brembo Racing

2009

SUMMARY

INSTRUCTION FOR INSTALLATION AND USE 3

CALIPERS 11

CAST IRON DISCS 73

DISC ASSEMBLIES 105

CAST IRON DISC FIXINGS 107

PADS 111

CARBON DISCS AND PADS 117

CARBON DISC FIXING 123

MASTER CYLINDERS & RESERVOIRS 125

PEDAL BOX 131

TYPICAL BRAKE SYSTEMS 133

BRAKE FLUID 159

TEMPERATURE RECORDS 163

DISCLAIMER OF WARRANTY

Brembo's "racing" products are designed and manufactured to be used exclusively in competitions and, therefore, shall not be used on public roads. Thus, Brembo shall not have any liability whatsoever in connection with the use of the products in violation of such limits and/or in connection with the normal wear and tear of such products, nor shall any "Product Liability" apply in such cases. Any alteration of or tampering with the "racing" products may endanger their safety and any guarantee (concerning both contractual and tortuous liability) given by Brembo in respect of the products will be terminated by any such
alteration or tampering.

INSTALLATION AND MAINTENANCE

Brembo's "racing" products shall be installed by highly qualified and competent professionals working in the "racing' field, who have been specifically trained to operate such kind of products. The "racing" products shall be submitted to periodical maintenance. Detailed instructions for both installation and maintenance of such
products are set forth in the Racing Catalogue. Thus, Brembo shall not have any liability whatsoever in connection with Client's failure to comply with the instructions set forth in the Racing Catalogue and/or in connection with their inappropriate and/or incorrect installation on vehicles and/or with the lack of or incorrect maintenance of such products, nor shall any "Product Liability" apply in such cases.

CONDITIONS OF USE

The Clients acknowledge and accept that due to the particular operative and environmental conditions under which the racing products operate during competitions, such products may be subject to use under extreme conditions, which may exceed the project limits and control as set by Brembo. Thus, Brembo shall not have any liability whatsoever in connection with the use of the "racing" products under extreme conditions during the competitions, nor shall any "Product Liability" apply in such case.

LIMITS TO CONTRACTUAL GUARANTEES

Brembo guarantees that the "racing" products are manufactured with high quality materials and in accordance with Brembo's "racing" products quality standards. Should the Client, having received the "racing" products. notice either an apparent or a hidden defect, he shall communicate it in writing to Brembo within 8 (eight) days from the date of their delivery. The Client shall, at his own expense, deliver the defective
products freight prepaid to Brembo, Mooresville, NC. Only in case a defect has actually been ascertained by Brembo's quality control office, the defective parts of the "racing" products will be replaced. In any event, Brembo's liability, as well as the liability of its agents and/or distributors and/or any other brokers shall not exceed the sale price of the "racing" producers. The guarantee shall not apply in case the "racing" products have not been installed and maintained in accordance with the instructions set forth in the Racing Catalogue. Brembo's liability shall not exceed the limits set forth in this paragraph and no further guarantee, neither express nor implied, which may determine an extension of such liability, is hereby given. Except upon Brembo's express written authorization, none of its agents and/or distributors and/or other brokers are authorized to give further guarantees other than those provided for in these conditions.

INSTRUCTION FOR INSTALLATION AND USE

PURPOSE

To show the correct procedures for the mounting and use of BREMBO braking systems for racing cars, with cast-iron brake discs.

RESERVOIR

CHOICE OF THE RESERVOIR

The capacity of the reservoir must be such that when the brake fluid is between the MIN and MAX levels the volume is at least equal to that required by the brake pistons stroke in case of maximum pad and rotor wears.

MOUNTING OF THE RESERVOIR

a. Use the pipe fittings and the washers (in copper or in rubber) foreseen by the supplier of the reservoir.
b. In order to avoid any vacuum inside the reservoir, as a consequence of the brake fluid level lowering, it is always necessary to have a hole diam. 1 mm in the reservoir cap, independently from the presence of the bellows diaphragm in the reservoir.

MASTER-CYLINDER

CHOICE OF THE MASTER CYLINDER

a. The master cylinder diameter must be chosen in function of the type of calipers which have to be fed, of the brake pedal ratio and of the max pressure we want to obtain: every variation of the master cylinder diameter involves an increase or a decrease of the master cylinder area of about 15%.
b. The rubber boot, between the push rod and the hydraulic part, must always be assembled.

BRAKE PEDAL MECHANISM (SYSTEM CONTROLLED BY 2 MASTER CYLINDERS)

a. The brake pedal mechanism must be designed and manufactured in order to allow a complete stroke of both master cylinders. In case of systems where the strokes of the two master cylinders are very different from each other, it is necessary that the rod connecting the two push rods be at the appropriate angle.
b. For a more linear operation of the brake pedal/master-cylinder mechanism, it is important that the distance between the pedal fulcrum and the push rods is equal or greater than 40 mm (see Fig. 1a).
c. Furthermore, it is also important that in the rest position, the rod axle is placed back of 10 - 12mm compared to the fulcrum axle.
d. Check that in the rest position the rod connecting the two push rods is perpendicular to both push rods.
e. Check that between the joints of the rod connecting the two push rods and the pedal there is a clearance of at least 1 mm each side, in order to allow the eventual inclination of the rod compared to the push rods axle (see Fig. 1b).

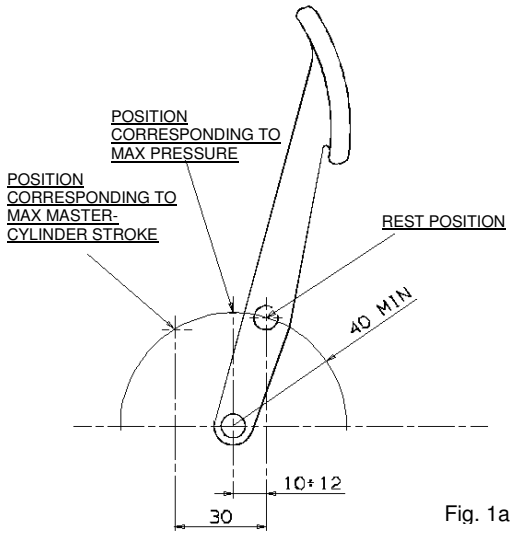


Fig. 1a

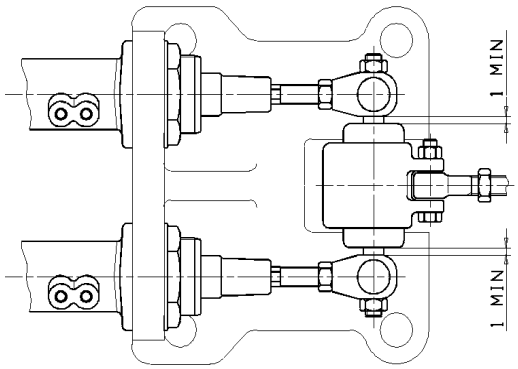


Fig. 1b

BRAKE DISCS

ASSEMBLY OF BELL AND DISC

a. Clean the cast iron braking ring, eliminating every trace of grease or oil.
b. Mount the bell on the braking ring using the BREMBO mounting bush system (the assembly of the bell on the disc must be carried out without any interference).
c. Check that the "floating" is correct, that the axial clearance between braking ring and bell meets the values prescribed by Brembo.

ASSEMBLY OF THE COMPLETE DISC ON THE WHEEL HUB

a. Verify that the disc bell and wheel hub mounting faces are free from burrs and dents; otherwise these surfaces should be reconditioned.
b. The disc must fit onto the wheel easily.
c. Apply thermal paints on the disc external diameter (included the eventual fins and pillars) in order to monitor operating temperature.

INSPECTIONS

a. Check that the disc clearance is the one prescribed by Brembo, even after assembly on the car.
b. Check before and after the use that the disc doesn't touch in any part of the caliper.

CALIPERS

MOUNTING

a. The caliper fixing to the upright can be carried out with bolts or with gauged stud bolts and nut; this system allows a more rigid fixing and it is recommended for all the applications on calipers with the radial fixing.
b. Mount the caliper onto the knuckle such that the arrow marked on the inner half-caliper corresponds to the forward direction of rotation of the brake disc (the disc must enter the caliper through the side corresponding to the smaller piston and exit through the other side corresponding to the larger piston).
c. The caliper must be mounted in a symmetrical position with respect to the disc center line: the difference between the dimensions "a" and "b" must be 0,6 mm MAX (see fig. 2).

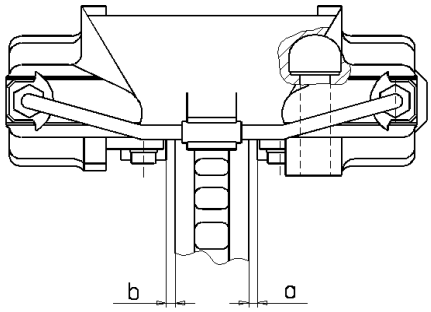


Fig. 2

d. The disc and pads protrusion must be 0,3 mm MAX (see Fig. 3 and Fig. 4).

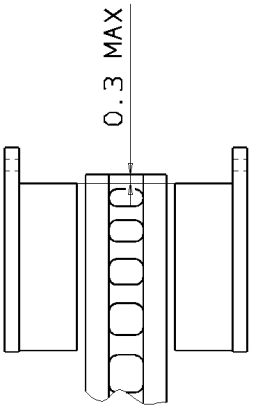


Fig. 3

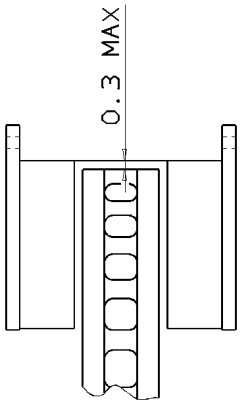


Fig. 4

e. Check that in no working condition the pads touch the disc fixing bell or the upright.
f. Assembly and disassembly of the pads must occur without any force; the pads radial and lateral clearance inside the caliper must be 0,2 mm MIN; with the pistons in backward position, the clearance between them and the back plate must be 0,5 mm MIN (see Fig. 5).

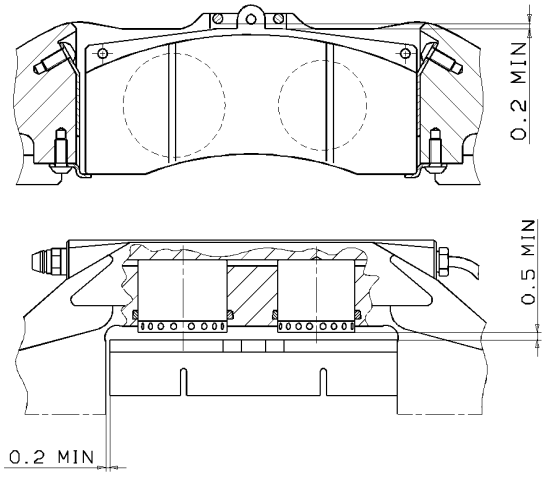


Fig. 5

g. The clearance between disc outer circumference and Caliper Bridge must be 2 mm MIN, with a difference between the two sides of 0.4 mm MAX (see Fig. 6).

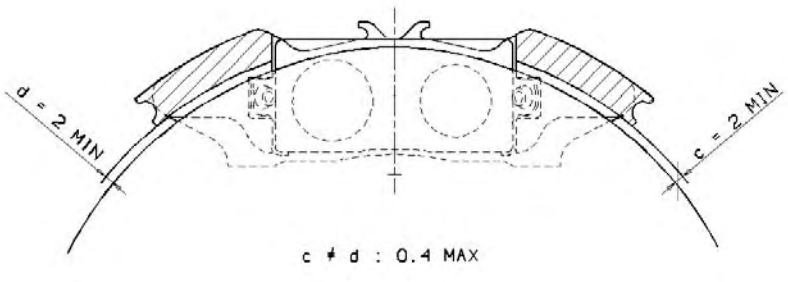


Fig. 6

h. The M 10x1 bleed screws tightening must be carried out with a torque of 12 - 16 Nm. Apply thermal tape on the external half-caliper in order to monitor operating temperature these can be supplied by BREMBO under part number R 02.5168.10.

MASTER-CYLINDER/CALIPER CONNECTION

CHOICE OF TUBING

a. Where it is possible, we recommend the use of steel rigid pipes, since they do not increase brake fluid displacement.
b. In case, flexible brake hoses are used, it is necessary to use the Teflon type with braided steel sheath.
c. The hoses internal diameter must be 2.5 or 3 mm; the brake fluid displacement of 1 meter of these hoses is 0.2 cm MAX (for the type having internal diameter 2.5 mm), and 0.3 cm MAX (for the type having internal diameter 3 mm) at the pressure of 70 bar; hoses with a smaller diameter restrict fluid flow, while hoses with a bigger diameter would considerably increase the brake fluid displacement of the system.

MOUNTIG

a. Pipe fittings must be tightened to the prescribed torque.
b. The pipe fittings seal must be sealed with annealed aluminum or copper seals; these seals can be used only once.
c. Check that tubes are not squashed or pinched and that they are not subjected to high temperatures (in the vicinity of the engine, exhaust pipes, etc.)

BRAKE FLUID

CHOICE

a. Use only high boiling point DOT 3 or DOT 4 brake fluids.
b. Use only brake fluid from a new and sealed container.
c. Change brake fluid before each race.

NOTES

a. Use of liquids other than brake fluids will damage the braking system components.
b. Since the brake fluid is hygroscopic, we have to consider that in presence of high humidity, the boiling point can be considerably lowered; in these cases the brake fluid has to be replaced daily.

BRAKING SYSTEM BLEEDING

a. In the case of a braking system controlled by two parallel master cylinders operated by a rod, bleed one front and one rear caliper, in order to allow both master cylinders a complete stroke.

b. Every time the pedal is back, let master cylinder refill simultaneously for at least 2 seconds before pushing the pedal.
c. When the bleeding is finished, keep in pressure for at least 10 seconds, checking that there aren't any leakages.
d. Refill the reservoirs.

WORKING INSPECTIONS

After running a few kilometers, proceed with the following inspections:

a. The wheels must rotate freely without any residual torque.
b. There must be no contact between disc and caliper.
c. No pulsations must be felt on the pedal, otherwise identify which disc causes the problem and check again the disc/bell and bell/hub assemblies.

RUNNING-IN

For the discs and pads burnishing, it is necessary to follow the running in procedure relative to the friction material used; it is however necessary to assure that during the first kilometers, low pressure applications are carried out for short times in order to allow the bedding of all the pad surface on the disc. Only later you will be able to proceed to the real running in which will end when every pad has reached the best working condition. The running in procedure (bedding of the disc/pads coupling surfaces) must also be carried out when already run-in or used pads are used. Only after the running in is performed, it is possible to take advantage of the braking system braking capacity.

BRAKING SYSTEM FINAL INSPECTIONS

a. There must not be any interference between disc and caliper.
b. The max temperature reached by the calipers must be lower than 180°C (inspection to be carried out through the thermo tapes applied on the calipers - see point 6.1.h).
c. Check the working temperature of the discs, verifying the changes occurred to the thermal paints applied on the external diameter of the discs (see point 5.2.c and Fig. 7):

PAINTS COLOUR	TEMPERATURE OF TONER	NOTES
Green	430°C	Can change completely
Orange	560°C	Can change over of the braking surfaces
Red	610°C	Can change only near the braking surfaces

Fig. 7

If none of the three paints has changed and the braking system performance is not considered satisfactory, it is necessary to reduce the discs ventilation. Furthermore a rapid quick cooling could increase the risk of cracks on the discs.
If all three paints change completely, it is necessary to improve the cooling. A high working temperature of the discs causes a decay of the braking power and excessively high temperatures in the brake calipers.

BRAKING SYSTEM BALANCING

The braking system has to be chosen in function of the vehicle characteristics; it is very important that the max braking power be equally distributed between the front and the rear axles; when the braking system is correctly balanced, the working temperatures of the front and rear brakes must be similar. It is possible to adjust brake balance between the front and rear axles through the adjustment rod, but only for variations up to 10% MAX: in fact the pedal force must be always applied in the vicinity of the center of the adjusting rod in order to obtain a good efficiency of the brake pedal mechanism. If the system isn't balanced even after adjusting, the causes must be searched somewhere else: master cylinders diameter, caliper type, disc diameter etc. In any case, before replacing any components, it is necessary to make sure that the combination of components works correctly. A good general rule to obtain a good efficiency is however to have as similar as possible the master cylinders loads and strokes.

INSPECTION OF THE BRAKING SYSTEM AFTER USE

After every race, it is necessary to proceed with the following inspections and interventions:

FITTINGS

Verify that there are no leakages from the various components, connections, or fittings. If a leak is found on one of the fittings, either increase the tightening torque, or replace the defective component.

BRAKE DISC

Check carefully the disc braking surfaces.
The disc can't be used again if:

- on the braking surfaces there are cracks having length higher than 5 mm; in case the crack begins from the external or internal diameter, even if the length is shorter, the disc must be replaced (see Fig. 8).

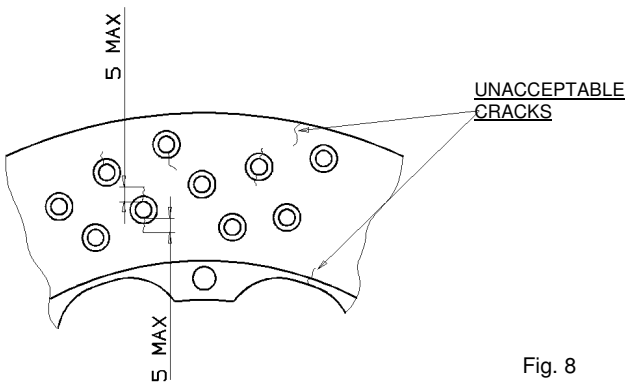


Fig. 8

- It has a wear of 1 mm compared to the new thickness (0,5 mm on both sides);
- The braking surfaces show scorings, which can damage the correct pad/disc contact.

CALIPERS

a. Check that the external half calipers connecting pipes are not bent or dented, caused i.e. by the entrance of stones between the wheel and the caliper; in case of damage, overhaul the caliper.
b. Check the max temperatures reached by the caliper, checking the thermo tapes applied on the internal half caliper:
c. if a temperature of 180 °C is reached, we recommend the overhauling of the caliper or to replace the seals;
d. If a temperature of 210 °C is reached (max value of temperature the caliper can stand for short periods), it is absolutely necessary to overhaul immediately the caliper and search the causes of the overheating, since under these conditions the correct operation of the brake isn't guaranteed anymore.

PADS

PAD WEAR INSPECTION

Pads should not have a friction material thickness lower than 2 mm MIN; if the pads are excessively worn, they must be changed.

ABNORMAL WEAR

The pads must no show excessively anomalous or uneven wears; the following must be checked:

a. Pad tangential taper wear difference must not exceed 1 mm MAX, bearing in mind that the direction of wears of the same caliper must be according to what shown on the Fig.9.

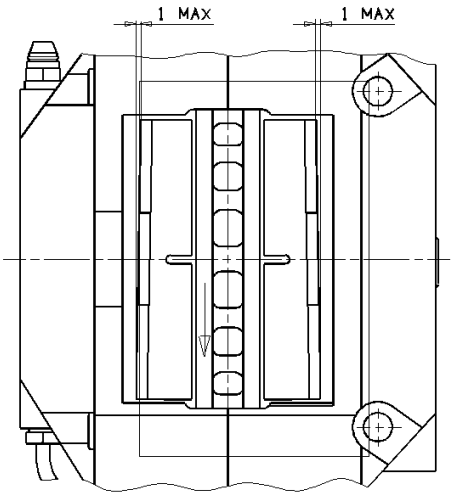


Fig. 9

b. Pad radial taper wear difference must not exceed 1 mm MAX, bearing in mind that the direction of wears of the same caliper must be according to what shown on the Fig.10. Defective or excessively worn pads must be changed.

