length
MM3191-1	HSCI 1375/1590	1 3/8"	34.93	40.3	139.7
MM3191-2	HSCI 1437/1590	1 7/16"	36.50	40.3	139.7
MM3191-3	HSCI 1500/1715	1 1/2"	38.10	43.5	139.7
MM3191-4	HSCI 1575/1777	40 mm	40.00	45.1	139.7
MM3191-5	HSCI 1625/1840	1 5/8"	41.28	46.7	139.7
MM3191-6	HSCI 1687/1840	1 11/16"	72.85	46.7	139.7
MM3191-7	HSCI 1720/1965	1.720"	43.69	49.7	114.3
MM3191-8	HSCI 1732/1965	44 mm	44.00	49.7	139.7
MM3191-9	HSCI 1750/1965	1 3/4"	44.45	49.7	139.7
MM3191-10	HSCI 1870/2090	47.5 mm	47.50	53	152.4
MM3191-11	HSCI 1875/2090	1 7/8"	47.63	53	152.4
MM3191-12	HSCI 2000/2225	2"	50.80	56.4	139.7
MM3191-13	HSCI 2106/2277	53.5 mm	53.50	57.8	139.7
MM3191-14	HSCI 2187/2360	2 3/16"	55.55	60	152.4
MM3191-15		44 mm	44.00	53	152.4
MM3191-16		1 7/16"	36.50	42.00	139.7
MM3191-17		2 1/8"	53.97	48.90	143.0
MM3191-18		33 mm	33.00	35.65	153.0
MM3191-19		36 mm	25.00	36.00	110.0
MM3191-21		46.8 mm	44.45	46.80	201.50
MM3191-22		45.1 mm	36.50	45.10	120.0
MM3191-23		43.5 mm	38.10	43.50	201.50
MM3191-24		45.1 mm	36.50	45.10	140.0

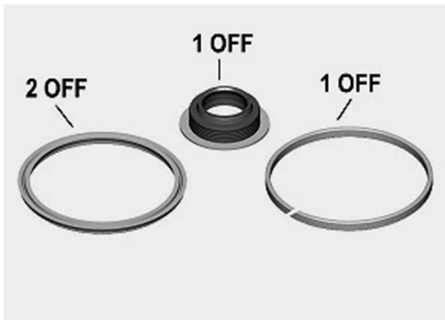
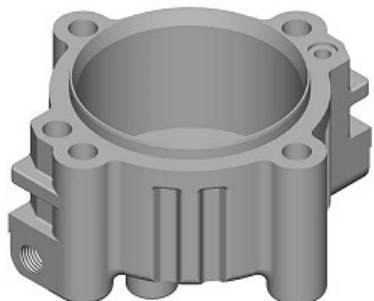
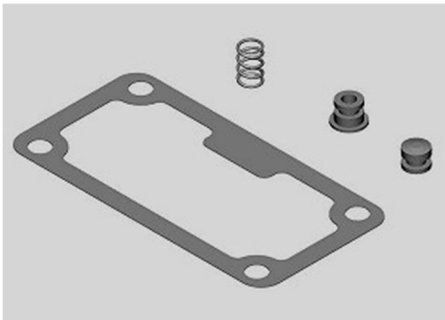
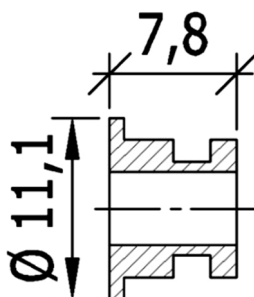
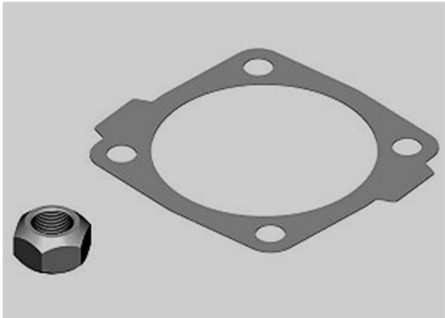


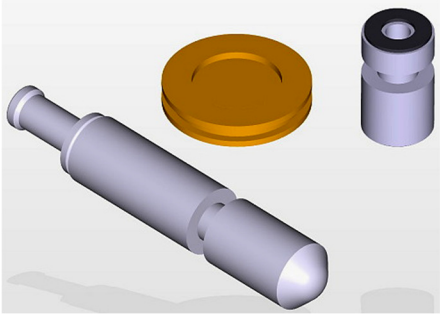
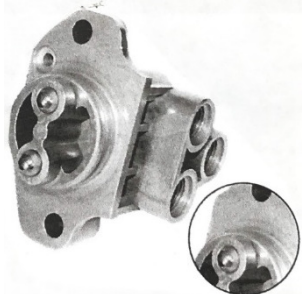
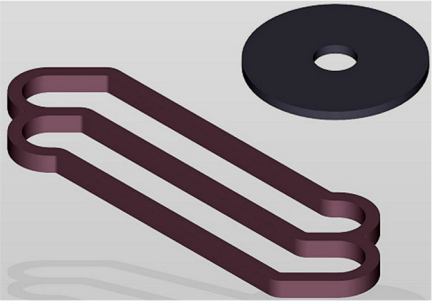
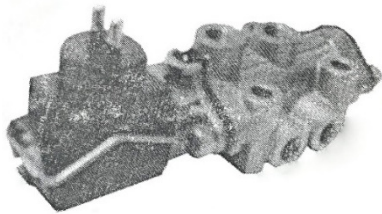
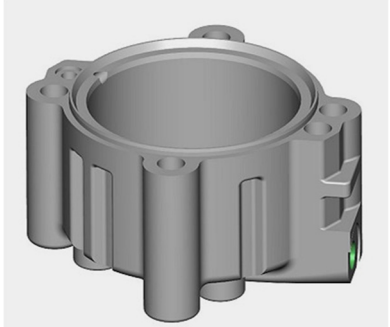
KNORR Splitter (Minor, No Shaft)		MM33048
	VALVE No. SV 3368 Alternate Part Numbers KNORR : SP 705	
KNORR Splitter (Major with Shaft)		MM33048/1
	VALVE No. SV 3368	
KNORR Splitter (No Shaft)		MM33061
	VALVE No. 3360	
KNORR Splitter (with Shaft)		MM33061/1
		