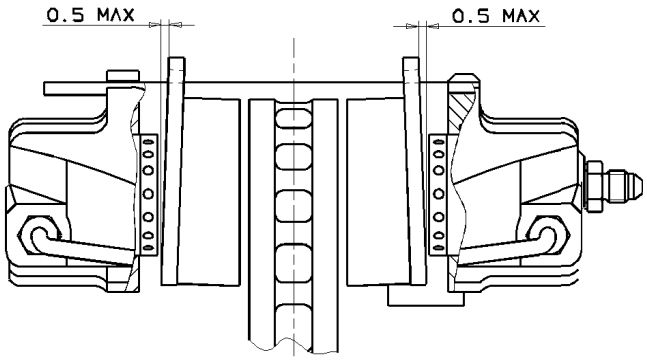


Fig. 10

BACK PLATE DEFORMATION

Back plate flatness error must not exceed 0.2 mm MAX (see Fig. 11);

- in case of excessive back plate flatness error, the pads must be changed.

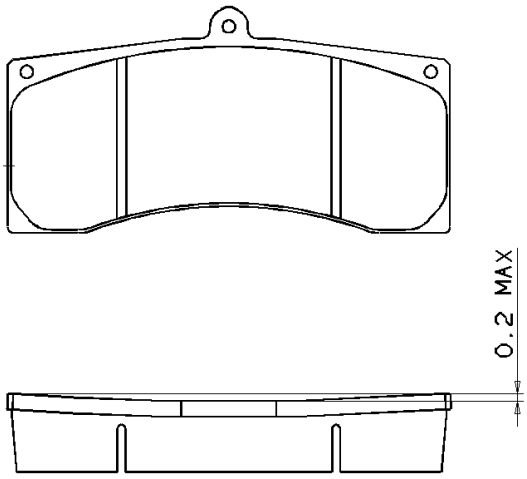


Fig. 11

GENERAL NOTES

OVERHAULING AND REPLACEMENT

- Master Cylinder

These must be overhauled after 5000 km MAX of running, or when problems arise;

- Calipers

They must be overhauled after 5000 km max of running, or when problems arise, or if the temperatures go above those shown at point 14.3.b.

VARIOUS

a. The external cleaning of the master cylinder and calipers must be carried out with non-corrosive agents and anyway not with solvents, gasoline or similar, since these products could damage rubber components (seals and dust boots).
b. During warehousing protect the inlet and outlet holes of the master cylinder and of the calipers with the appropriate caps.
c. Half-caliper union bolts cannot be re-screwed, or carry out modifications to the calipers.
d. Replacement of components with non-BREMBO parts is not permitted.
e. BREMBO recommends the overhauling of its products through its own authorized personnel; therefore BREMBO doesn't take the responsibility for overhauling carried out by someone else.

CALIPERS

P/N XA6.L6.11/12

2 PISTON CALIPER

TYPICAL APPLICATION

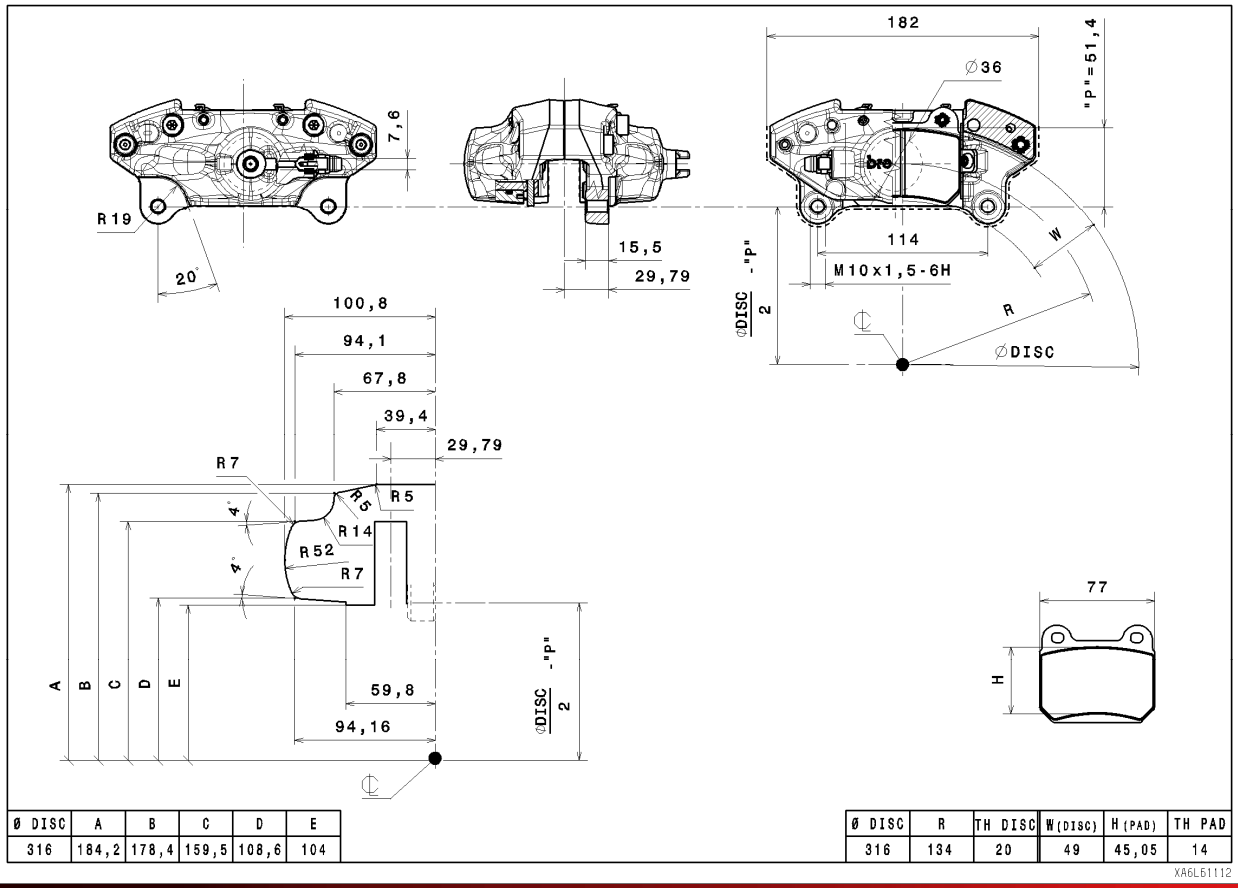
School Cars

MOUNTING INFORMATION

Trailing	Leading
RH XA6.L6.12	RH XA6.L6.14
LH XA6.L6.11	LH XA6.L6.13

TECHNICAL SPECIFICATION

Piston Size [mm]	36	Piston Area [cm^2]	20.35	Mounting Offset [mm]	29.79
		Pad Area [cm^2]	32	Mounting Hole Dia. [mm]	M10x1.5
		Pad Thickness [mm]	14.6	Caliper Body	2 Pieces
		Pad Family	"77"	Caliper Material	Aluminium
		Disc Thickness [mm]	20	Piston Insert	
		Hydraulic Threads	M10x1	Weight [Kg]	1.42
		Mounting Hole Center [mm]	114	Fluid Capacity	20.56



Ø DISC	A	B	C	D	E
316	184,2	178,4	159,5	108,6	104

Ø DISC	R	TH DISC	W(DISC)	H(PAD)	TH PAD
316	134	20	49	45,05	14

XA6L61112

P/N X97.24.01

2 PISTON CALIPER

TYPICAL APPLICATION

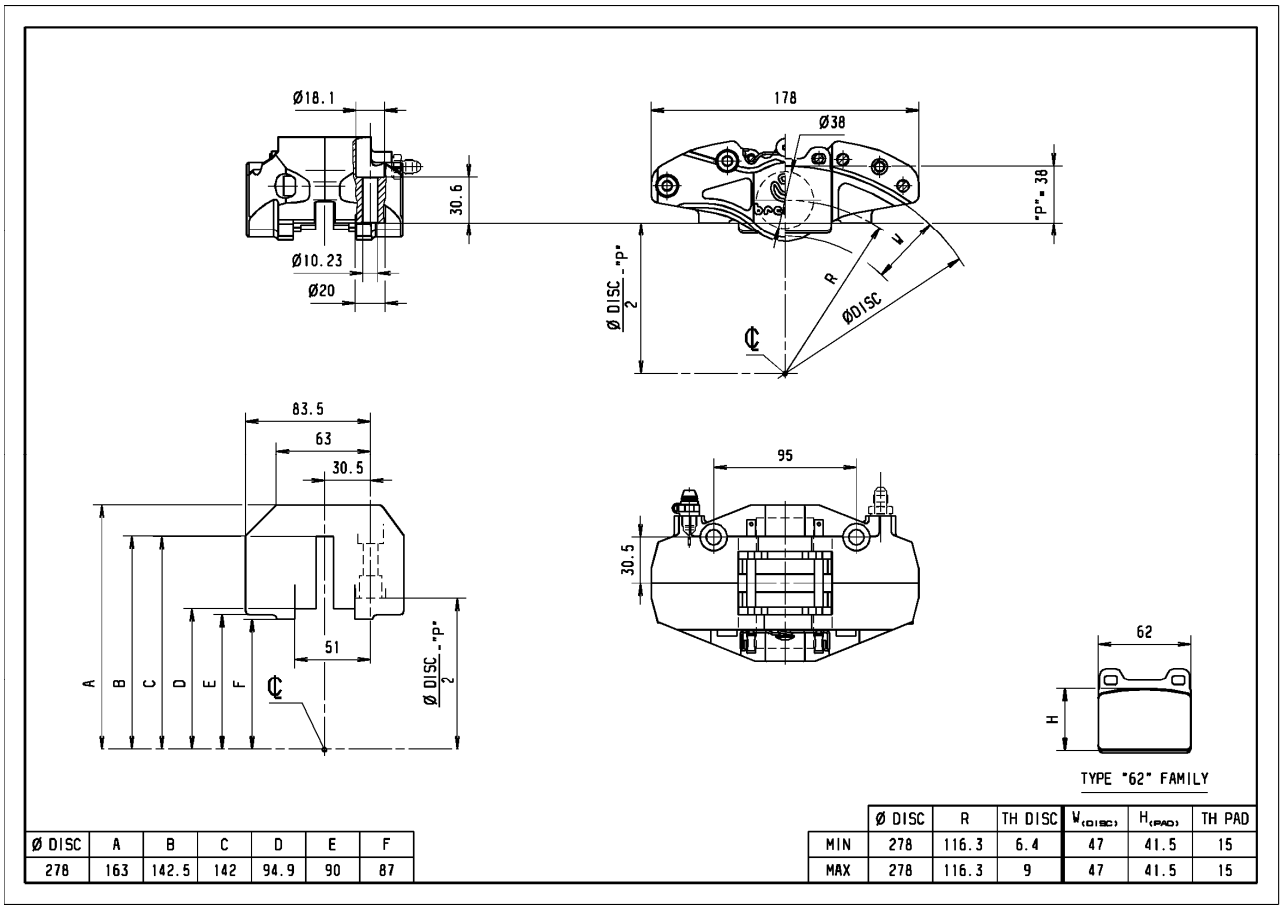
Touring car (Rear)

MOUNTING INFORMATION

Trailing	Leading
RH **X97.24.01**	RH **X97.24.01**
LH **X97.24.01**	LH **X97.24.01**

TECHNICAL SPECIFICATION

Piston Size [mm]	**38**	Piston Area [cm^2]	**22.68**	Mounting Offset [mm]	**30.5**
		Pad Area [cm^2]	**24.8**	Mounting Hole Dia. [mm]	**10.23**
		Pad Thickness [mm]	**15**	Caliper Body	**2 Pieces**
		Pad Family	**"62"**	Caliper Material	**Aluminium**
		Disc Thickness [mm]	**6.4 - 9**	Piston Insert	**-**
		Hydraulic Threads	**M10x1**	Weight [Kg]	**1.25**
		Mounting Hole Center [mm]	**95**	Fluid Capacity	**23.81**



Ø DISC	A	B	C	D	E	F
278	163	142.5	142	94.9	90	87

	Ø DISC	R	TH DISC	$W_{(DISC)}$	$H_{(PAD)}$	TH PAD
MIN	278	116.3	6.4	47	41.5	15
MAX	278	116.3	9	47	41.5	15

P/N X97.24.10

2 PISTON CALIPER

TYPICAL APPLICATION

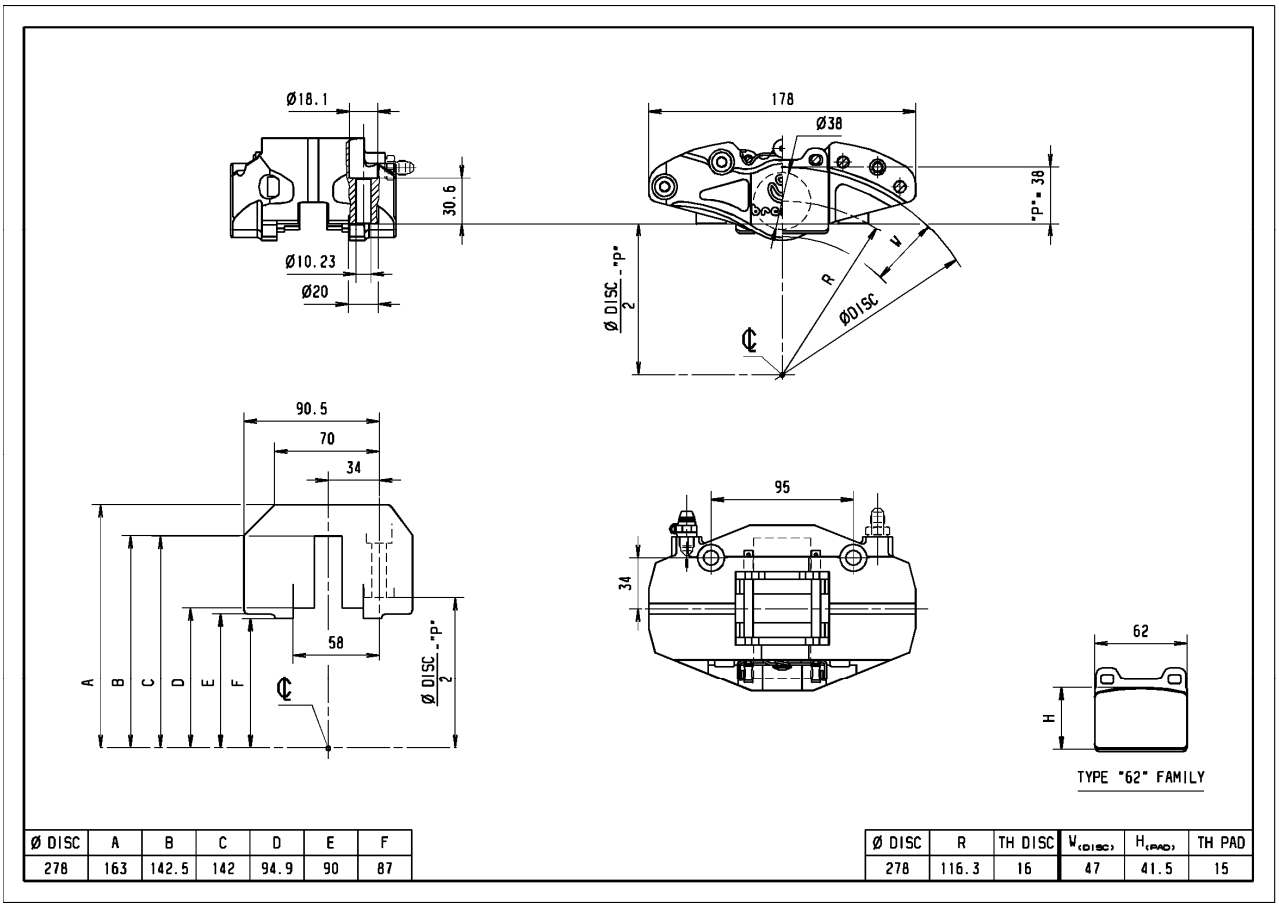
Touring car (Rear)

MOUNTING INFORMATION

Trailing	Leading
RH **X97.24.10**	RH **X97.24.10**
LH **X97.24.10**	LH **X97.24.10**

TECHNICAL SPECIFICATION

Piston Size [mm]	**38**	Piston Area [cm^2]	**22.68**	Mounting Offset [mm]	**34**
		Pad Area [cm^2]	**24.8**	Mounting Hole Dia. [mm]	**10.23**
		Pad Thickness [mm]	**15**	Caliper Body	**2 Pieces**
		Pad Family	**"62"**	Caliper Material	**Aluminium**
		Disc Thickness [mm]	**16**	Piston Insert	**-**
		Hydraulic Threads	**M10x1**	Weight [Kg]	**1.30**
		Mounting Hole Center [mm]	**95**	Fluid Capacity	**23.81**



Ø DISC	A	B	C	D	E	F
278	163	142.5	142	94.9	90	87

Ø DISC	R	TH DISC	$W_{(DISC)}$	$H_{(PAD)}$	TH PAD
278	116.3	16	47	41.5	15

P/N X97.24.21

2 PISTON CALIPER

TYPICAL APPLICATION

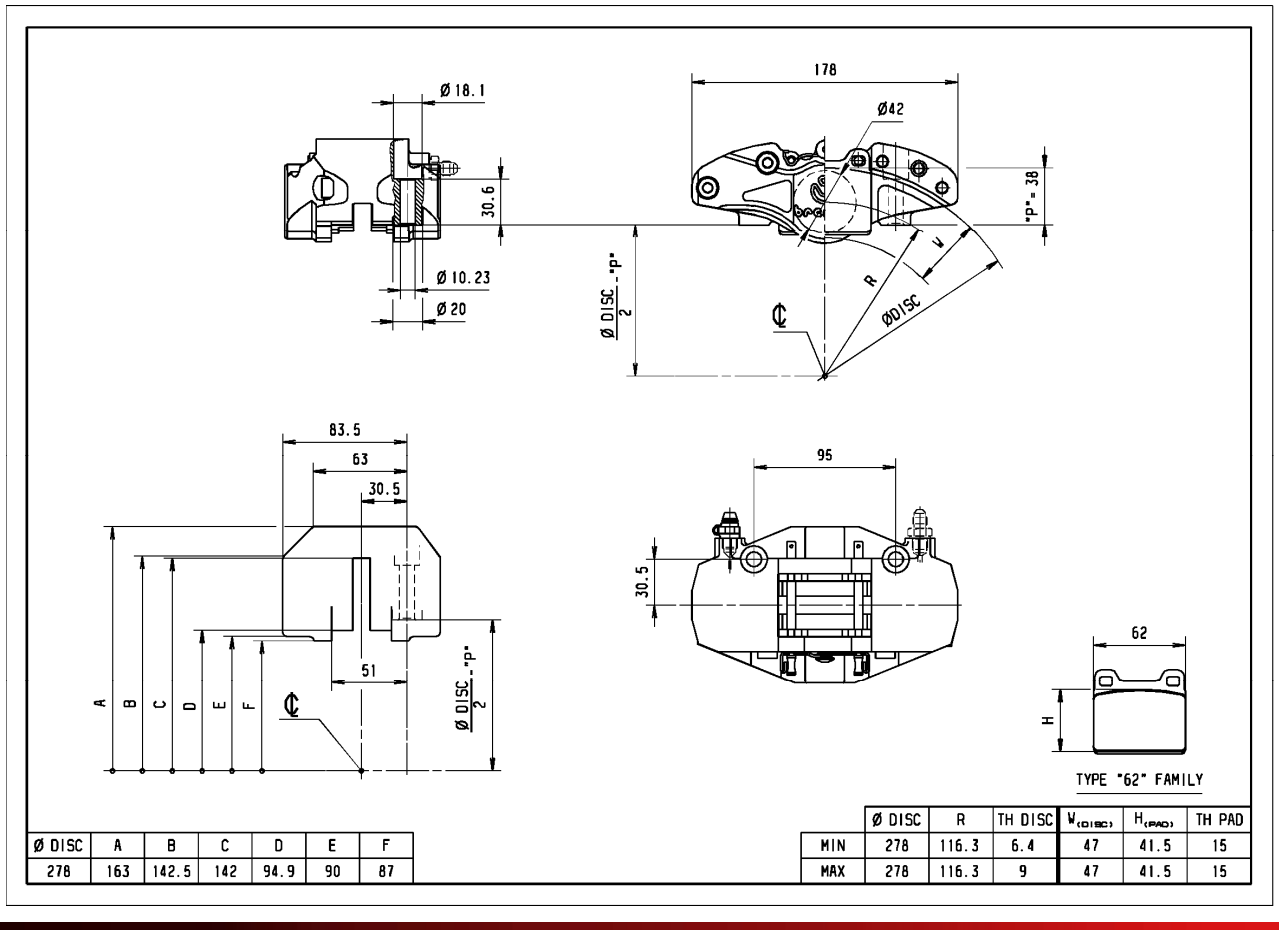
Touring car (Rear)

MOUNTING INFORMATION

Trailing	Leading
RH **X97.24.21**	RH **X97.24.21**
LH **X97.24.21**	LH **X97.24.21**

TECHNICAL SPECIFICATION

Piston Size [mm]	**42**	Piston Area [cm^2]	**27.70**	Mounting Offset [mm]	**30.5**
		Pad Area [cm^2]	**24.8**	Mounting Hole Dia. [mm]	**10.23**
		Pad Thickness [mm]	**15**	Caliper Body	**2 Pieces**
		Pad Family	**"62"**	Caliper Material	**Aluminium**
		Disc Thickness [mm]	**6.4 - 9**	Piston Insert	**-**
		Hydraulic Threads	**M10x1**	Weight [Kg]	**1.25**
		Mounting Hole Center [mm]	**95**	Fluid Capacity	**29.09**



Ø DISC	A	B	C	D	E	F
278	163	142.5	142	94.9	90	87

	Ø DISC	R	TH DISC	$W_{(DISC)}$	$H_{(PAD)}$	TH PAD
MIN	278	116.3	6.4	47	41.5	15
MAX	278	116.3	9	47	41.5	15

P/N X97.24.51

2 PISTON CALIPER

TYPICAL APPLICATION

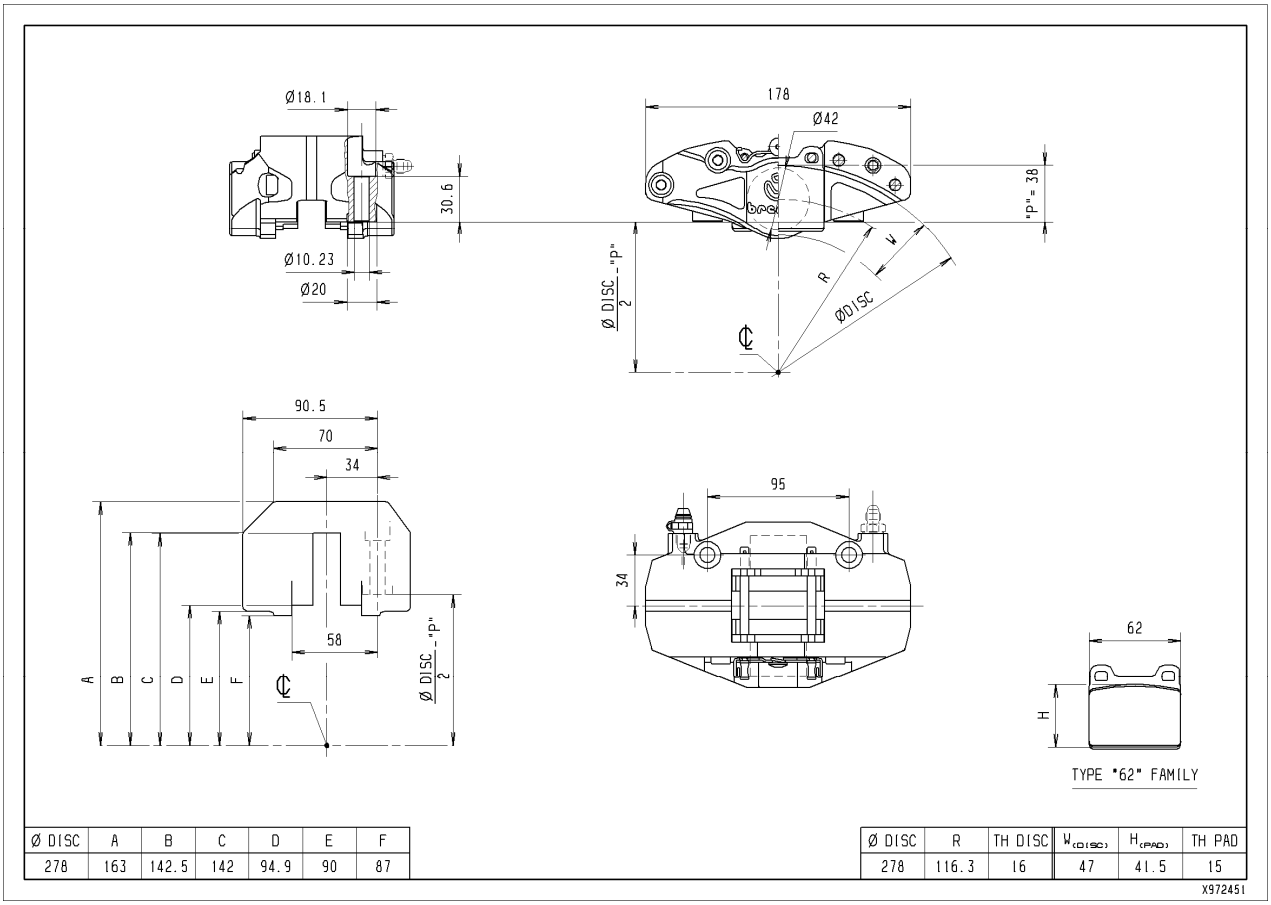
Touring car (Rear)

MOUNTING INFORMATION

Trailing	Leading
RH **X97.24.51**	RH **X97.24.51**
LH **X97.24.51**	LH **X97.24.51**

TECHNICAL SPECIFICATION

Piston Size [mm]	**42**	Piston Area [cm^2]	**27.70**	Mounting Offset [mm]	**34**
		Pad Area [cm^2]	**24.8**	Mounting Hole Dia. [mm]	**10.23**
		Pad Thickness [mm]	**15**	Caliper Body	**2 Pieces**
		Pad Family	**"62"**	Caliper Material	**Aluminium**
		Disc Thickness [mm]	**16**	Piston Insert	**-**
		Hydraulic Threads	**M10x1**	Weight [Kg]	**1.25**
		Mounting Hole Center [mm]	**95**	Fluid Capacity	**29.09**



Ø DISC	A	B	C	D	E	F
278	163	142.5	142	94.9	90	87

Ø DISC	R	TH DISC	$W_{(DISC)}$	$H_{(PAD)}$	TH PAD
278	116.3	16	47	41.5	15

X972451

P/N X97.24.31

2 PISTON CALIPER

TYPICAL APPLICATION

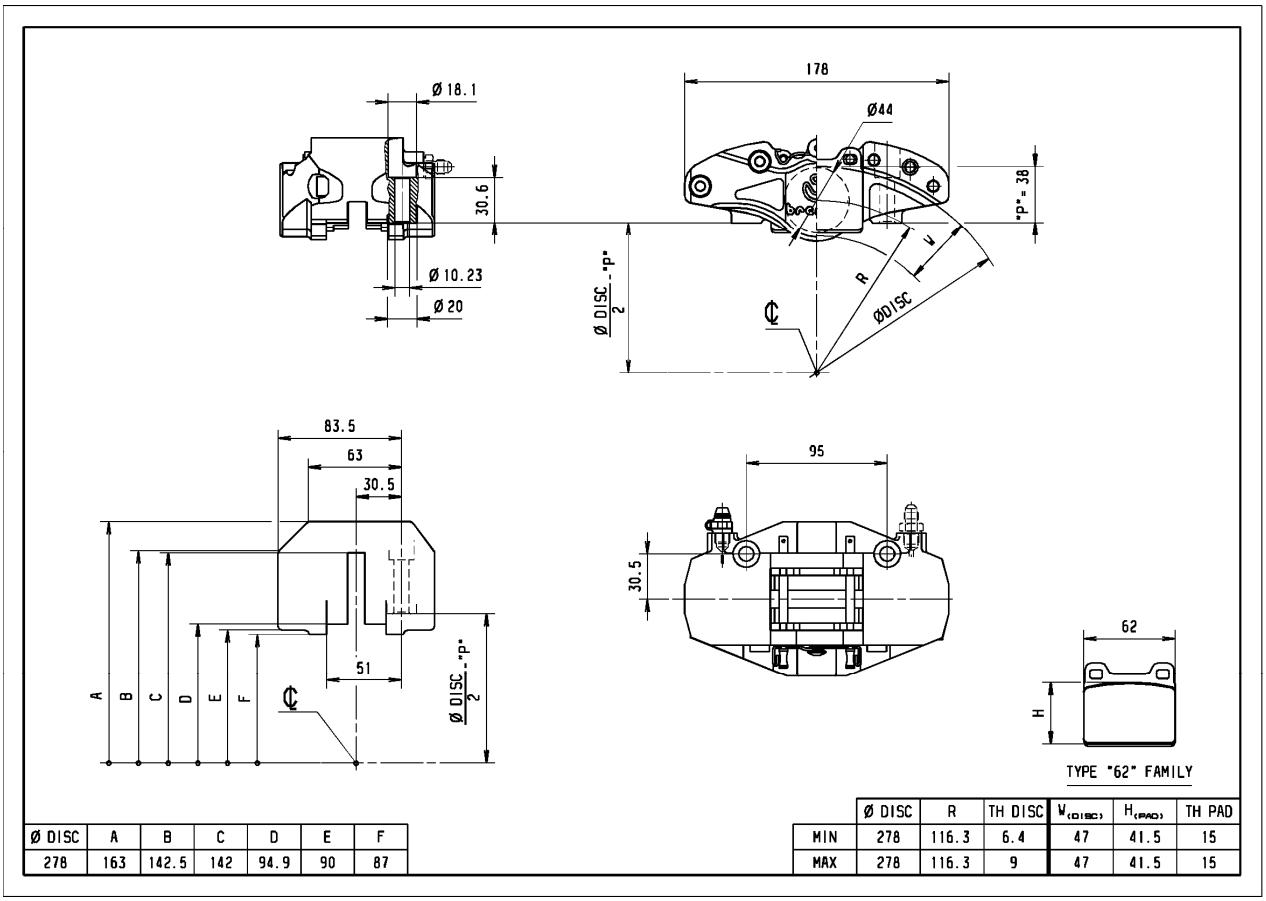
Touring car (Rear)

MOUNTING INFORMATION

Trailing	Leading
RH **X97.24.31**	RH **X97.24.31**
LH **X97.24.31**	LH **X97.24.31**

TECHNICAL SPECIFICATION

Piston Size [mm]	**44**	Piston Area [cm^2]	**30.41**	Mounting Offset [mm]	**30.5**
		Pad Area [cm^2]	**24.8**	Mounting Hole Dia. [mm]	**10.23**
		Pad Thickness [mm]	**15**	Caliper Body	**2 Pieces**
		Pad Family	**"62"**	Caliper Material	**Aluminium**
		Disc Thickness [mm]	**6.4 - 9**	Piston Insert	**-**
		Hydraulic Threads	**M10x1**	Weight [Kg]	**1.25**
		Mounting Hole Center [mm]	**95**	Fluid Capacity	**31.93**



Ø DISC	A	B	C	D	E	F
278	163	142.5	142	94.9	90	87

	Ø DISC	R	TH DISC	$W_{(DISC)}$	$H_{(PAD)}$	TH PAD
MIN	278	116.3	6.4	47	41.5	15
MAX	278	116.3	9	47	41.5	15

P/N X97.24.61

2 PISTON CALIPER

TYPICAL APPLICATION

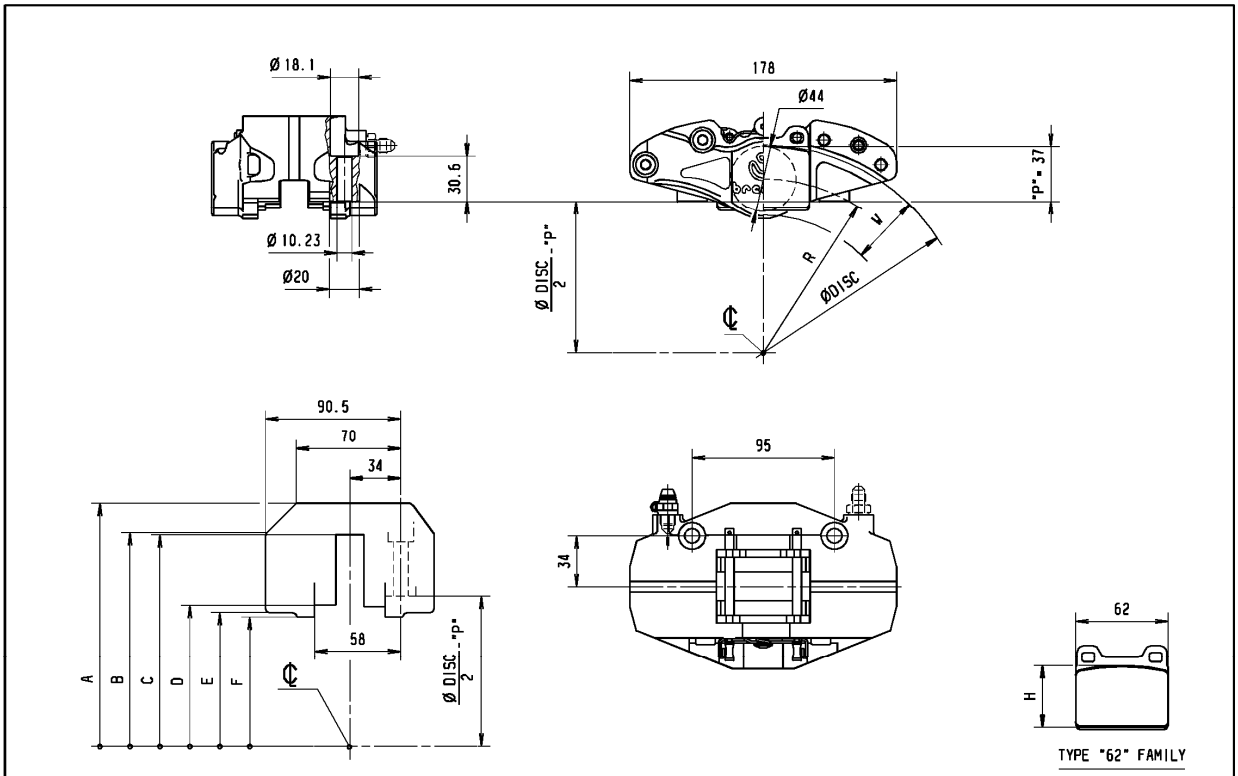
Touring car (Rear)

MOUNTING INFORMATION

Trailing	Leading
RH **X97.24.61**	RH **X97.24.61**
LH **X97.24.61**	LH **X97.24.61**

TECHNICAL SPECIFICATION

Piston Size [mm]	**44**	Piston Area [cm^2]	**30.41**	Mounting Offset [mm]	**34**
		Pad Area [cm^2]	**24.8**	Mounting Hole Dia. [mm]	**10.23**
		Pad Thickness [mm]	**15**	Caliper Body	**2 Pieces**
		Pad Family	**"62"**	Caliper Material	**Aluminium**
		Disc Thickness [mm]	**16**	Piston Insert	**-**
		Hydraulic Threads	**M10x1**	Weight [Kg]	**1.25**
		Mounting Hole Center [mm]	**95**	Fluid Capacity	**31.93**

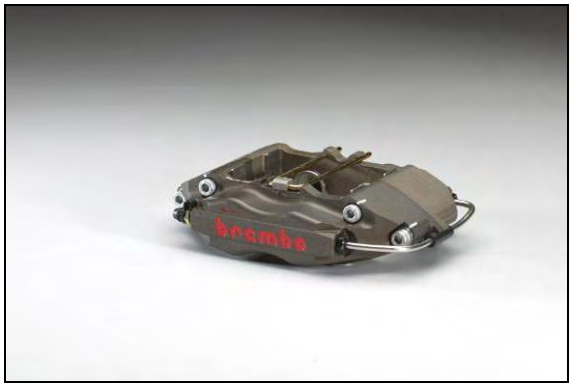


Ø DISC	A	B	C	D	E	F
278	163	142.5	142	94.9	90	87

Ø DISC	R	TH DISC	$W_{(DISC)}$	$H_{(PAD)}$	TH PAD
278	116.3	16	47	41.5	15

P/N XA3.G2.11/14

4 PISTON CALIPER



TYPICAL APPLICATION

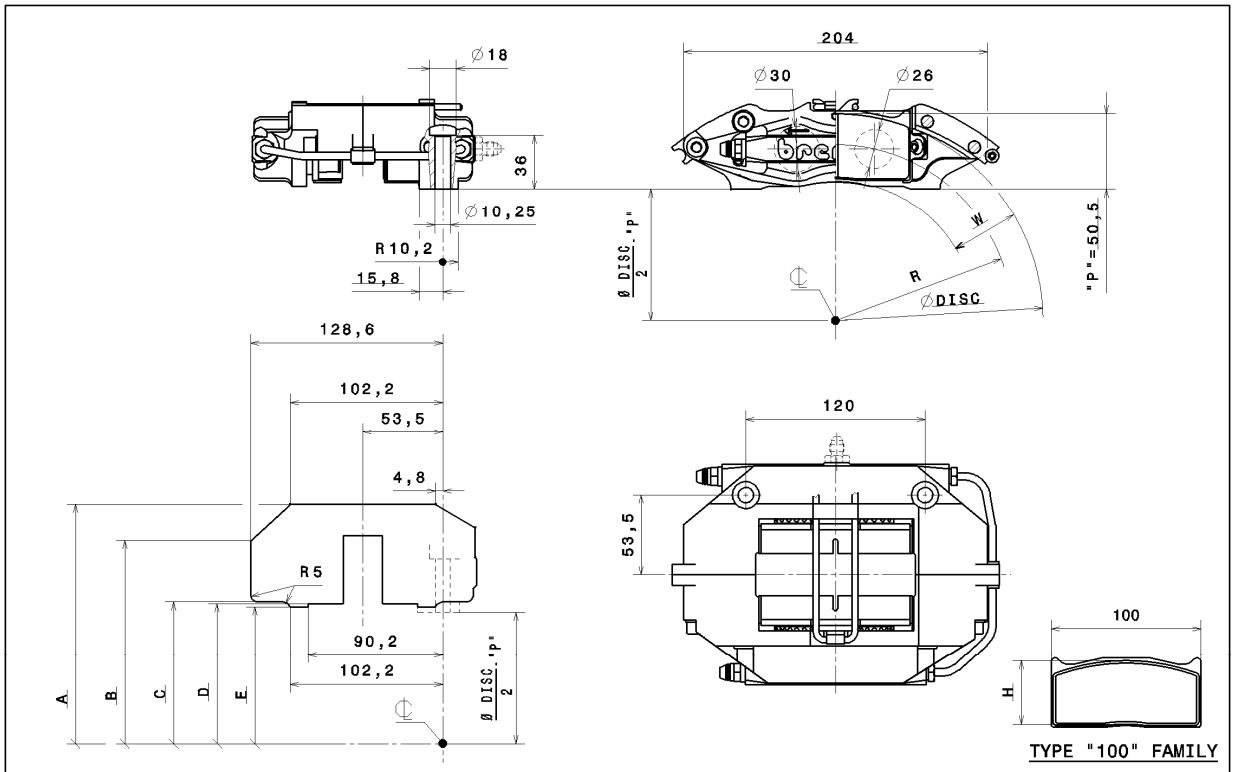
Rally

MOUNTING INFORMATION

Trailing	Leading
RH **XA3.G2.12**	RH **XA3.G2.14**
LH **XA3.G2.11**	LH **XA3.G2.13**