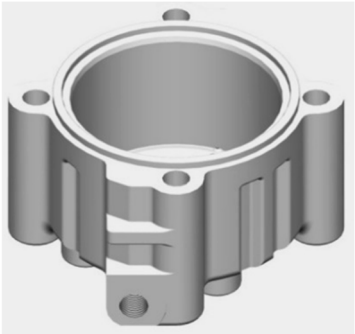
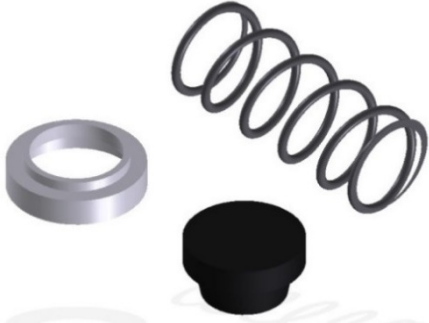


Splitter Valve		MM33071
	VALVE No. SV 3361 RL 1705 XA 2 of each ITEM Includes O-Rings	
KNORR Splitter Valve (Major with Shaft)		MM33072
	VALVE No. SV 3370	
KNORR Splitter Valve		MM33073
	Alternate Part Numbers SV 3367	
WABCO POWERLINER Exh. Splitter		MM33074
	VALVE No. 463013/012 Alternate Part Numbers WABCO : 465 013 2000	

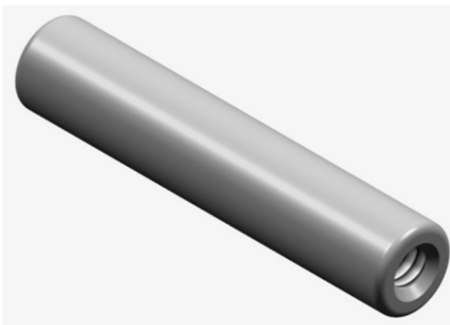
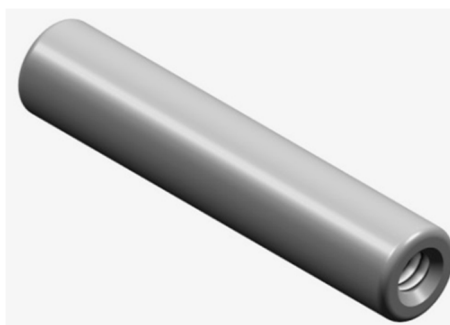
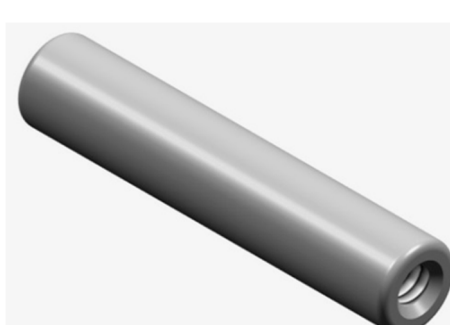
KNORR Splitter Valve		MM33075
	VALVE No. SV 3371	
WABCO Splitter Valve		MM33085
		
WABCO Splitter Valve		MM33088
	VALVE No. 463 063 000 2	
WABCO Splitter Valve		MM33114
	VALVE No. 463 046 014 6	

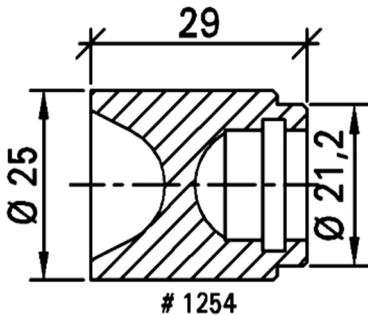
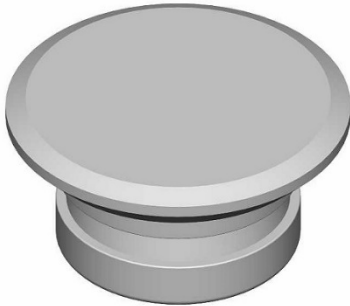
MERC ZF Gearbox Splitter		MM33127
	AIR Only Includes O-Rings	
ZF Gearbox Splitter Housing		MM33127/1
	POT Size Inside Diameter - 90mm	
Splitter Valve Repair KIT		MM33129
	KIT No. K 1699 EATON FULLER A5000 Original Includes O-Rings	
Splitter Valve Ring KIT		MM33129/1
	KIT No. K 1450 Includes O-Rings	

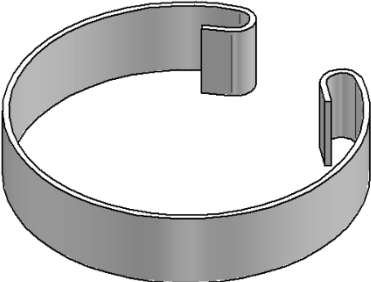
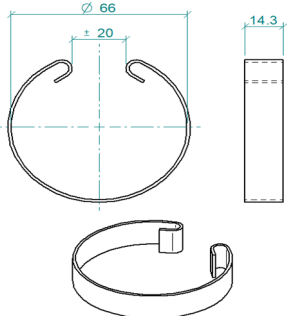
KNORR BREMSE 2 Pin Splitter Valve		MM33145
	VALVE No. A 002260 3057 ACTROS AXOR VIELMETTER 12/90 33V1 0350 2 of each ITEM Includes O-Rings	
SCANIA Splitter Valve		MM33150
	VALVE No. 1488083 Includes O-Ring	
MAN ZF Gearbox Splitter Housing F2000		MM33156
	POT Size Inside Diameter – 90mm For SEAL see MM33156/1	
Seal KIT for MM33156		MM33156/1
	MAN F2000 DAF	

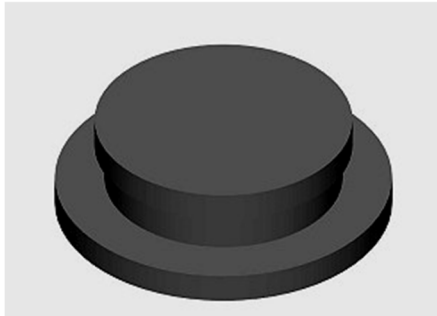
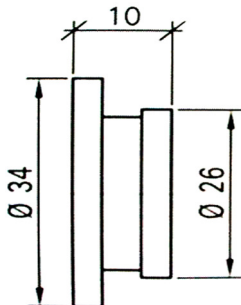
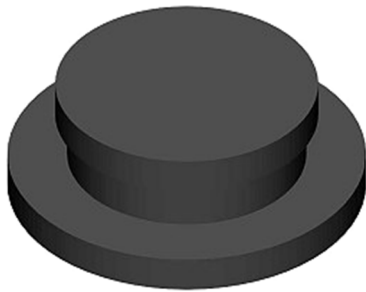
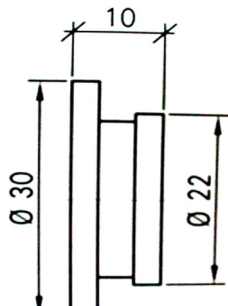
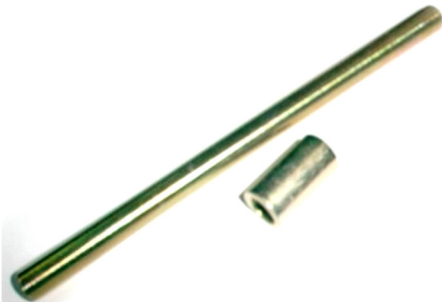
MAN Gearbox Splitter Housing		MM33172
	ZF PART No. H 1315 POT Size Inside Diameter – 90mm Use KIT MM33156/1 434056	
DAF Gearbox Control Valve		MM33197
	WABCO : 463 022 0200	