TECHNICAL SPECIFICATION

Piston Size [mm]	**26**	Piston Area [cm^2]	**24.75**	Mounting Offset [mm]	**53.5**
	30	Pad Area [cm^2]	**38**	Mounting Hole Dia. [mm]	**10.25**
		Pad Thickness [mm]	**20**	Caliper Body	**2 Pieces**
		Pad Family	**"100"**	Caliper Material	**Aluminium**
		Disc Thickness [mm]	**24 - 25.4**	Piston Insert	**Steel**
		Hydraulic Threads	**M10x1**	Weight [Kg]	
		Mounting Hole Center [mm]	**120**	Fluid Capacity	**50.74**



Ø DISC	A	B	C	D	E
278	161	136,8	95,5	94,3	92
313	178,5	154,3	113	111,8	109,5

	Ø DISC	R	TH DISC	W(DISC)	H(PAD)	TH PAD
MIN	278	118,4	24	45	42,5	20
MAX	313	135,5	25,4	45	42,5	20

XA3G21114

P/N XA2.E7.11/14

4 PISTON CALIPER

TYPICAL APPLICATION

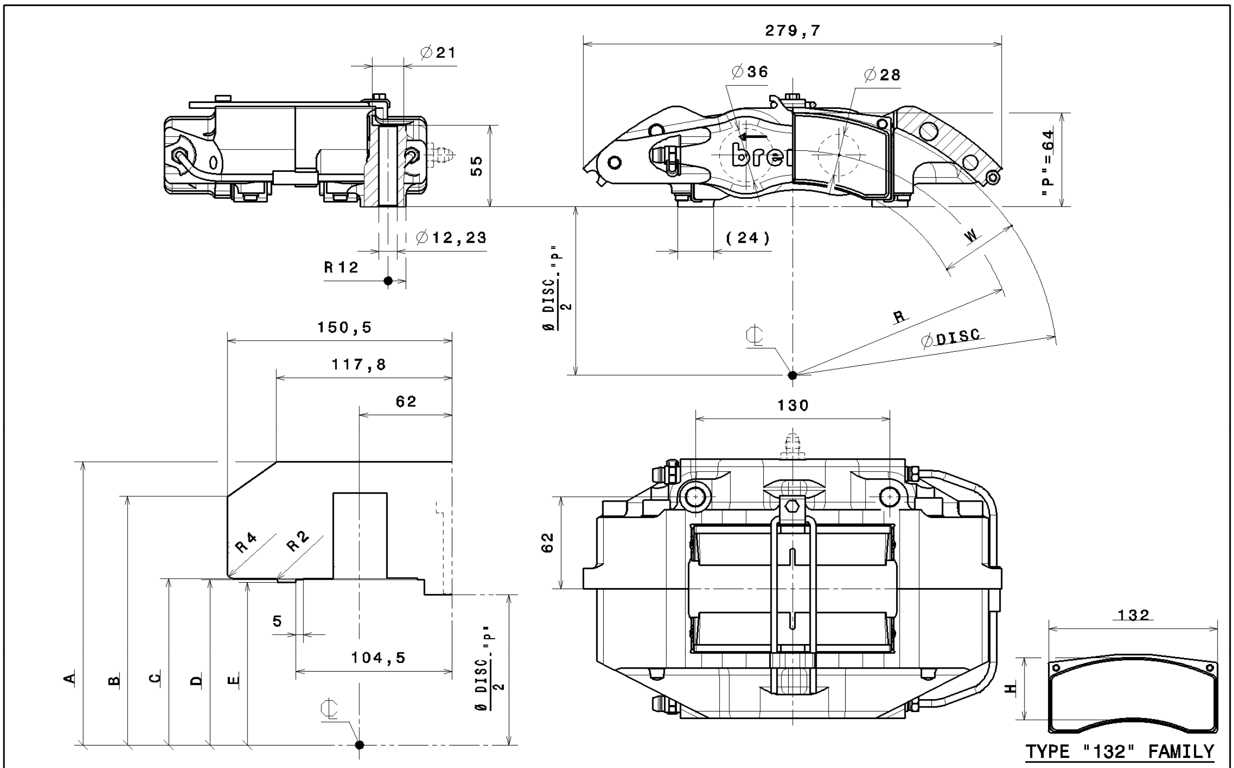
GT

MOUNTING INFORMATION

Trailing	Leading
RH XA2.E7.12	RH XA2.E7.14
LH XA2.E7.11	LH XA2.E7.13

TECHNICAL SPECIFICATION

Piston Size [mm]	28	Piston Area [cm^2]	32.67	Mounting Offset [mm]	62
	36	Pad Area [cm^2]	63	Mounting Hole Dia. [mm]	12.23
		Pad Thickness [mm]	25 - 26.5	Caliper Body	2 Pieces
		Pad Family	"132"	Caliper Material	Aluminium
		Disc Thickness [mm]	32 - 35	Piston Insert	-
		Hydraulic Threads	M10x1	Weight [Kg]	2.95
		Mounting Hole Center [mm]	130	Fluid Capacity	66.97



Ø DISC	A	B	C	D	E
332	191	168	112,5	111,5	109,6
355	202	179	124	123	121,6

	Ø DISC	R	TH DISC	W(DISC)	H(PAD)	TH PAD
MIN	332	140	32	53	49	25
MAX	355	151,7	35	53	49	26,5

XA2E71114

P/N XA6.H7.11/14

4 PISTON CALIPER

PICTURE NOT AVAILABLE

TYPICAL APPLICATION

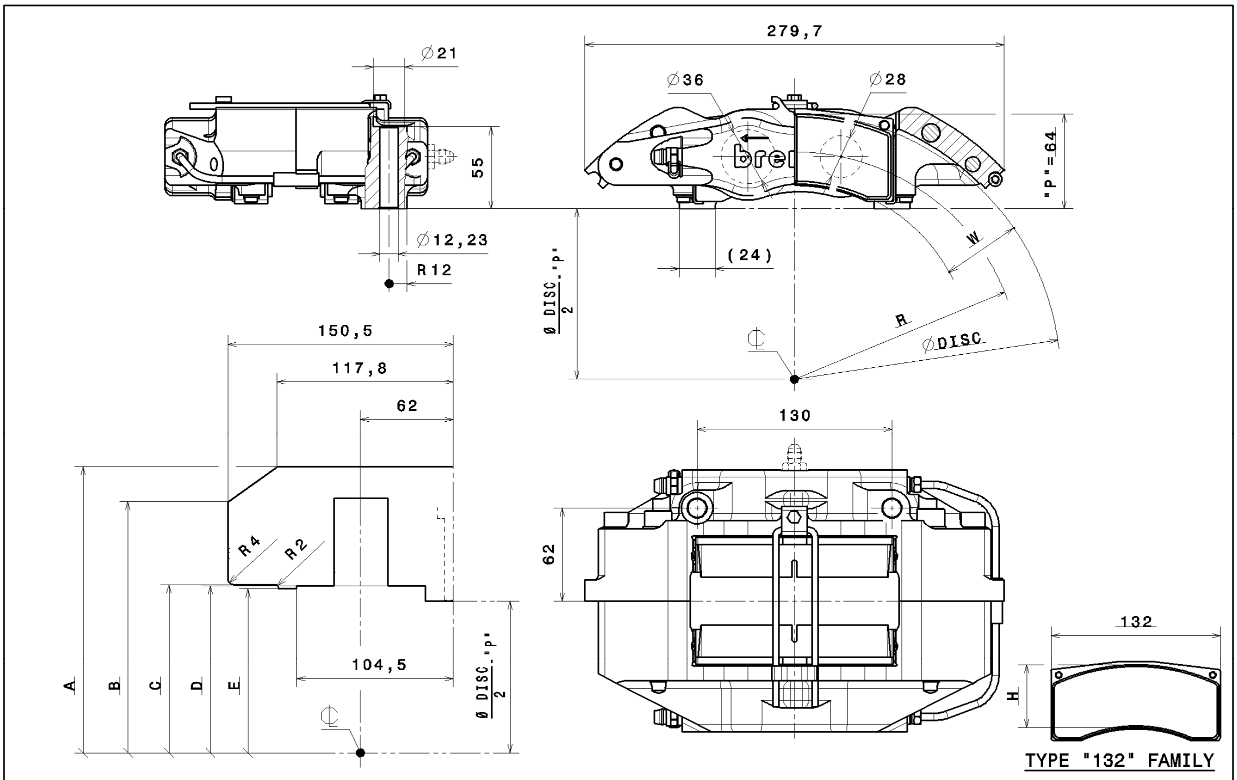
Grand AM

MOUNTING INFORMATION

Trailing	Leading
RH **XA6.H7.12**	RH **XA6.H7.14**
LH **XA6.H7.11**	LH **XA6.H7.13**

TECHNICAL SPECIFICATION

Piston Size [mm]	28	Piston Area [cm^2]	32.67	Mounting Offset [mm]	62
	36	Pad Area [cm^2]	63	Mounting Hole Dia. [mm]	12.23
		Pad Thickness [mm]	22	Caliper Body	2 Pieces
		Pad Family	"132"	Caliper Material	Aluminium
		Disc Thickness [mm]	32	Piston Insert	Steel
		Hydraulic Threads	M10x1	Weight [Kg]	
		Mounting Hole Center [mm]	130	Fluid Capacity	57.17



Ø DISC	A	B	C	D	E
332	191	168	112,5	111,5	109,6
355	202	179	124	123	121,6

	Ø DISC	R	TH DISC	W (DISC)	H (PAD)	TH PAD
MIN	332	140	32	53	49	22
MAX	355	151,7	32	53	49	22

XA6H71114

P/N X98.A8.41/44

4 PISTON CALIPER

PICTURE NOT AVAILABLE

TYPICAL APPLICATION

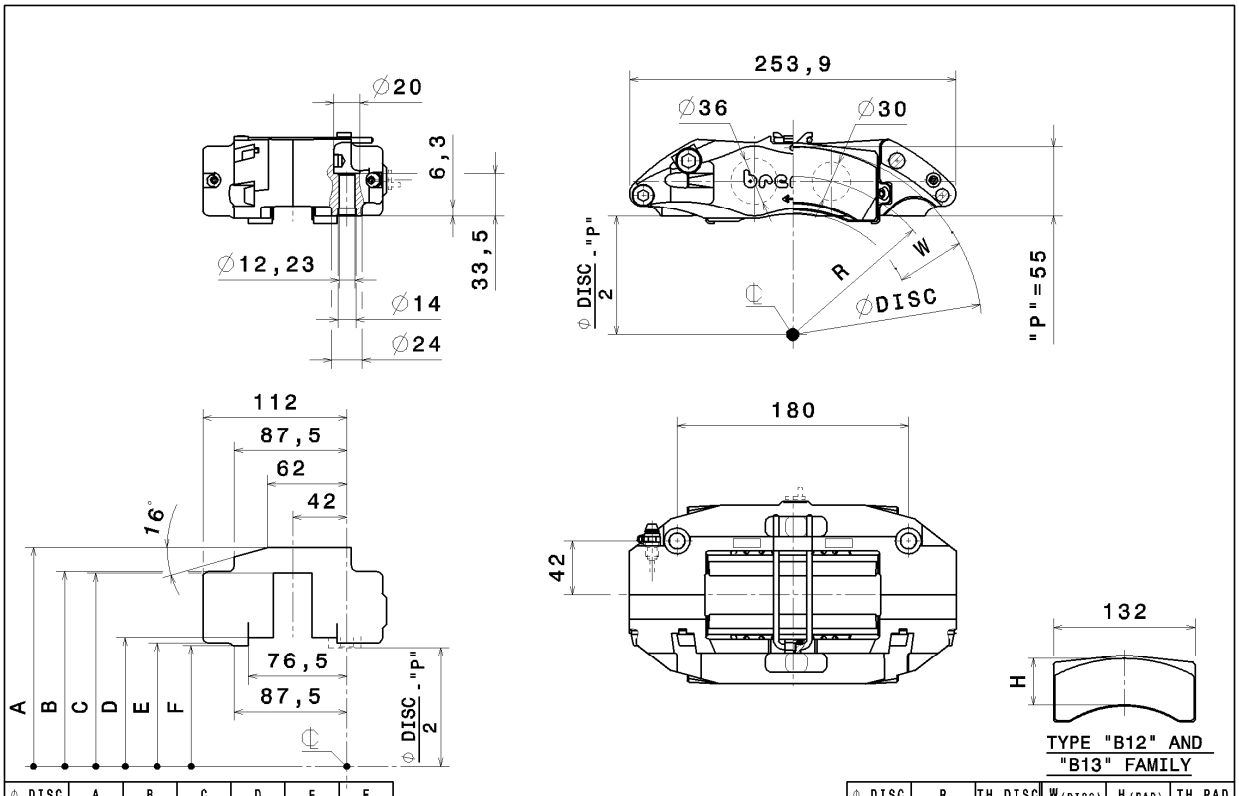
GT

MOUNTING INFORMATION

Trailing	Leading
RH **X98.A8.42**	RH **X98.A8.44**
LH **X98.A8.41**	LH **X98.A8.43**

TECHNICAL SPECIFICATION

Piston Size [mm]	**30**	Piston Area [cm^2]	**34.49**	Mounting Offset [mm]	**42**
	36	Pad Area [cm^2]	**62**	Mounting Hole Dia. [mm]	**12.28**
		Pad Thickness [mm]	**16**	Caliper Body	**2 Pieces**
		Pad Family	**"B13""**	Caliper Material	**Aluminium**
		Disc Thickness [mm]	**28**	Piston Insert	**Titanium**
		Hydraulic Threads	**M10x1**	Weight [Kg]	**2.20**
		Mounting Hole Center [mm]	**180**	Fluid Capacity	**39.67**



∅ DISC	A	B	C	D	E	F
295	170,9	152,1	150,8	100,5	95,7	94,1
320	181,5	163,8	162,2	112,6	108,3	106,3

	∅ DISC	R	TH DISC	W(DISC)	H(PAD)	TH PAD
MIN	295	123,8	25,4	47,3	43,5	16
MAX	320	136,3	28	52,5	49,7	16

X98A84144

P/N XA6.S0.01/04

4 PISTON CALIPER

TYPICAL APPLICATION

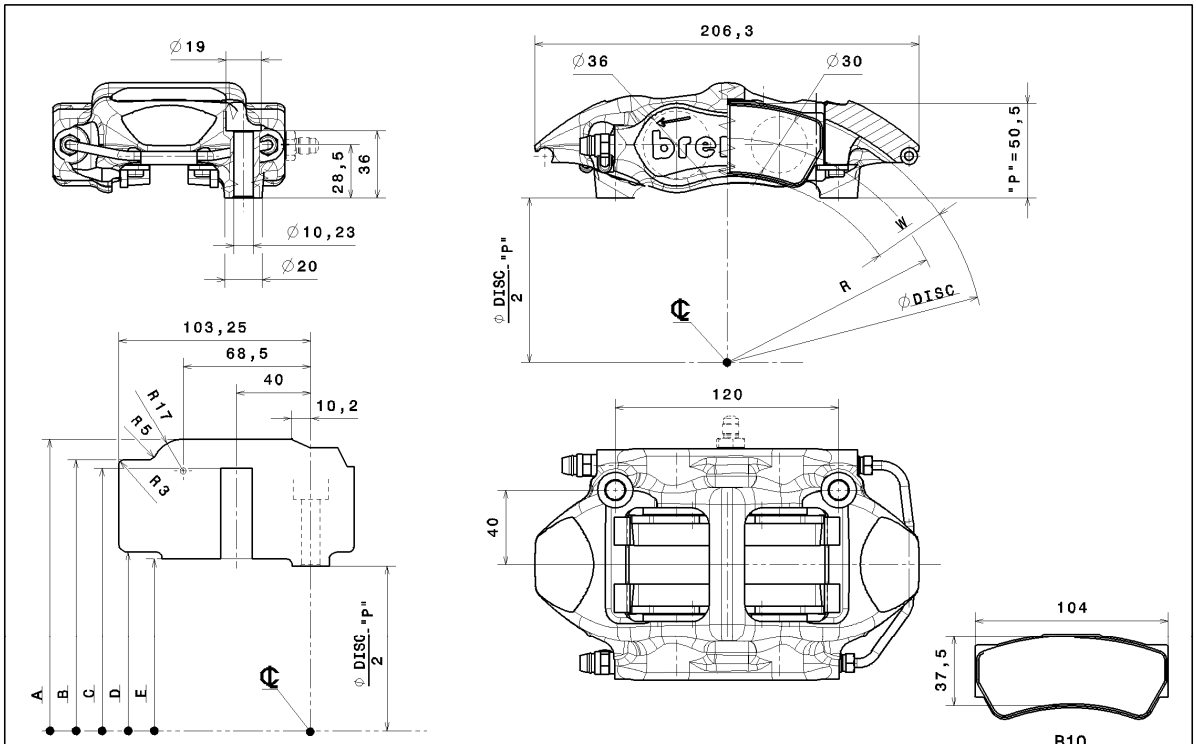
F3

MOUNTING INFORMATION

Trailing	Leading
RH **XA6.S0.02**	RH **XA6.S0.04**
LH **XA6.S0.01**	LH **XA6.S0.03**

TECHNICAL SPECIFICATION

Piston Size [mm]	**30**	Piston Area [cm^2]	**34,49**	Mounting Offset [mm]	**40**
	36	Pad Area [cm^2]	**36,3**	Mounting Hole Dia. [mm]	**10.23**
		Pad Thickness [mm]	**16**	Caliper Body	**Monobloc**
		Pad Family	**"B10"**	Caliper Material	**Aluminium**
		Disc Thickness [mm]	**16**	Piston Insert	**-**
		Hydraulic Threads	**M10x1**	Weight [Kg]	**1,21**
		Mounting Hole Center [mm]	**120**	Fluid Capacity	



∅ DISC	A	B	C	D	E
278	156,6	145,5	141	96,1	92,4

∅ DISC	R	TH DISC	$W_{(DISC)}$	$H_{(PAD)}$	TH PAD
278	120,4	18	39	37,5	16

XA6S00104

P/N XA7.G0.11/12

4 PISTON CALIPER

TYPICAL APPLICATION

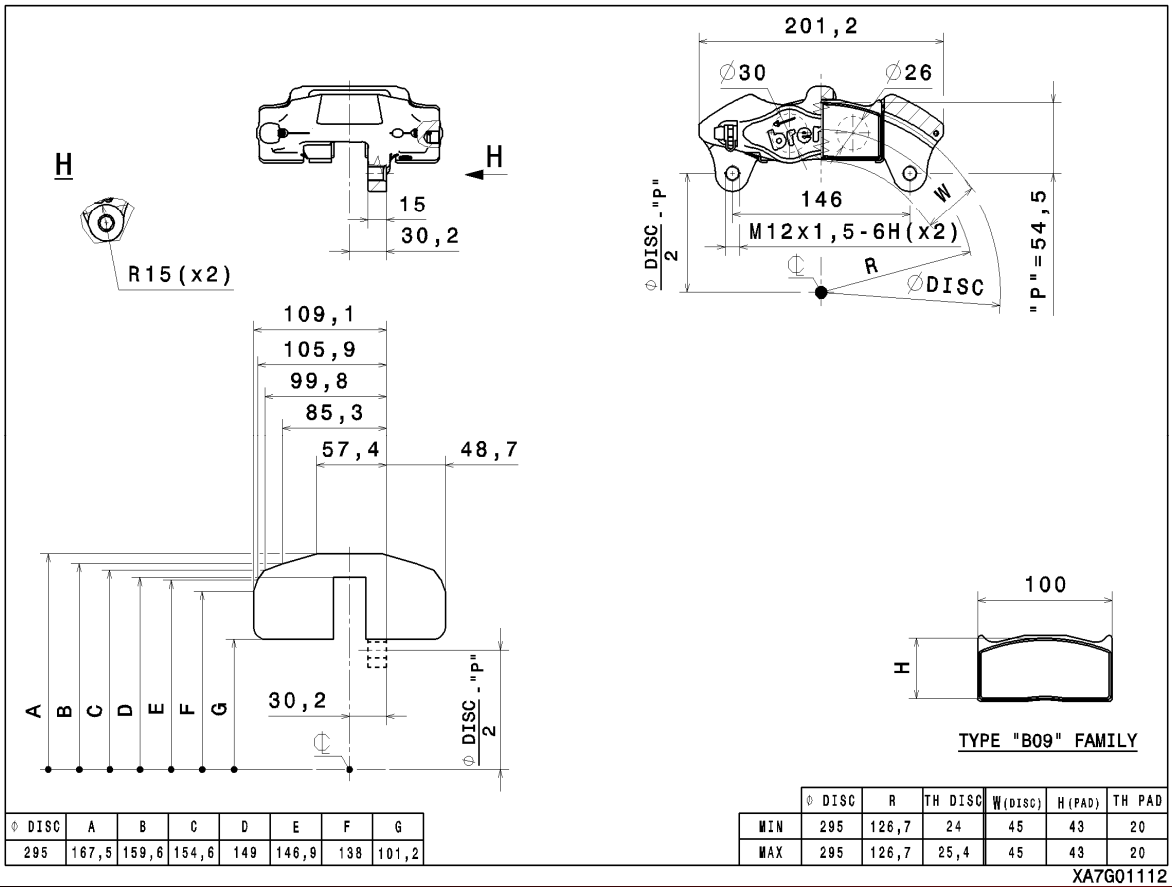
Rally

MOUNTING INFORMATION

Trailing	Leading
RH **XA7.G0.11**	RH
LH **XA7.G0.12**	LH

TECHNICAL SPECIFICATION

Piston Size [mm]	**26**	Piston Area [cm^2]	**24.75**	Mounting Offset [mm]	**30,2**
	30	Pad Area [cm^2]	**38**	Mounting Hole Dia. [mm]	**M12x1,5**
		Pad Thickness [mm]	**20**	Caliper Body	**Monobloc**
		Pad Family	**"B09"**	Caliper Material	**Aluminium**
		Disc Thickness [mm]	**24 - 25,4**	Piston Insert	**Steel**
		Hydraulic Threads	**M10x1**	Weight [Kg]	
		Mounting Hole Center [mm]	**146 axial**	Fluid Capacity	



Ø DISC	A	B	C	D	E	F	G
295	167,5	159,6	154,6	149	146,9	138	101,2

	Ø DISC	R	TH DISC	W(DISC)	H(PAD)	TH PAD
MIN	295	126,7	24	45	43	20
MAX	295	126,7	25,4	45	43	20

XA7G01112

P/N XA4.67.51/54

4 PISTON CALIPER

TYPICAL APPLICATION

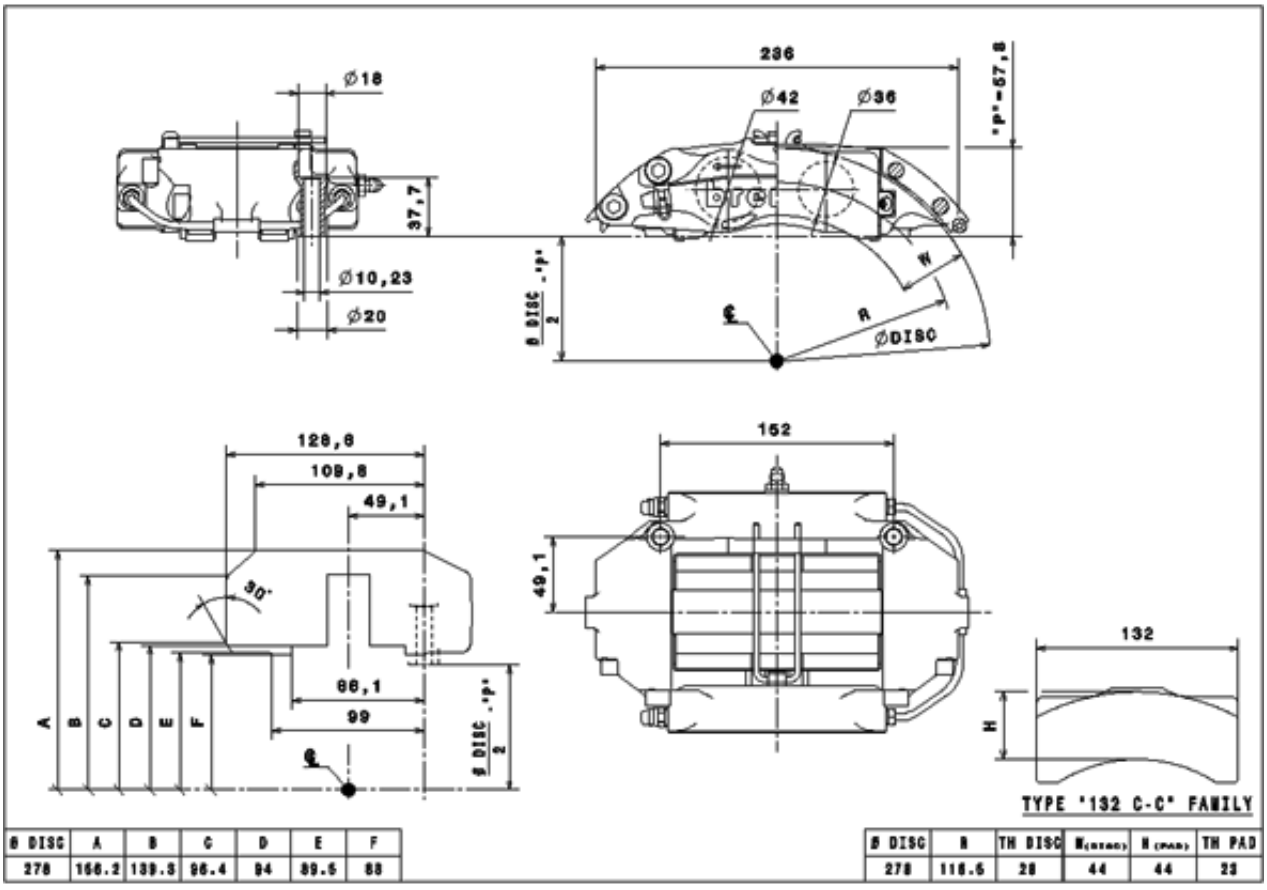
World Series

MOUNTING INFORMATION

Trailing	Leading
RH **XA4.67.52**	RH **XA4.67.54**
LH **XA4.67.51**	LH **XA4.67.53**

TECHNICAL SPECIFICATION

Piston Size [mm]	**36**	Piston Area [cm^2]	**48.06**	Mounting Offset [mm]	**49**
	42	Pad Area [cm^2]	**55**	Mounting Hole Dia. [mm]	**12.23**
		Pad Thickness [mm]	**23**	Caliper Body	**Monobloc**
		Pad Family	**"132-H43"**	Caliper Material	**Aluminium**
		Disc Thickness [mm]	**28**	Piston Insert	**-**
		Hydraulic Threads	**M10x1**	Weight [Kg]	
		Mounting Hole Center [mm]	**152**	Fluid Capacity	**132.1**



Ø DISC	A	B	C	D	E	F
278	166.2	139.3	96.4	84	89.5	88

Ø DISC	R	TH DISC	N (BRAKE)	N (PAD)	TH PAD
278	116.5	28	44	44	23

P/N XA2.E7.01/04

4 PISTON CALIPER

TYPICAL APPLICATION

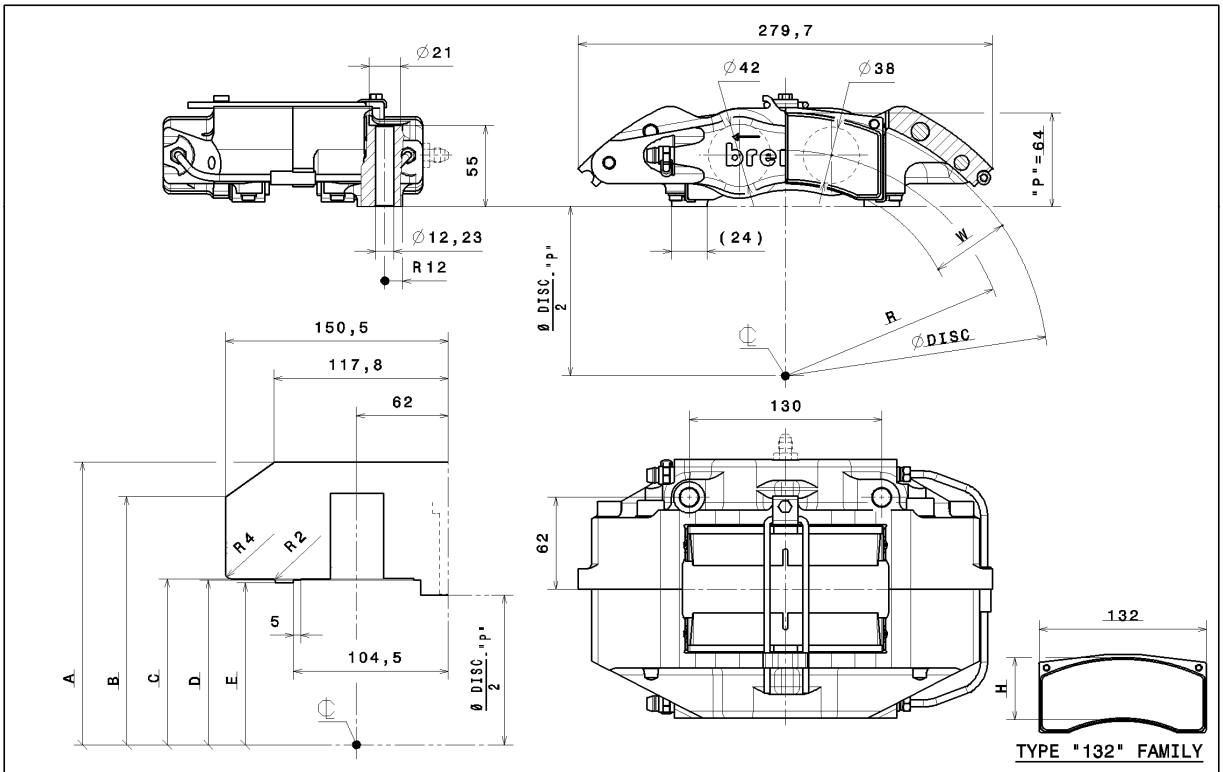
GT

MOUNTING INFORMATION

Trailing	Leading
RH **XA2.E7.02**	RH **XA2.E7.04**
LH **XA2.E7.01**	LH **XA2.E7.03**

TECHNICAL SPECIFICATION

Piston Size [mm]	**38**	Piston Area [cm^2]	**50.39**	Mounting Offset [mm]	**62**
	42	Pad Area [cm^2]	**63**	Mounting Hole Dia. [mm]	**12.23**
		Pad Thickness [mm]	**25 - 26.5**	Caliper Body	**2 Pieces**
		Pad Family	**"132"**	Caliper Material	**Aluminium**
		Disc Thickness [mm]	**32 - 35**	Piston Insert	**-**
		Hydraulic Threads	**M10x1**	Weight [Kg]	**2.95**
		Mounting Hole Center [mm]	**130**	Fluid Capacity	**103.3**



Ø DISC	A	B	C	D	E
332	191	168	112,5	111,5	109,6
355	202	179	124	123	121,6

	Ø DISC	R	TH DISC	W(DISC)	H(PAD)	TH PAD
MIN	332	140	32	53	49	25
MAX	355	151,7	35	53	49	26,5

XA2E70104

P/N XA4.C6.11/14

4 PISTON CALIPER

TYPICAL APPLICATION

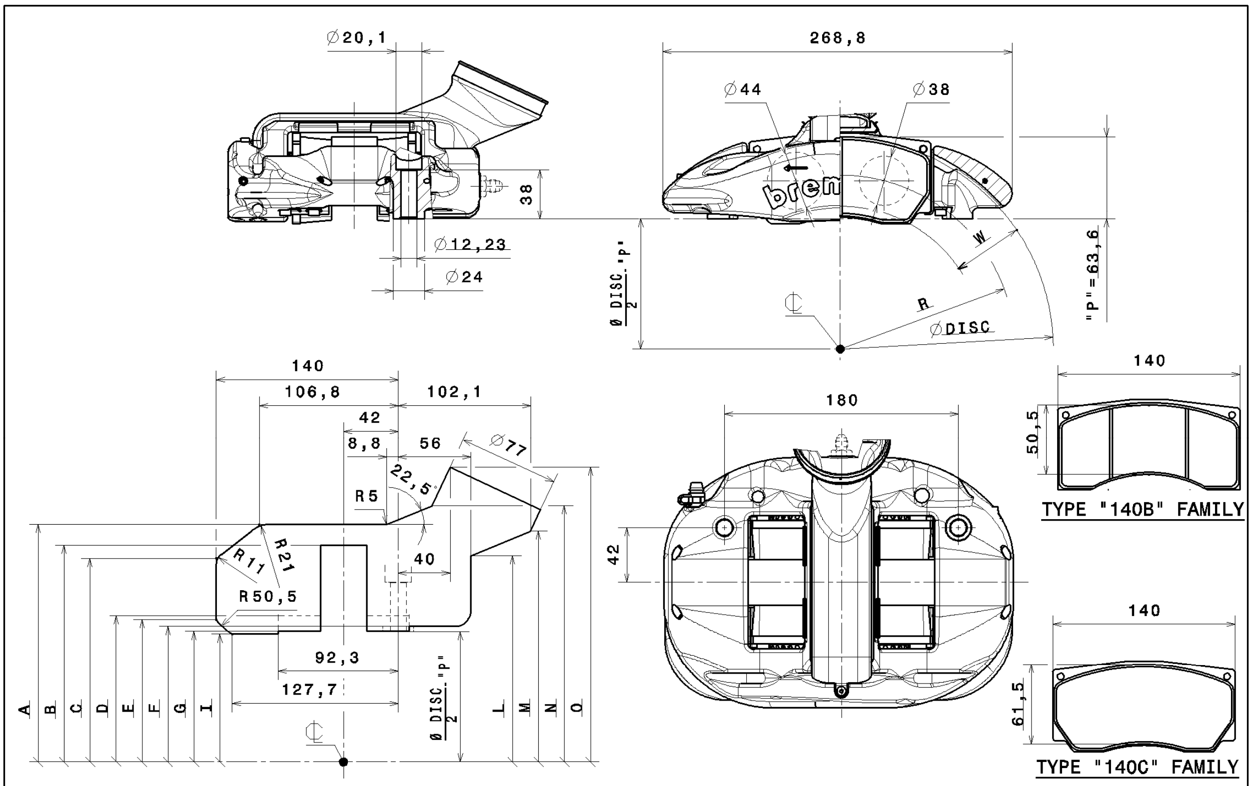
Nascar

MOUNTING INFORMATION

Trailing	Leading
RH **XA4.C6.12**	RH **XA4.C6.14**
LH **XA4.C6.11**	LH **XA4.C6.13**

TECHNICAL SPECIFICATION

Piston Size [mm]	38	Piston Area [cm^2]	53.09	Mounting Offset [mm]	42
	44	Pad Area [cm^2]	65	Mounting Hole Dia. [mm]	12.23
		Pad Thickness [mm]	30	Caliper Body	Monobloc
		Pad Family	"140B";"140C"	Caliper Material	Aluminium
		Disc Thickness [mm]	32 - 35	Piston Insert	
		Hydraulic Threads	M10x1	Weight [Kg]	2.81
		Mounting Hole Center [mm]	180	Fluid Capacity	161.9