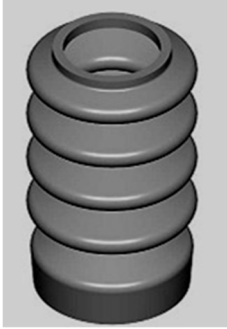


Centre Shaft (Ø 15.98) – 76mm		MM1202
	Anchorlock 76mm For end plates MM1687 & MM1687/1	
Centre Shaft (Ø 15.98) – 79mm		MM1202-2
	Long Stroke 79mm For end plates MM1687 & MM1687/1	
Centre Shaft (Ø 15.98) – 94mm		MM1202-3
	Extra Long Stroke 994mm For end plates MM1687 & MM1687/1	
Centre Shaft (Ø 15.98) – 100mm		MM1202-4
	Extra Long Stroke 100mm For end plates MM1687 & MM1687/1	

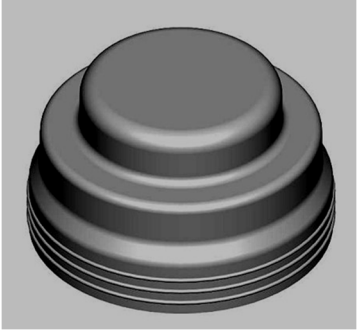
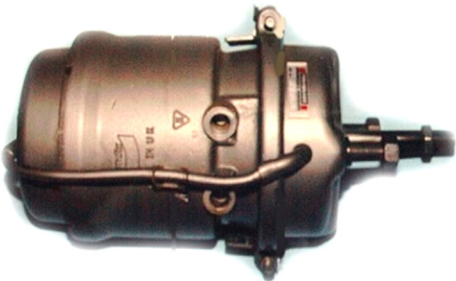
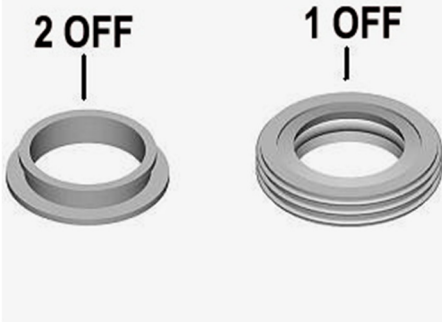
BZ 6621 Spring Brake Piston		MM1254
		
Tristop Top Cap		MM1293
		
KNORR Spring Brake Shaft – Pull Type		MM1376
	SZ 1704	
MAN Booster Neckseal (BZ)		MM1518
	Neckseal KIT Outside Diameter – 45.5 Inside Diameter – 35.5 Length - 28 Includes Neckseal & O-Rings	

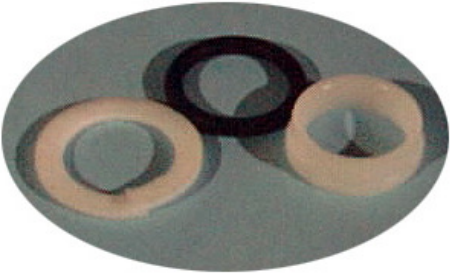
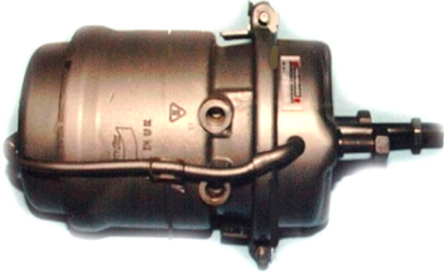
MAN Booster Neckseal (BZ)		MM1518/1
	Neckseal O-Ring KIT Outside Diameter – 45.5 Inside Diameter – 35.5 Length - 28 Includes O-Rings Only	
MAN Booster Neckseal (BZ)		MM1518/2
	KNORR Tristop Neckseal KIT Outside Diameter – 45.5 Inside Diameter – 35.3 Length - 20 Includes Neckseal & O-Rings	
End Plate for MM1202		
	Diameter = 47	MM1687
	Diameter = 53	MM1687/1
	Alternate Part Numbers A.S.A. : 5943	
KNORR BREMSE Spring for BZ 7222		MM1734
		

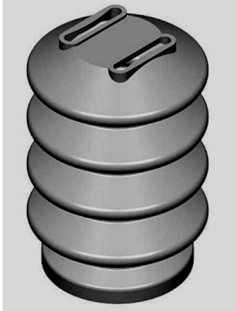
Grommet Anchorlock 24/30		MM1766
		
Grommet Anchorlock 24/30 Booster		MM1767
		
Insert for Brake Booster		MM1810
		
Push Rod Extension – 250mm		MM1814
		

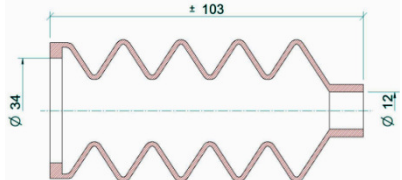
Boot for MM3097		MM2080
		
Japanese Spring Brake – 4 Stud		MM22205
	TOYOTA / HINO	
Rubber Boot for Maxi Spring Brake		MM22426
	Alternate Part Numbers A.S.A. : 5803 W/H : 651010 1 per KIT	
Japanese Spring Brake – 2 Stud (Maxi Type)		MM22427
	Double “O” Ring	MM22427/1
	Alternate Part Numbers A.S.A. : 9194 W/H : 61005-M	

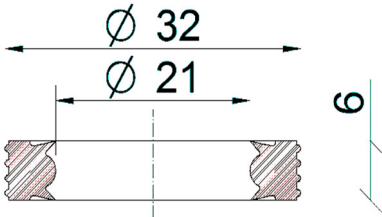


MGM Dust CAP		MM22435
	Alternate Part Numbers A.S.A : 5941	
MGM Piston Type 30		
	Without Circlip	MM22470
	Complete with Circlip	MM22470/1
	Alternate Part Numbers BENDIX : SK 2758/2 W/H : 651003	
MGM Piston Type 24		
	Without Circlip	MM22472
	Complete with Circlip	MM22472/1
	Alternate Part Numbers BENDIX : SK 2759/2 W/H : 651002	
MGM Anchorlock Type Centre Seal		MM22491
	Double Diaphragm	
	Alternate Part Numbers A.S.A. : 5948 Includes O-Rings	