Ø DISC	A	B	C	D	E	F	G	I	L	M	N	O
328	183	167	156,8	112,5	109,8	104,6	100,7	98,6	159	178,1	197,5	227,1

	Ø DISC	R	TH DISC	W(DISC)	H(PAD)	TH PAD
MIN	328	134,5	32	53,5	50,5	30
MAX	328	134,5	35	64	61,5	30

XA4C61114

P/N XA4.D3.01/04

4 PISTON CALIPER

TYPICAL APPLICATION

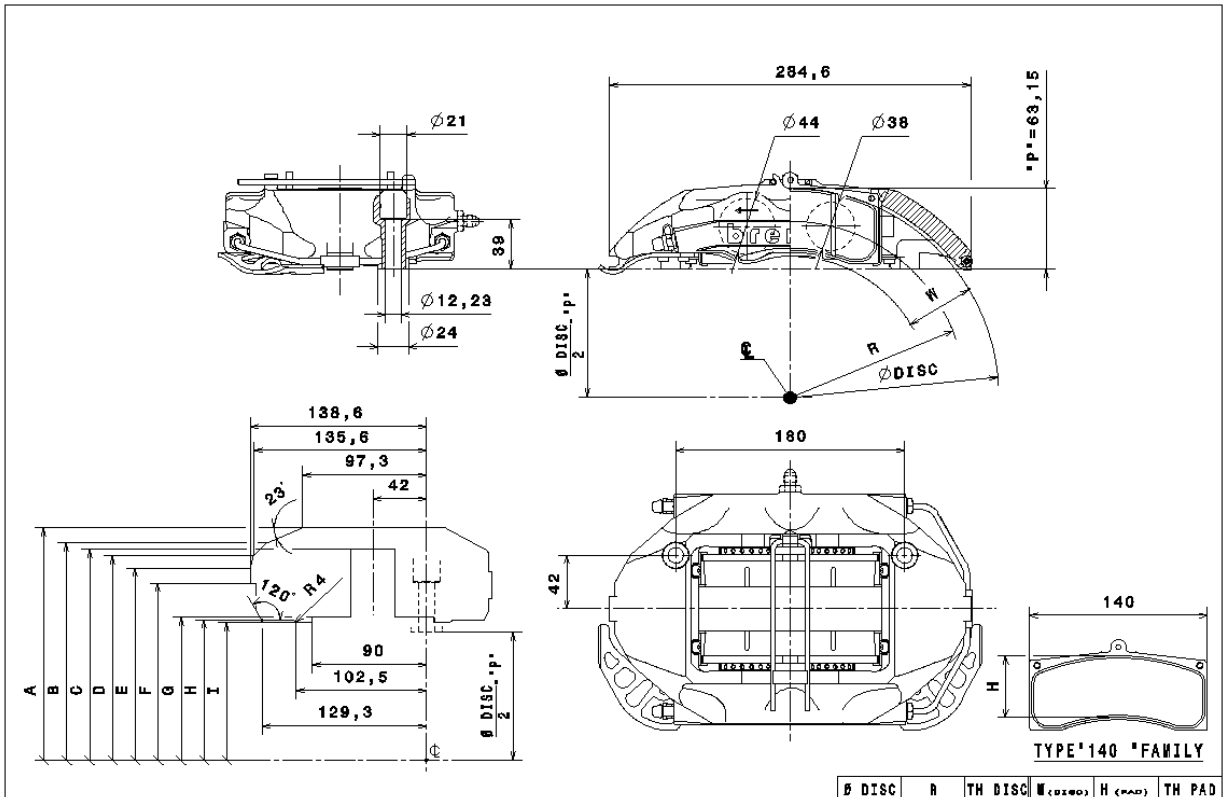
Nascar

MOUNTING INFORMATION

Trailing	Leading
RH **XA4.D3.02**	RH **XA4.D3.04**
LH **XA4.D3.01**	LH **XA4.D3.03**

TECHNICAL SPECIFICATION

Piston Size [mm]	**38**	Piston Area [cm^2]	**53.09**	Mounting Offset [mm]	**42**
	44	Pad Area [cm^2]	**66.5**	Mounting Hole Dia. [mm]	**12.23**
		Pad Thickness [mm]	**25**	Caliper Body	**Monobloc**
		Pad Family	**"140"**	Caliper Material	**Aluminium**
		Disc Thickness [mm]	**32 - 35**	Piston Insert	
		Hydraulic Threads	**M10x1**	Weight [Kg]	
		Mounting Hole Center [mm]	**180**	Fluid Capacity	**135.3**



Ø DISC	A	B	C	D	E	F	G	H	I
328	183	171.1	166	160.8	151.1	139.1	112.5	110.3	108.3

Ø DISC	R	TH DISC	W (DISC)	H (PAD)	TH PAD
328	138	35	53.5	48.5	25
328	138	32	53.5	48.5	25

XA4D30104

P/N XA5.09.01/04

4 PISTON CALIPER

TYPICAL APPLICATION

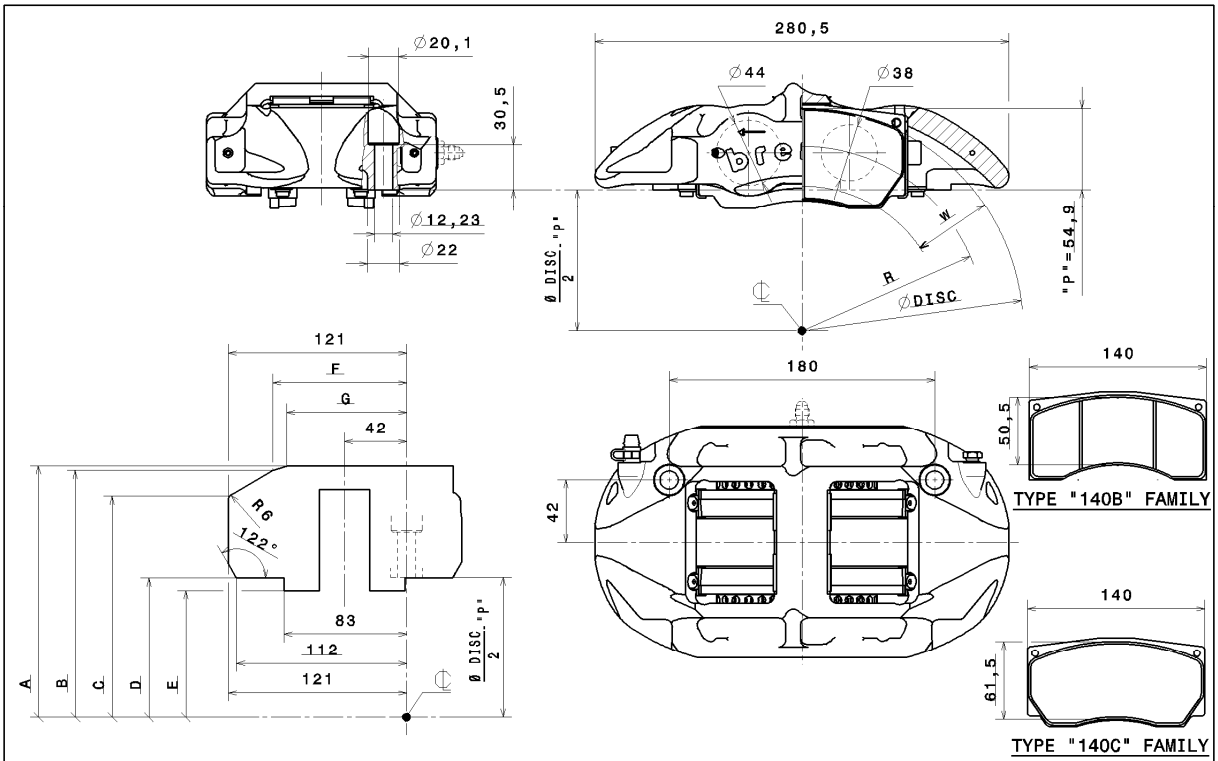
Rally & WTCC

MOUNTING INFORMATION

Trailing	Leading
RH **XA5.09.02**	RH **XA5.09.04**
LH **XA5.09.01**	LH **XA5.09.03**

TECHNICAL SPECIFICATION

Piston Size [mm]	**38**	Piston Area [cm^2]	**53.09**	Mounting Offset [mm]	**42**
	44	Pad Area [cm^2]	**60.9**	Mounting Hole Dia. [mm]	**12.23**
		Pad Thickness [mm]	**17.5**	Caliper Body	**Monobloc**
		Pad Family	**"140B";"140C"**	Caliper Material	**Aluminium**
		Disc Thickness [mm]	**28 - 32**	Piston Insert	**-**
		Hydraulic Threads	**M10x1**	Weight [Kg]	**2.47**
		Mounting Hole Center [mm]	**180**	Fluid Capacity	**95.56**



Ø DISC	A	B	C	D	E	F	G
300	177,5	167,6	154	95,1	86,4	91,7	60,9
355	197,5	194,5	177	121,8	113,3	90,7	81,3

	Ø DISC	R	TH DISC	W(DISC)	H(PAD)	TH PAD
MIN	300	124,5	28	52,5	50,5	17,5
MAX	355	151,2	32	64	61,5	17,5

XA5090104

P/N XA5.90.01/04

4 PISTON CALIPER

TYPICAL APPLICATION

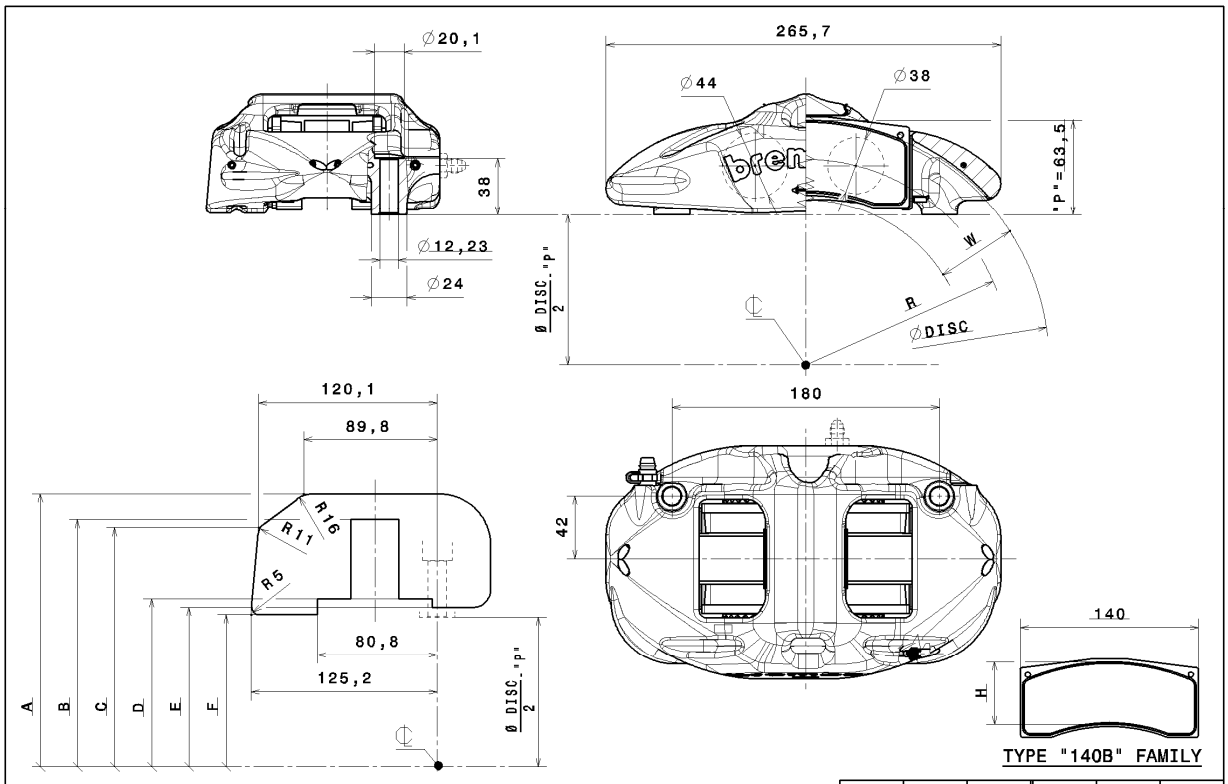
Nascar

MOUNTING INFORMATION

Trailing	Leading
RH XA5.90.02	RH XA5.90.04
LH XA5.90.01	LH XA5.90.03

TECHNICAL SPECIFICATION

Piston Size [mm]	38	Piston Area [cm^2]	53.09	Mounting Offset [mm]	42
	44	Pad Area [cm^2]	65	Mounting Hole Dia. [mm]	12.23
		Pad Thickness [mm]	20	Caliper Body	Monobloc
		Pad Family	"140B"	Caliper Material	Aluminium
		Disc Thickness [mm]	28 - 32	Piston Insert	
		Hydraulic Threads	M10x1	Weight [Kg]	2.40
		Mounting Hole Center [mm]	180	Fluid Capacity	108.8



Ø DISC	A	B	C	D	E	F
328	183,2	166	160,5	112,7	107,2	102,1

	Ø DISC	R	TH DISC	W(DISC)	H(PAD)	TH PAD
MIN	328	138	28	53,5	50,5	20
MAX	328	138	32	53,5	50,5	20

XA5900104

P/N XA5.T0.01/04

4 PISTON CALIPER

TYPICAL APPLICATION

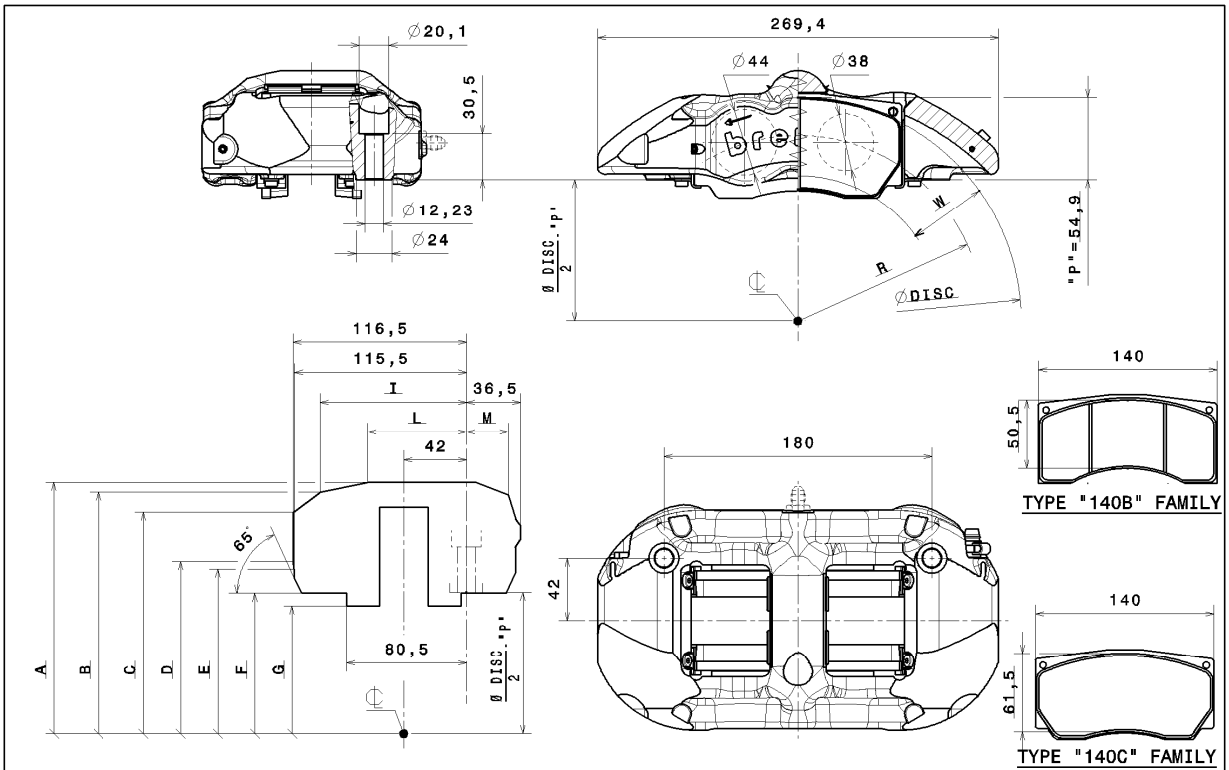
Rally

MOUNTING INFORMATION

Trailing	Leading
RH **XA5.T0.02**	RH **XA5.T0.04**
LH **XA5.T0.01**	LH **XA5.T0.03**

TECHNICAL SPECIFICATION

Piston Size [mm]	**38**	Piston Area [cm^2]	**53.09**	Mounting Offset [mm]	**42**
	44	Pad Area [cm^2]	**60.9**	Mounting Hole Dia. [mm]	**12.23**
		Pad Thickness [mm]	**17.5**	Caliper Body	**Monobloc**
		Pad Family	**"140B";"140C"**	Caliper Material	**Aluminium**
		Disc Thickness [mm]	**28 - 32**	Piston Insert	**Steel**
		Hydraulic Threads	**M10x1**	Weight [Kg]	**2.66**
		Mounting Hole Center [mm]	**180**	Fluid Capacity	**95.56**



Ø DISC	A	B	C	D	E	F	G	I	L	M
300	176,6	163,3	150,7	118,1	112,9	95	86,4	101,5	42,3	27,2
355	196	189,5	176,1	143,1	138,1	121,8	113,3	98,3	66,5	28,3

	Ø DISC	R	TH DISC	W(DISC)	H(PAD)	TH PAD
MIN	300	124,5	28	52,5	50,5	17,5
MAX	355	151,2	32	64	61,5	17,5

XA5T00104

P/N XA4.10.01/04

4 PISTON F3 CALIPER

TYPICAL APPLICATION

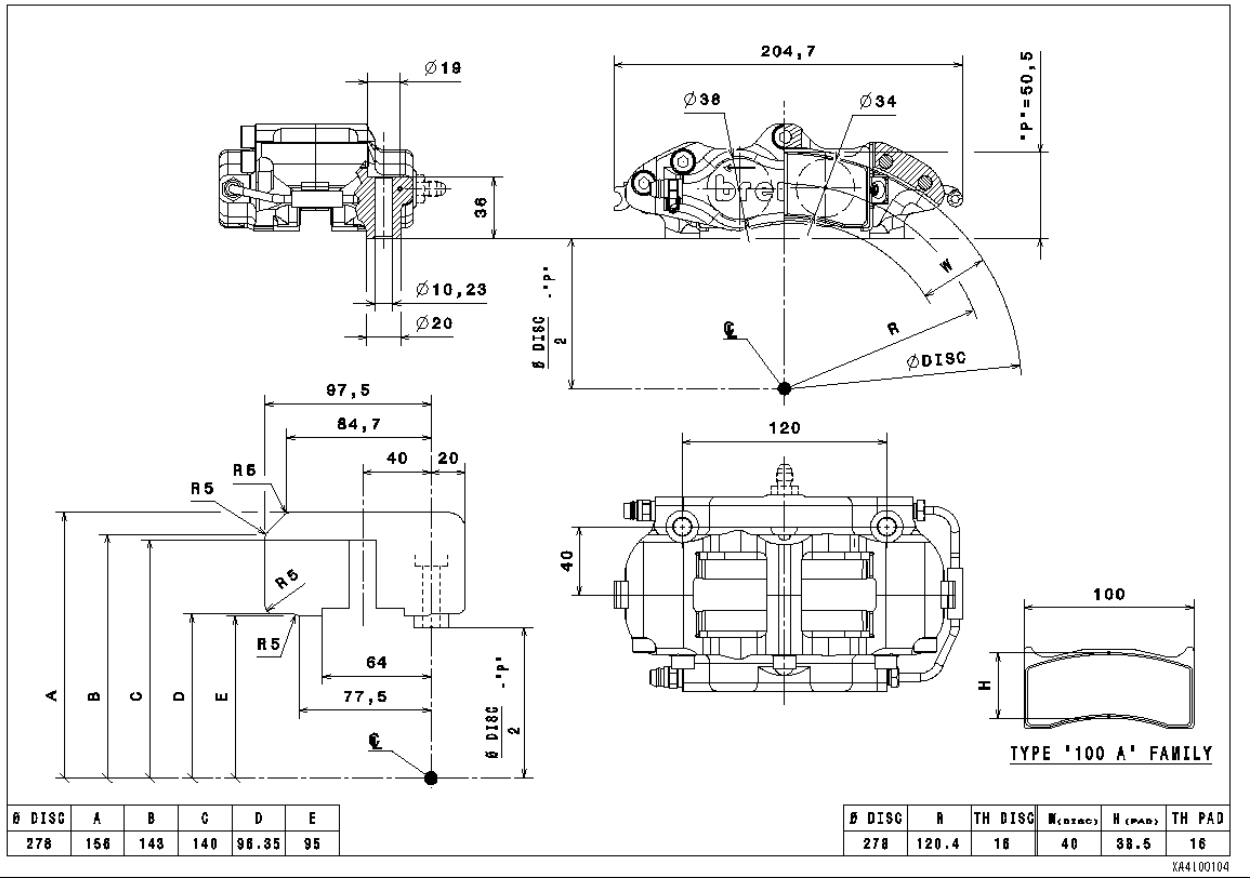
F3

MOUNTING INFORMATION

Trailing	Leading
RH **XA4.10.02**	RH **XA4.10.04**
LH **XA4.10.01**	LH **XA4.10.03**