BERG Spring Brake Centre Seal		MM33006
	O-Ring Size : 15.5 x 2.6	
MGM Centre Seal c/w Centre Shaft		MM33011/1
		
MGM Centre Shaft		
	Length = 94mm	MM33011
	Length = 110mm	MM33011/2
MGM End Plate		MM33011/3
	50.8 x 12 x 5	

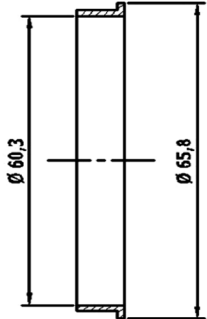
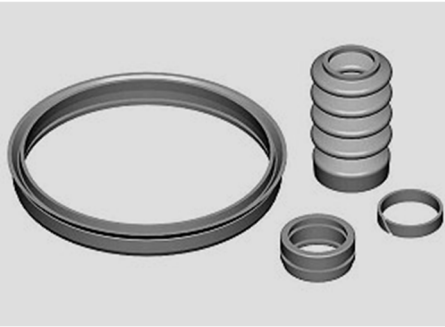
Anchorlock Rubber Boot & Plate		MM33031
	Alternate Part Numbers A.S.A. : 5936	
TRISTOP Boot - Rubber		
	With 1 x Hole	MM33031/1
	With Small Plate	MM33031/2
	Alternate Part Numbers 897 750 980 4	
Rubber Boot		MM33031/3
	1 x Per KIT	
WABCO TRISTOP Type 24		MM33034
	VALVE No. 925 324 *** 0 925 321 *** 0 Universal 890 110 347 0 890 110 350 0 Alternate Part Numbers A.S.A. : 5704 925 320 001 2	

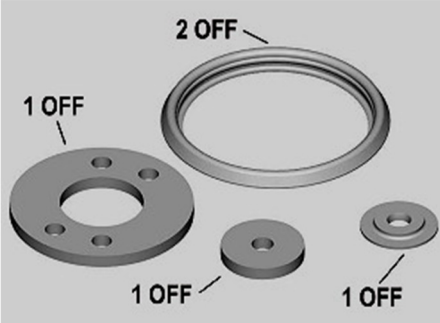
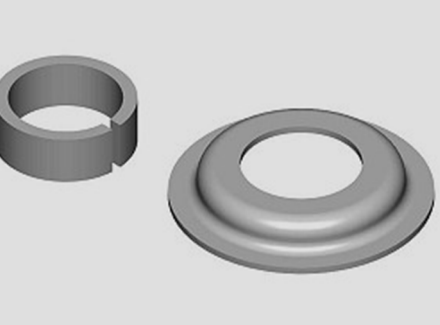
Rubber Boot		MM33034/1
		
WABCO TRISTOP Type 30		MM33035
	VALVE No. 925 322 *** 0 Universal 890 110 353 0 Alternate Part Numbers A.S.A. : 5703 925 320 002 2	
CLAYTON Spring Brake Type 24 - LEYLAND		MM33036
		
CLAYTON Spring Brake Type 30 - LEYLAND		MM33037
		

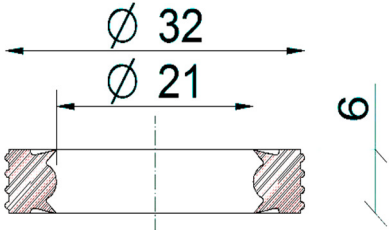
WABCO TRISTOP Type 20		
	Split Rings	MM33054
	No Split Rings	MM33054/1
AFRESAN Spring Brake Centre Seal		MM33057
	O-Ring Size : 15 x 3.0	
MGM "G" Type 30 VOLVO		MM33063
	VALVE No. MGM 4130055	
Centre Shaft		MM33063/1
	Diameter = 22mm Length = 104mm	

CLAYTON DEWANDRE 16/20 Spring Brake		MM33080
		
WABCO Spring Brake #24		MM33087
	MERCEDES POWERLINE BOOSTER No. 925 424 1000 26 925 424 1000 29 ACTROS Alternate Part Numbers WABCO : 925 420 0042	
WABCO Spring Brake 30-30		MM33087/1
	VALVE No. 925 432 4100 925 492 9030	
SPRINGBRAKE #24		MM33087/2
	VALVE No. 925 431 0330	



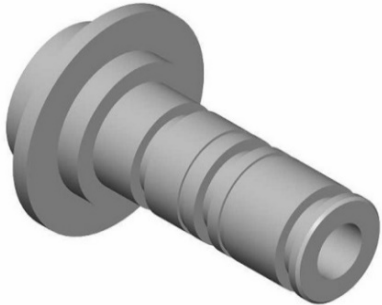
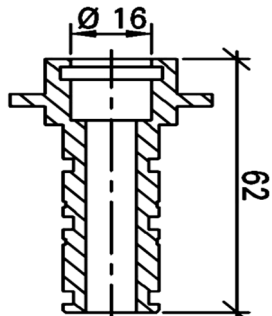
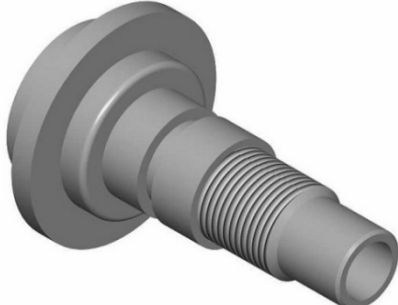
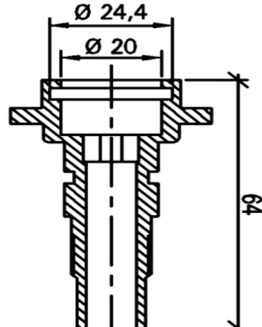
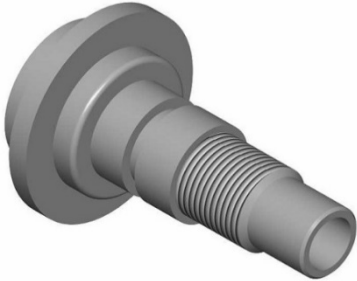
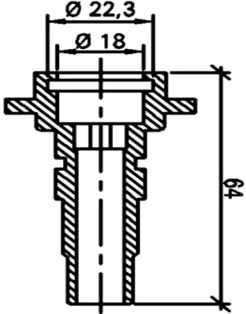
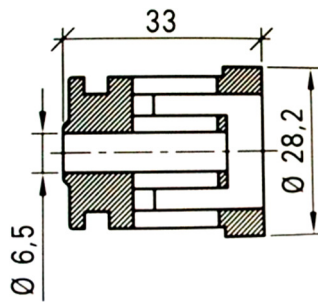
SPRINGBRAKE Centre Seal #24 & #30		MM33087/3
		
JIDOSHA KIKI Brake Actuator		MM33092
	VALVE No. 248 00413 1928	
MGM Booster O-Rings		MM33096
	O-Ring Size : 15 x 2.5	
KNORR BREMSE MERCEDES TRISTOP 24		MM33097
	KIT No. I-742620051 VALVE No. BZ 7311-I73649 BZ 7316 BZ 7420 Includes O-Rings	

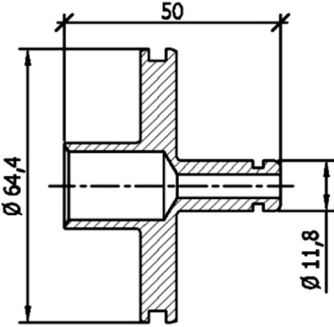
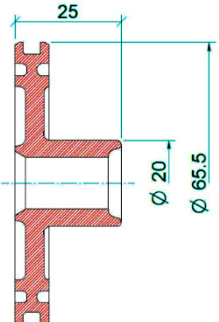
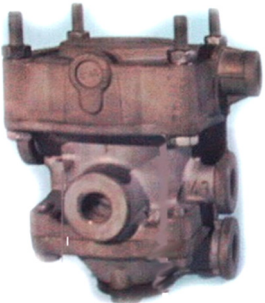
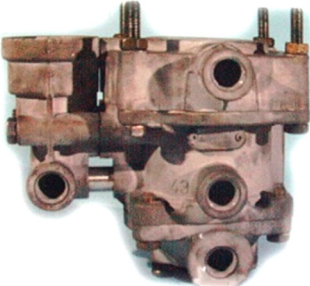
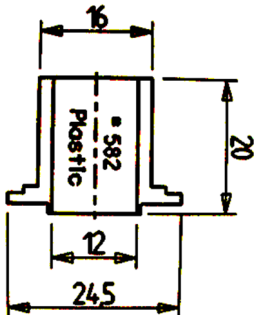
BELL Actuator	MM33110
	KIT No. 421305002 BOOSTER PART No. 4213051470 SEAL Outside Diameter = 150mm Height = 16
MAXI #50 Booster	MM33117
	KIT No. KSC 50 BBC 175 NN Includes O-Rings
MES 24/30 Booster	MM33119
	Includes O-Rings
BOSCH TRISTOP Booster #24	MM33140
	VALVE No. 0482 512 001 KIT No. 1487 010117 Includes O-Rings

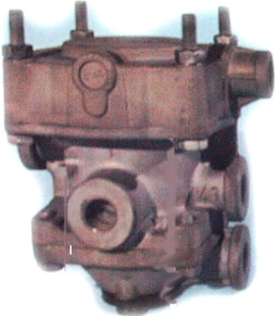
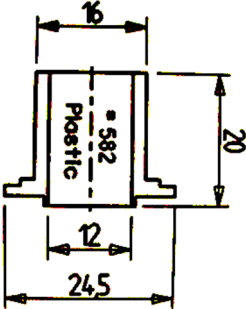
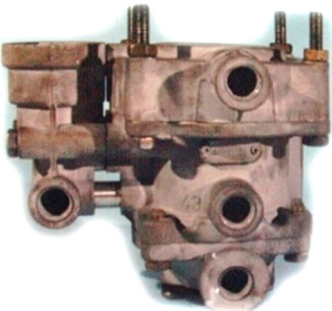
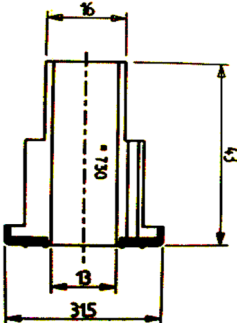
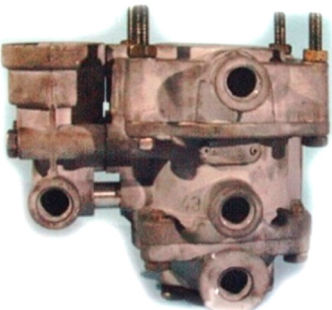
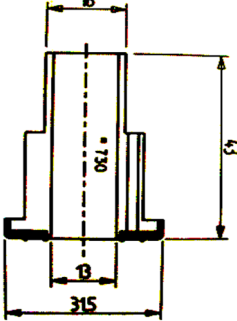
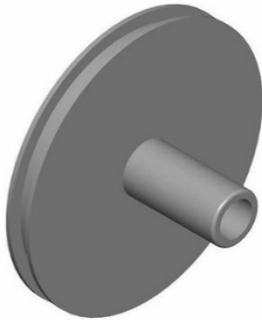
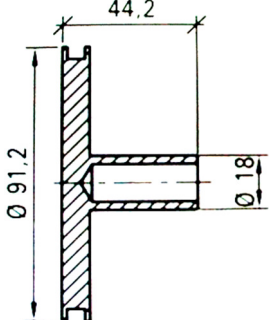
WESTERN STAR Type 36 Spring Brake		MM33184
		
BOSCH Pull Type Spring Brake		MM33189
	#1 487 010 189 FOR 0482 074 002/3 482 075 010 148283068 130mm Seal	
Diaphragms – Type 16		MM33029
	Alternate Part Numbers WABCO : 897 120 510 4 W/H : 615005 MAXI : 234189-M	
Diaphragms – Type 20		MM33030
	Alternate Part Numbers WABCO : 897 120 520 4 W/H : 615006 MAXI : 234009-M	

Diaphragms – Type 24		MM33007
	Alternate Part Numbers WABCO : 897 120 530 4 W/H : 615007 MAXI : 234100-M	
Diaphragms – Type 30		MM33008
	Alternate Part Numbers WABCO : 897 120 540 2 W/H : 615008 MAXI : 234101-M	
Diaphragms – Type 30 (Deep Dish)		MM33008-1
		



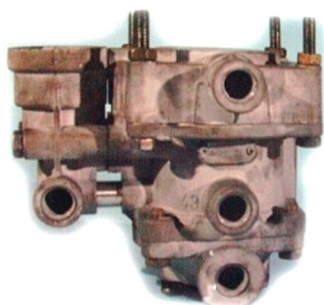
Piston for BOSCH Trailer Control		MM1565
	VALVE No. 041 061 010 NO THREAD For KIT see MM22459	
Piston for BOSCH/VOLVO Valves		MM1565/1
	WITH THREAD	
Piston for BOSCH Trailer Control		MM1565/2
	VALVE No. 0481 061215	
Plastic SEAL for Trailer Hand Brake		MM2024
		