TECHNICAL SPECIFICATION

Piston Size [mm]	**34**	Piston Area [cm^2]	**40.84**	Mounting Offset [mm]	**40**
	38	Pad Area [cm^2]	**36.5**	Mounting Hole Dia. [mm]	**10**
		Pad Thickness [mm]	**16**	Caliper Body	**2 pieces**
		Pad Family	**"100-H38.5"**	Caliper Material	**Aluminium**
		Disc Thickness [mm]	**16**	Piston Insert	**-**
		Hydraulic Threads	**M10x1**	Weight [Kg]	**1.30**
		Mounting Hole Center [mm]	**120**	Fluid Capacity	**51.05**



Ø DISC	A	B	C	D	E
278	156	143	140	96.35	95

Ø DISC	R	TH DISC	W(DISC)	H(PAD)	TH PAD
278	120.4	16	40	38.5	16

P/N XA1.37.11/14

4 PISTON F3000 CALIPER

TYPICAL APPLICATION

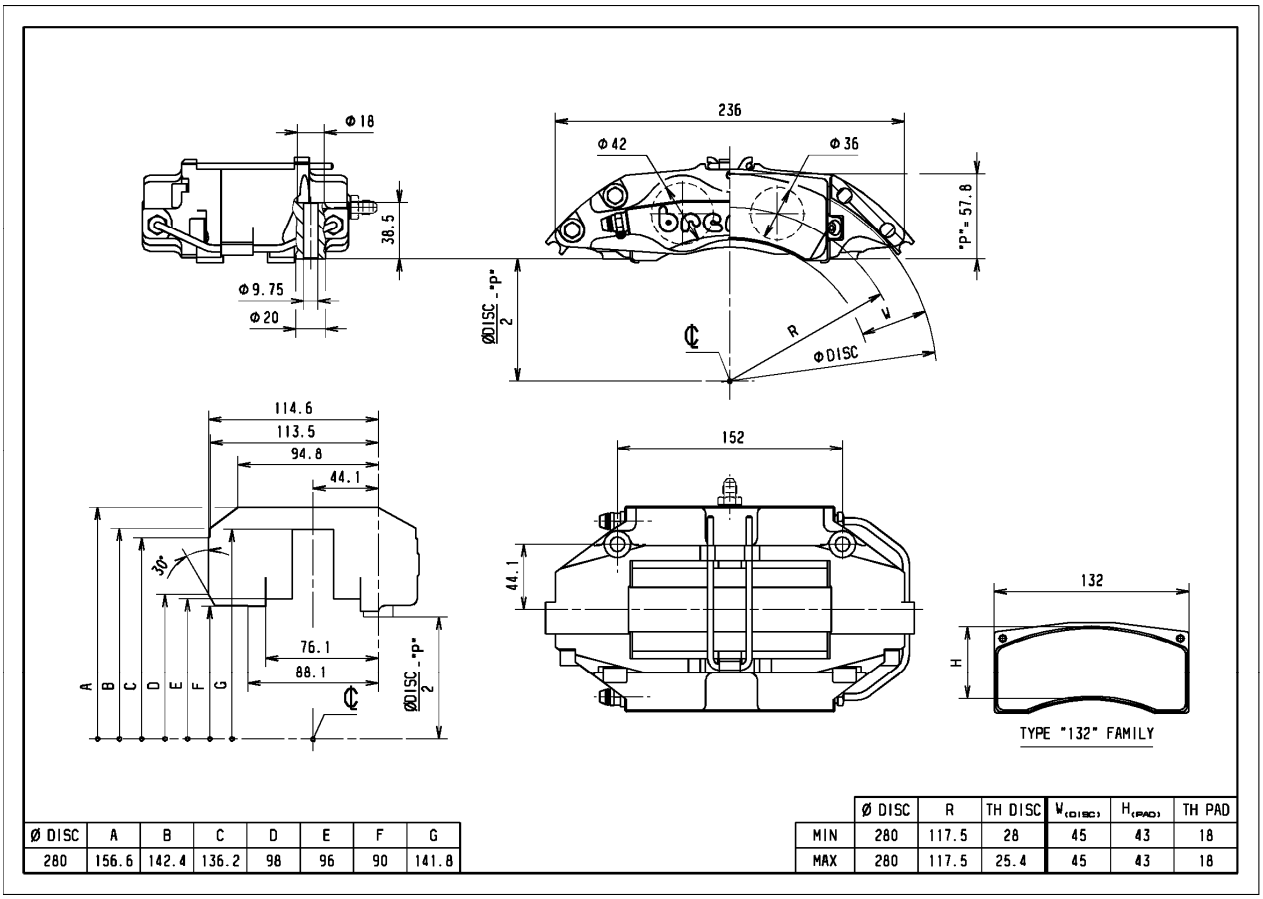
F3000

MOUNTING INFORMATION

Trailing	Leading
RH **XA1.37.12**	RH **XA1.37.14**
LH **XA1.37.11**	LH **XA1.37.13**

TECHNICAL SPECIFICATION

Piston Size [mm]	**36**	Piston Area [cm^2]	**48.06**	Mounting Offset [mm]	**44.1**
	42	Pad Area [cm^2]	**55**	Mounting Hole Dia. [mm]	**9.75**
		Pad Thickness [mm]	**18**	Caliper Body	**2 pieces**
		Pad Family	**"132"**	Caliper Material	**Aluminium**
		Disc Thickness [mm]	**28**	Piston Insert	**-**
		Hydraulic Threads	**M10x1**	Weight [Kg]	**1.86**
		Mounting Hole Center [mm]	**152**	Fluid Capacity	**64.88**



Ø DISC	A	B	C	D	E	F	G
280	156.6	142.4	136.2	98	96	90	141.8

	Ø DISC	R	TH DISC	$W_{(DISC)}$	$H_{(PAD)}$	TH PAD
MIN	280	117.5	28	45	43	18
MAX	280	117.5	25.4	45	43	18

P/N 20.8271.10/40

4 PISTON GT CALIPER

TYPICAL APPLICATION

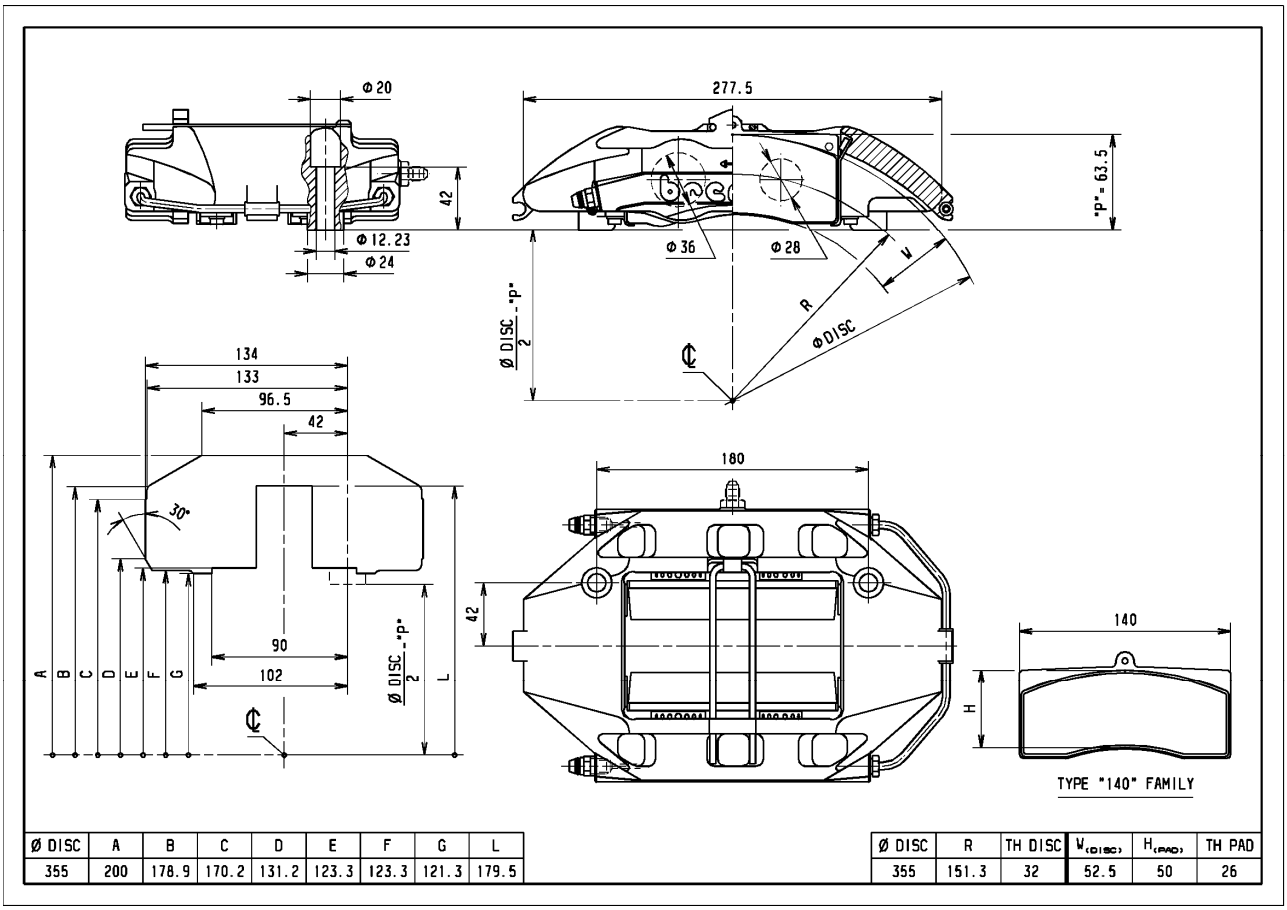
Grand Touring

MOUNTING INFORMATION

Trailing	Leading
RH 20.8271.20	RH 20.8271.40
LH 20.8271.10	LH 20.8271.30

TECHNICAL SPECIFICATION

Piston Size [mm]	28	Piston Area [cm^2]	32.67	Mounting Offset [mm]	42
	36	Pad Area [cm^2]	65	Mounting Hole Dia. [mm]	12.23
		Pad Thickness [mm]	26	Caliper Body	Monobloc
		Pad Family	"140"	Caliper Material	Aluminium
		Disc Thickness [mm]	32	Piston Insert	Titanium
		Hydraulic Threads	M10x1	Weight [Kg]	2.98
		Mounting Hole Center [mm]	180	Fluid Capacity	66.97



Ø DISC	A	B	C	D	E	F	G	L
355	200	178.9	170.2	131.2	123.3	123.3	121.3	179.5

Ø DISC	R	TH DISC	$V_{(DISC)}$	$H_{(PAD)}$	TH PAD
355	151.3	32	52.5	50	26

P/N X9.060.91/94

4 PISTON GT CALIPER

TYPICAL APPLICATION

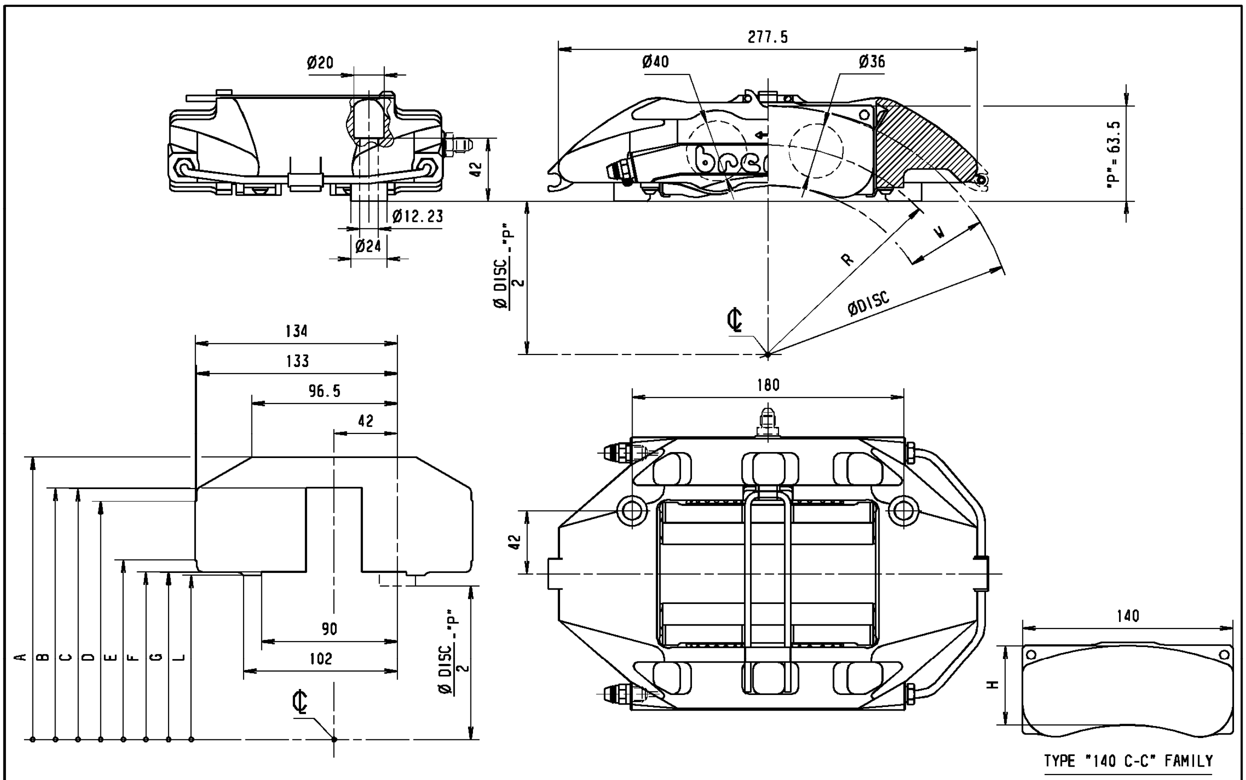
Grand Touring

MOUNTING INFORMATION

Trailing	Leading
RH **X9.060.92**	RH **X9.060.94**
LH **X9.060.91**	LH **X9.060.93**

TECHNICAL SPECIFICATION

Piston Size [mm]	36	Piston Area [cm^2]	45.49	Mounting Offset [mm]	42
	40	Pad Area [cm^2]	65	Mounting Hole Dia. [mm]	12.23
		Pad Thickness [mm]	26	Caliper Body	Monobloc
		Pad Family	"140C-C"	Caliper Material	Aluminium
		Disc Thickness [mm]	32	Piston Insert	Titanium
		Hydraulic Threads	M10x1	Weight [Kg]	2.92
		Mounting Hole Center [mm]	180	Fluid Capacity	86.43



Ø DISC	A	B	C	D	E	F	G	L
332	188.5	168	167.4	158.7	120	112	111.8	109.8
355	200	179.5	178.9	170.2	131.5	123.5	123.3	121.3

	Ø DISC	R	TH DISC	$W_{(DISC)}$	$H_{(PAD)}$	TH PAD
MIN	332	140	37	53	53	26.5
MAX	355	151	37	53	53	26.5

P/N X99.73.11/14

4 PISTON GT CALIPER

TYPICAL APPLICATION

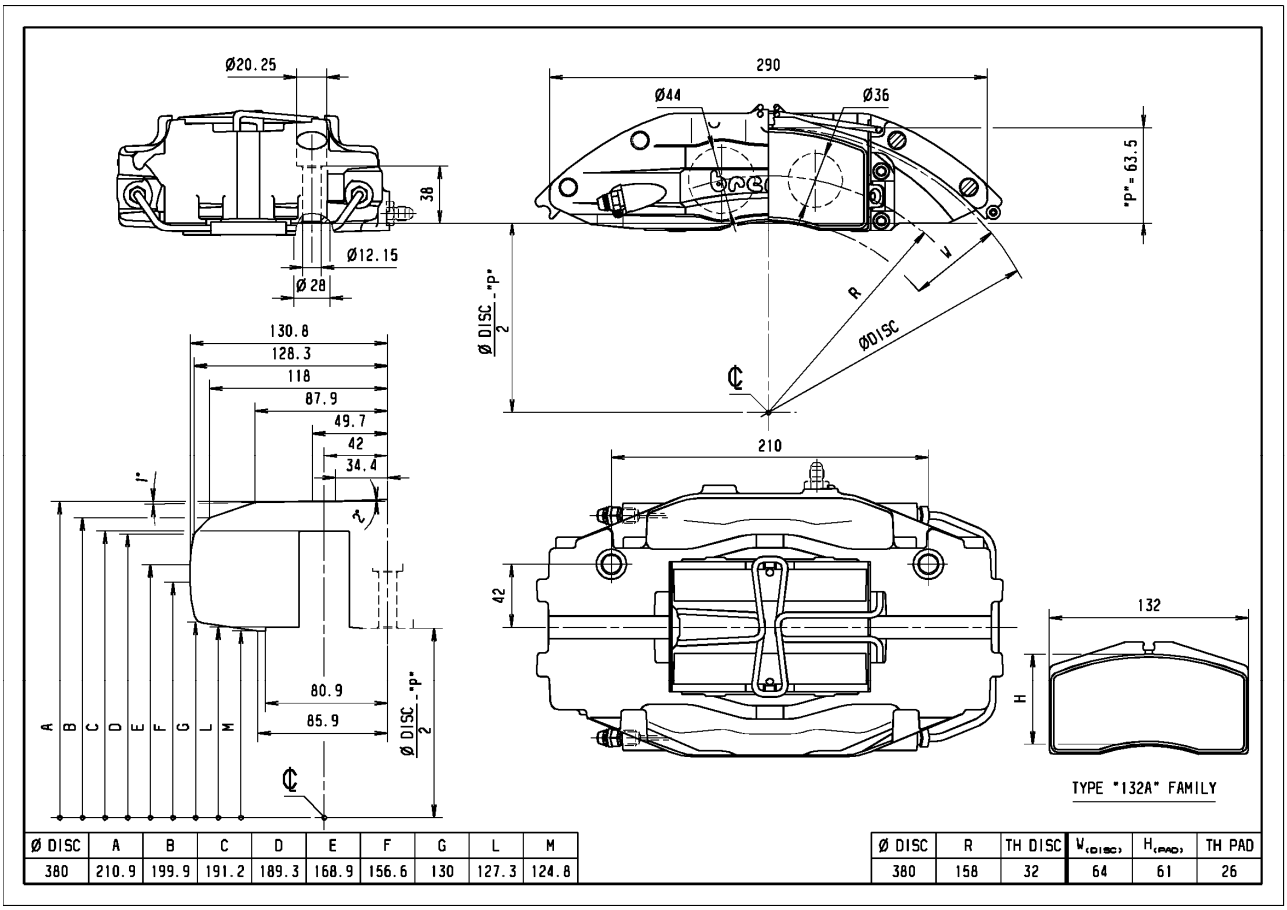
Porsche Grand Touring (GT3-R) front

MOUNTING INFORMATION

Trailing	Leading
RH **X99.73.12**	RH **X99.73.14**
LH **X99.73.11**	LH **X99.73.13**