ACTROS Trailer Control Air Piston		MM2614
		
WABCO ACTROS Trailer Control EBS		MM3334
	New Generation ACTROS / NISSAN / DAF AIR PISTON 480 204 002 0 For KIT see MM33131	
BOSCH w/o Dump		MM22215
	VALVE No. 0481 061 024 0481 061 025 Alternate Part Numbers BOSCH : 1487 010 171 A.S.A. : 5781 W/H : 657011-M	
KNORR w/o Dump		MM22281
	VALVE No. AB 2762 AB 2767 Alternate Part Numbers KNORR : I 77065 W/H : 657009-M	

KNORR		MM22283
	VALVE No. AB 2762 AB 2772	
KNORR with Dump		MM22308
	VALVE No. AB 2795 AB 2797 AB 2817 Alternate Part Numbers KNORR : I 85063 A.S.A. : 6319 W/H : 657006-M	
KNORR c/w SEAT		MM22308/1
	VALVE No. AB 2795 AB 2797 Alternate Part Numbers KNORR : I 85063 A.S.A. : 6349 W/H : 657006-M	
KNORR BREMSE Inner Piston		MM22308/2
		

BOSCH with Dump

MM22335



Large Piston – Stem = 18mm

VALVE No.

0481 061 214

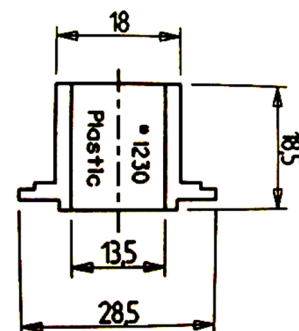
0481 061 215

Alternate Part Numbers

BOSCH : 1487 010 207

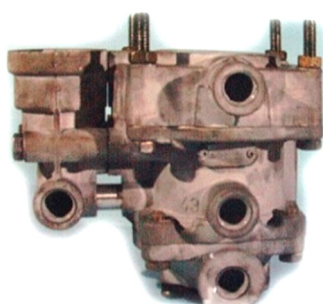
A.S.A. : 6549

W/H : 657005-M



BOSCH VOLVO

MM22335/1



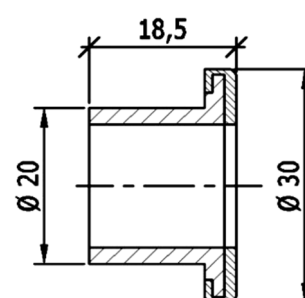
Stem = 20mm

Alternate Part Numbers

BOSCH : 0481 061 209

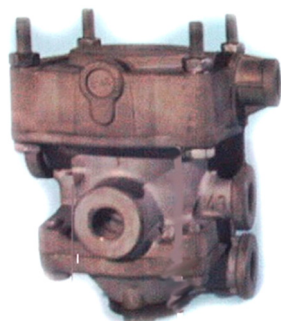
VOLVO : 1607887

KNORR : AB 2835



BOSCH w/o Dump

MM22413



VALVE No.

0481 061 005

0481 061 006

0481 061 012

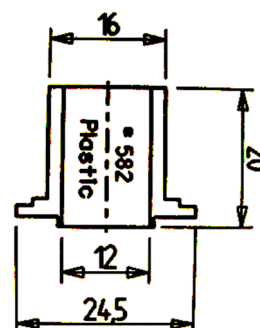
0481 061 013

Alternate Part Numbers

BOSCH : 1487 010 167

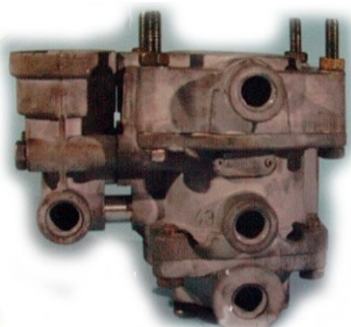
A.S.A. : 6212

W/H : 657004/M



BOSCH with Dump (Small Piston)

MM22459



VALVE No.

0481 061 214

0481 061 215

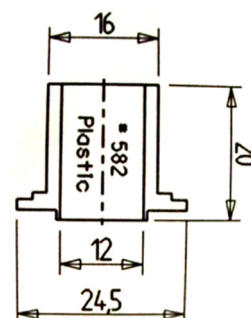
For PISTON see MM1565

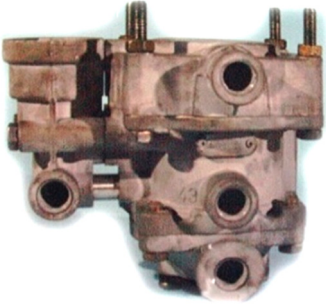
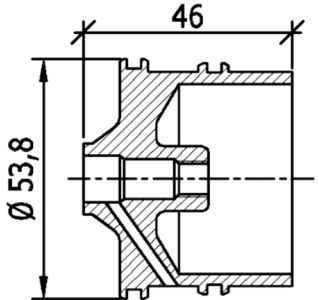
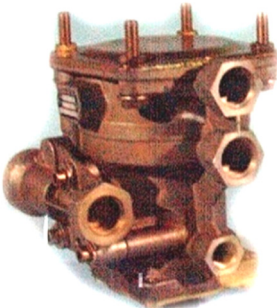
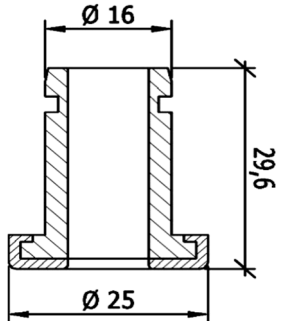
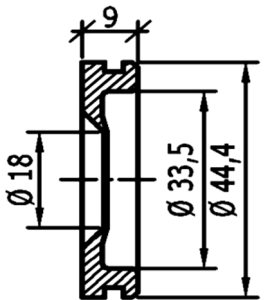
Alternate Part Numbers

BOSCH : 1487 010 168

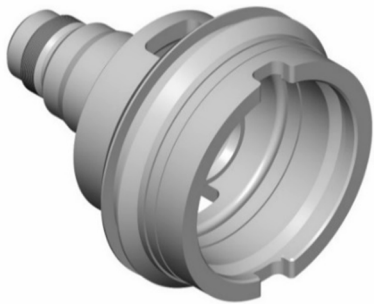
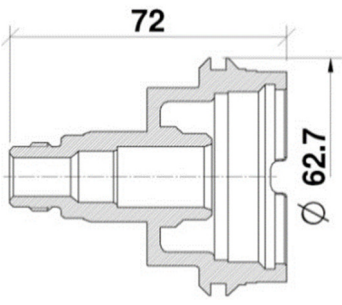
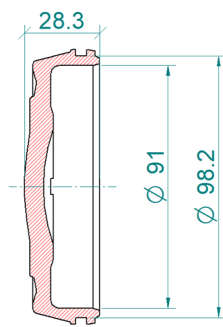
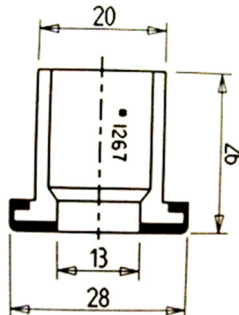
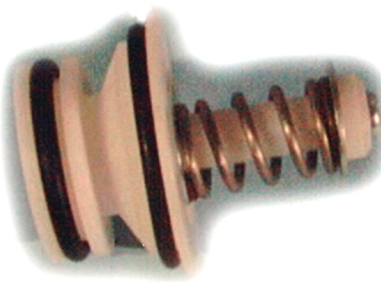
A.S.A. : 6209

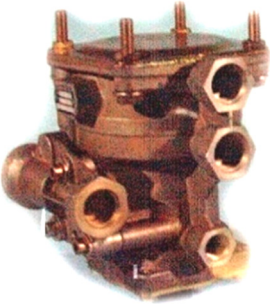
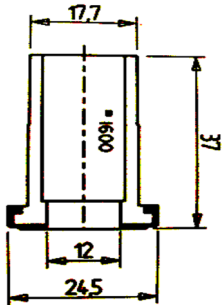
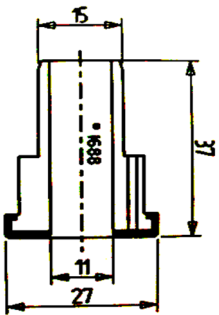
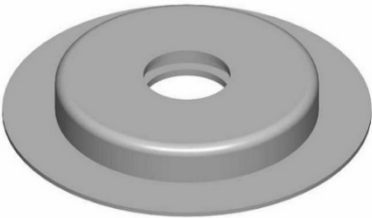
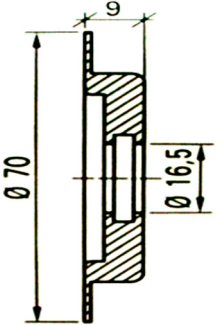
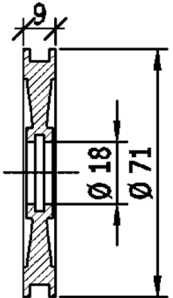
W/H : 657003-M



WABCO with Dump		MM22471
	VALVE No. 973 002***0 With PISTON MM22471/1 Alternate Part Numbers WABCO : 973 002 00* 2 A.S.A. : 5741 W/H : 657002-M	
Piston for MM22471		MM22471/2
		
WABCO SK Range		MM33044
	VALVE No. WABCO 973 009 000 2 WABCO 973 009 001 0 WABCO 973 009 006 0 WABCO 973 009 010 0 FUSO 973 009 014 0 VOLVO/DAF 973 009 015 0	
Plastic Seat for MM33044		MM33044/1
		

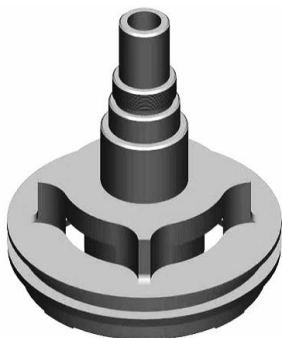


Piston for MM33044		MM33044/2
	POWERLINE & SCANIA	
End CAP for MM33044		MM33044/3
		
Japanese t/p – FULL KIT		MM33045
	For PISTON ONLY – MM33045/1	
GRAU t/p Dump Piston (POWERLINER)		MM33046
	VALVE No. 355 071 001	

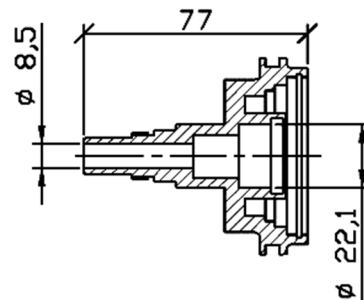
KNORR with Dump		MM33052
	New Generation VALVE No. AB 2840 Alternate Part Numbers KNORR : I 93362/008	
BENDIX with Dump ERF		MM33058
	VALVE No. KY 1732/2 KY 2106/5 3/8 PORTS Alternate Part Numbers BENDIX : SK 2872/1	
BENDIX Trailer Control Cover Plate		MM33058/1
		
BENDIX Trailer Control Piston		MM33058/2
	For KIT see MM33058	

BENDIX Trailer Control Main Piston

MM33058/3

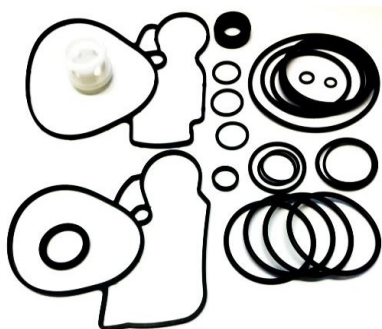


For KIT see MM33058



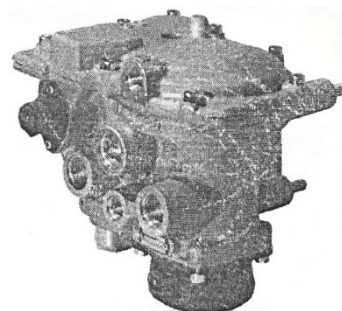
WABCO ACTROS Trailer Control Valve

MM33131



VALVE No.
480 204 001 0 NISSAN
UD440/460
4 802 040 020
IVECO

For PISTON see MM3334
For FILTER CAP see MM33131/1



Filter CAP for WABCO ACTROS Trailer Control Valve

MM33131/1



Filter CAP for MM33131

Filter CAP for WABCO ACTROS Trailer Control Valve

MM33131/1 SPLIT



Filter CAP for MM33131
With 4 Spits

CAP for WABCO ACTROS Trailer Control Valve

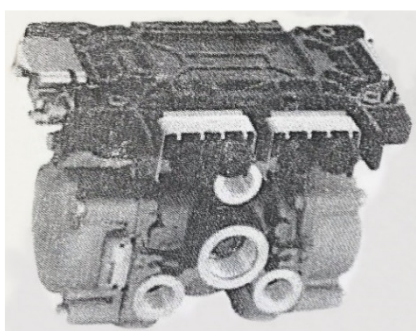
MM33131/2



CAP for MM33131

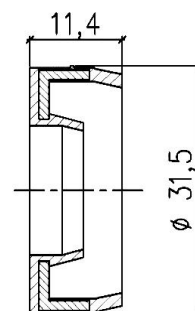
WABCO ABS/Modulating Trailer Control Valve

MM33160



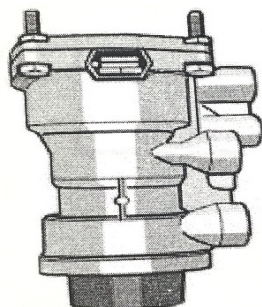
VALVE No.
400 500 0810
Double Piston with K SEAL
480 104 020 / 30 / 40
AXOR Modulator VALVE
461 513 000
480 105 0040 / 70

Includes O-Rings



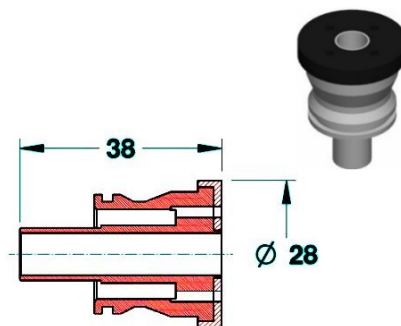
KNORR BREMSE DAF Trailer Control

MM33166



AC596A / AC599A
76615101 / 76614702

AXOR
AC597A
IVECO
AC597E
For PISTON see KIT MM33166/1
Includes O-Rings



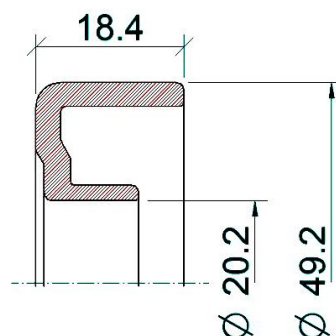
KNORR BREMSE DAF Trailer Control Piston

MM33166/1



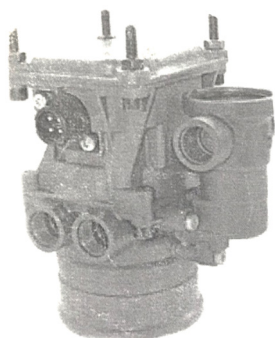
AC599A

For KIT see MM33166



MAN TGA Trailer Valve with Dump (EBS)

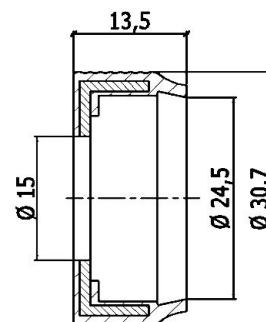
MM33175



VALVE No.
81.5230.16.206
486 205 011
486 205 022
815 2301 6212

For PISTON see KIT MM33175/1

Includes O-Rings

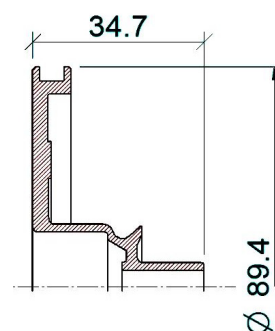


MAN TGA Trailer Valve with Dump (EBS) Piston

MM33175/1



For KIT MM33175



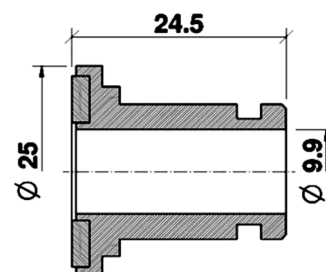
HALDEX Trailer Control Valve

MM33177



VALVE No.
355 094 001
AXOR A000431
9513/002 (M/BENZ)

Includes O-Rings & SEALS



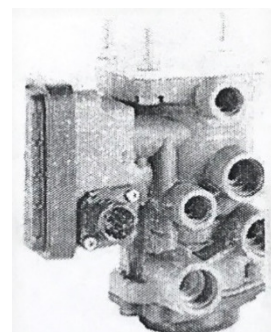
KNORR BREMSE Trailer Control Modulator

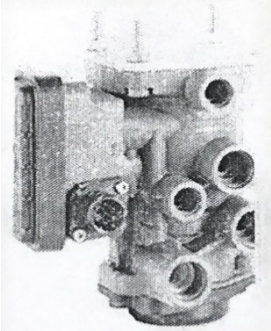
MM33205



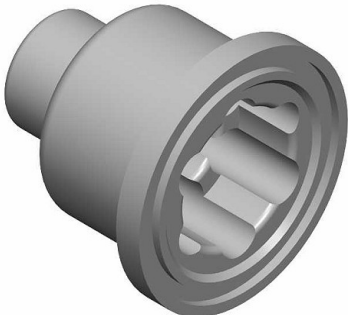
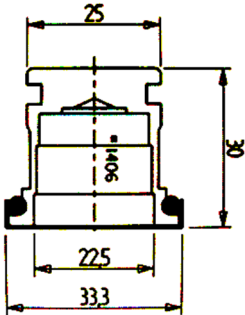
MAN TGA
PART No.
K020623N50
K000917
815 2301 6213

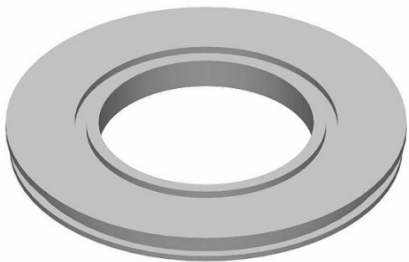
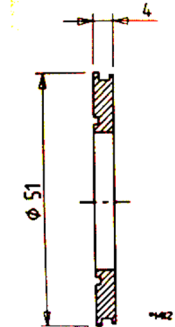
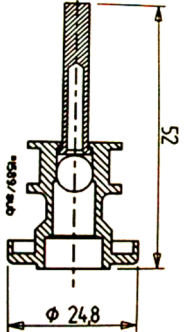
For PISTON see KIT MM33205/1



Piston for MM33205		MM33205/1
	MAN TGA PART No. K020623N50 K000917 815 2301 6213 For KIT see MM33205	



WABCO Unloader – New Generation		MM22311
	VALVE No. 975 303***0 Alternate Part Numbers WABCO : 975 303 001 2 A.S.A. : 5698 W/H : 661004	
Base CAP for Unloader		MM22311/2
		
WABCO Unloader – Old Generation		MM22493
	VALVE No. 975 300*** * Alternate Part Numbers WABCO : 975 300 000 2 A.S.A. : 5245 W/H : 661001-M	
BOSCH Unloader – New Generation		MM33033
	VALVE No. 0481 039 209 Alternate Part Numbers BOSCH : 1487 010 165 A.S.A. : 6409	

BOSCH Seat Disc for Unloader		MM33033/1
		
KNORR Unloader		MM33049
	VALVE No. DR 3500-3548 Alternate Part Numbers KNORR : I 87546	
KNORR BREMSE Unloader Valve		MM33076
	VALVE No. DR 3200	