TECHNICAL SPECIFICATION

Piston Size [mm]	**36**	Piston Area [cm^2]	**50.76**	Mounting Offset [mm]	**42**
	44	Pad Area [cm^2]	**77**	Mounting Hole Dia. [mm]	**12.15**
		Pad Thickness [mm]	**26.5**	Caliper Body	**2 Pieces**
		Pad Family	**"132A"**	Caliper Material	**Aluminium**
		Disc Thickness [mm]	**32**	Piston Insert	**-**
		Hydraulic Threads	**M10x1**	Weight [Kg]	**4.00**
		Mounting Hole Center [mm]	**210**	Fluid Capacity	**111.6**



Ø DISC	A	B	C	D	E	F	G	L	M
380	210.9	199.9	191.2	189.3	168.9	156.6	130	127.3	124.8

Ø DISC	R	TH DISC	$W_{(DISC)}$	$H_{(PAD)}$	TH PAD
380	158	32	64	61	26

P/N X9.060.51/54

4 PISTON GT CALIPER

TYPICAL APPLICATION

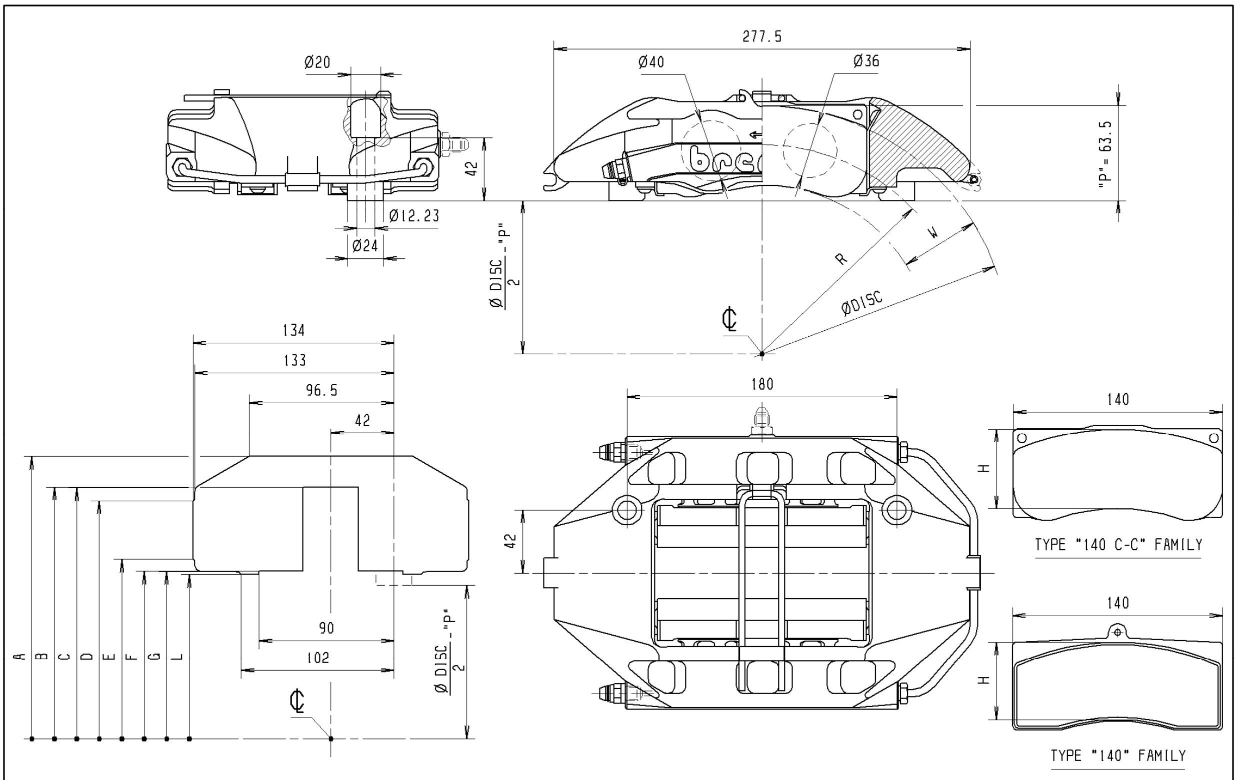
Grand Touring

MOUNTING INFORMATION

Trailing	**Leading**
RH **X9.060.52**	RH **X9.060.54**
LH **X9.060.51**	LH **X9.060.53**

TECHNICAL SPECIFICATION

Piston Size [mm]	**36**	Piston Area [cm²]	**53.09**	Mounting Offset [mm]	**42**
	40	Pad Area [cm²]	**65**	Mounting Hole Dia. [mm]	**10.23**
		Pad Thickness [mm]	**25**	Caliper Body	**Monobloc**
		Pad Family	**"140"-"140C-C"**	Caliper Material	**Aluminium**
		Disc Thickness [mm]	**35**	Piston Insert	**Titanium**
		Hydraulic Threads	**M10x1**	Weight [Kg]	**2.92**
		Mounting Hole Center [mm]	**180**	Fluid Capacity	**103.5**



Ø DISC	A	B	C	D	E	F	G	L
332	188.5	168	167.4	158.7	120	112	111.8	109.8
355	200	179.5	178.9	170.2	131.5	123.5	123.3	121.3

	Ø DISC	R	TH DISC	W (DISC)	H (PAD)	TH PAD
MIN	332	140	28	53	50	25
MAX	355	151	35	53	53	26.5

X90605154

P/N X9.060.71/74

4 PISTON GT CALIPER

TYPICAL APPLICATION

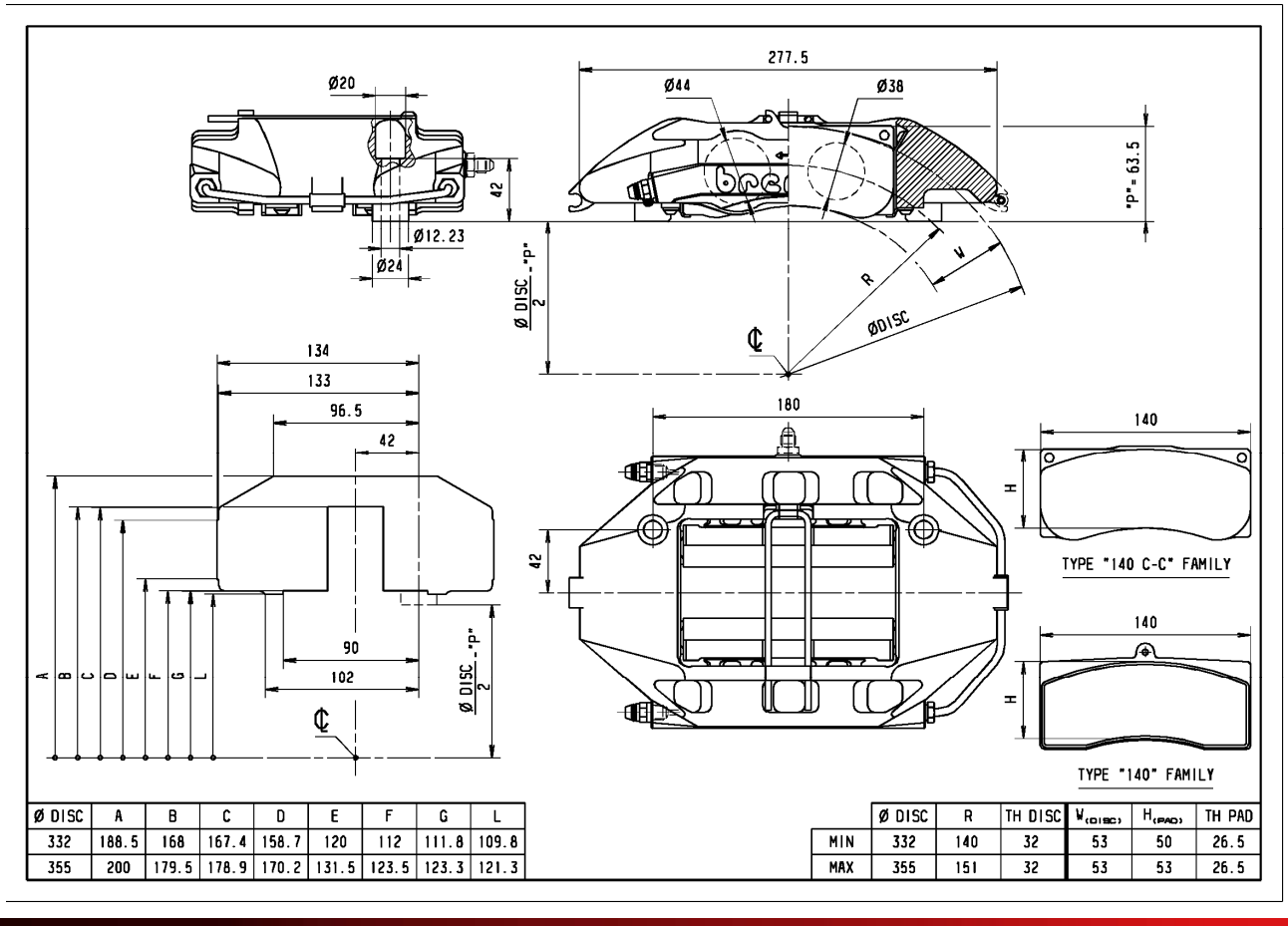
Grand Touring

MOUNTING INFORMATION

Trailing	Leading
RH **X9.060.72**	RH **X9.060.74**
LH **X9.060.71**	LH **X9.060.73**

TECHNICAL SPECIFICATION

Piston Size [mm]	**38**	Piston Area [cm^2]	**53.09**	Mounting Offset [mm]	**42**
	44	Pad Area [cm^2]	**65**	Mounting Hole Dia. [mm]	**10.23**
		Pad Thickness [mm]	**25**	Caliper Body	**Monobloc**
		Pad Family	**"140"-"140C-C"**	Caliper Material	**Aluminium**
		Disc Thickness [mm]	**35**	Piston Insert	**Titanium**
		Hydraulic Threads	**M10x1**	Weight [Kg]	**2.92**
		Mounting Hole Center [mm]	**180**	Fluid Capacity	**103.5**



Ø DISC	A	B	C	D	E	F	G	L
332	188.5	168	167.4	158.7	120	112	111.8	109.8
355	200	179.5	178.9	170.2	131.5	123.5	123.3	121.3

	Ø DISC	R	TH DISC	$W_{(DISC)}$	$H_{(PAD)}$	TH PAD
MIN	332	140	32	53	50	26.5
MAX	355	151	32	53	53	26.5

P/N XA2.30.11/14

4 PISTON LATE MODEL REAR

TYPICAL APPLICATION

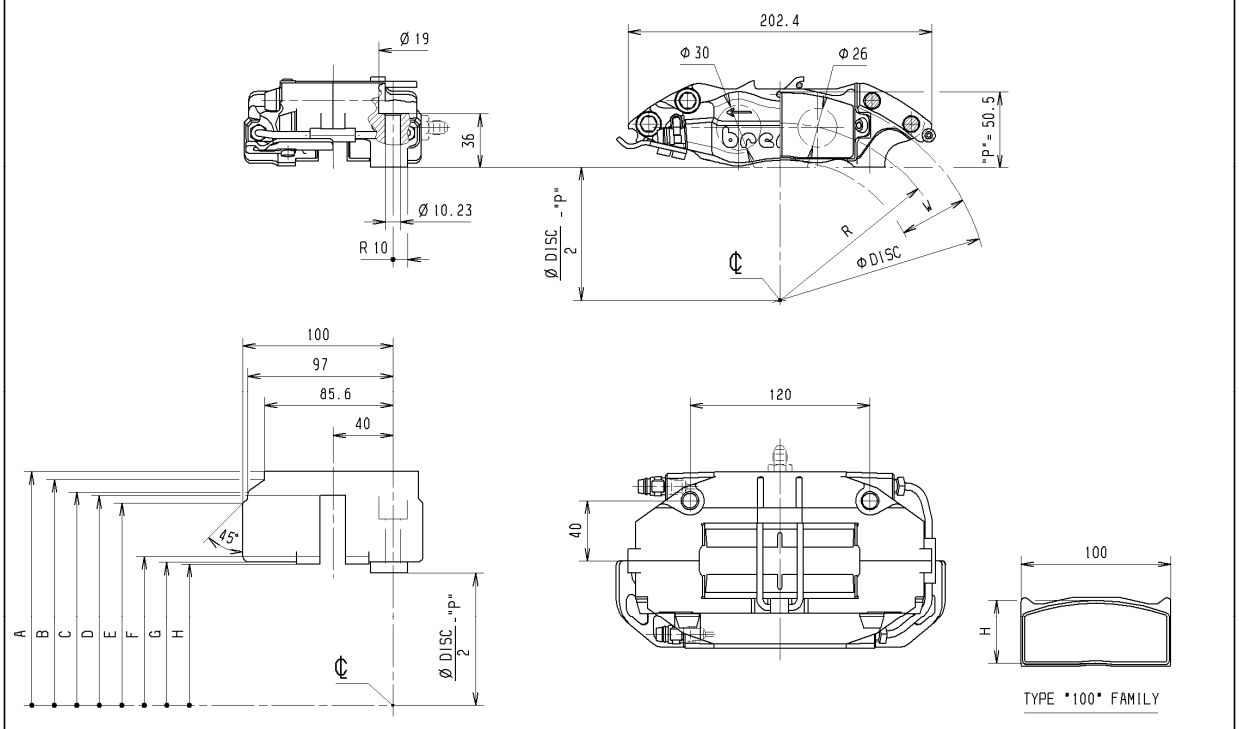
Late model rear

MOUNTING INFORMATION

Trailing	Leading
RH **XA2.30.12**	RH **XA2.30.14**
LH **XA2,30,11**	LH **XA2,30,13**

TECHNICAL SPECIFICATION

Piston Size [mm]	**26**	Piston Area [cm^2]	**24.75**	Mounting Offset [mm]	**40**
	30	Pad Area [cm^2]	**39.5**	Mounting Hole Dia. [mm]	**10.23**
		Pad Thickness [mm]	**16**	Caliper Body	**2 Pieces**
		Pad Family	**"100"**	Caliper Material	**Aluminium**
		Disc Thickness [mm]	**16**	Piston Insert	**Titanium**
		Hydraulic Threads	**M10x1**	Weight [Kg]	
		Mounting Hole Center [mm]	**120**	Fluid Capacity	**30.94**



Ø DISC	A	B	C	D	E	F	G	H
278	156	150.7	142.45	140	135	99.5	95.7	94.5

Ø DISC	R	TH DISC	$W_{(DISC)}$	$H_{(PAD)}$	TH PAD
278	118.4	16	45	42.5	16

XA2301114

P/N XA2.30.31/34

4 PISTON LATE MODEL REAR

TYPICAL APPLICATION

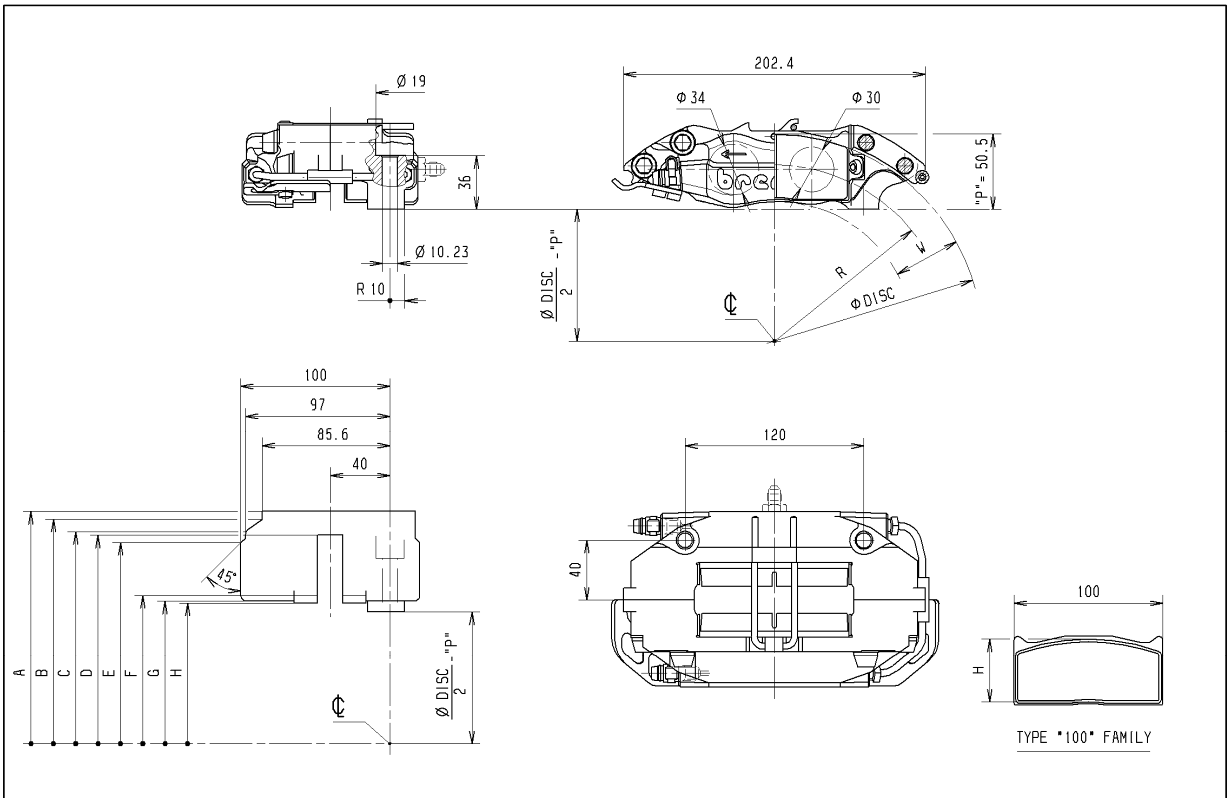
Late model rear

MOUNTING INFORMATION

Trailing	Leading
RH **XA2.30.32**	RH **XA2.30.34**
LH **XA2.30.31**	LH **XA2.30.33**

TECHNICAL SPECIFICATION

Piston Size [mm]	30	Piston Area [cm^2]	32.29	Mounting Offset [mm]	40
	34	Pad Area [cm^2]	39.5	Mounting Hole Dia. [mm]	10.23
		Pad Thickness [mm]	16	Caliper Body	2 Pieces
		Pad Family	"100"	Caliper Material	Aluminium
		Disc Thickness [mm]	16	Piston Insert	Titanium
		Hydraulic Threads	M10x1	Weight [Kg]	
		Mounting Hole Center [mm]	120	Fluid Capacity	40.36



Ø DISC	A	B	C	D	E	F	G	H
278	156	150.7	142.45	140	135	99.5	95.7	94.5

Ø DISC	R	TH DISC	$W_{(DISC)}$	$H_{(PAD)}$	TH PAD
278	118.4	16	45	42.5	16

XA2303134

P/N XA2.E5.01/04

4 PISTON NASCAR REAR

TYPICAL APPLICATION

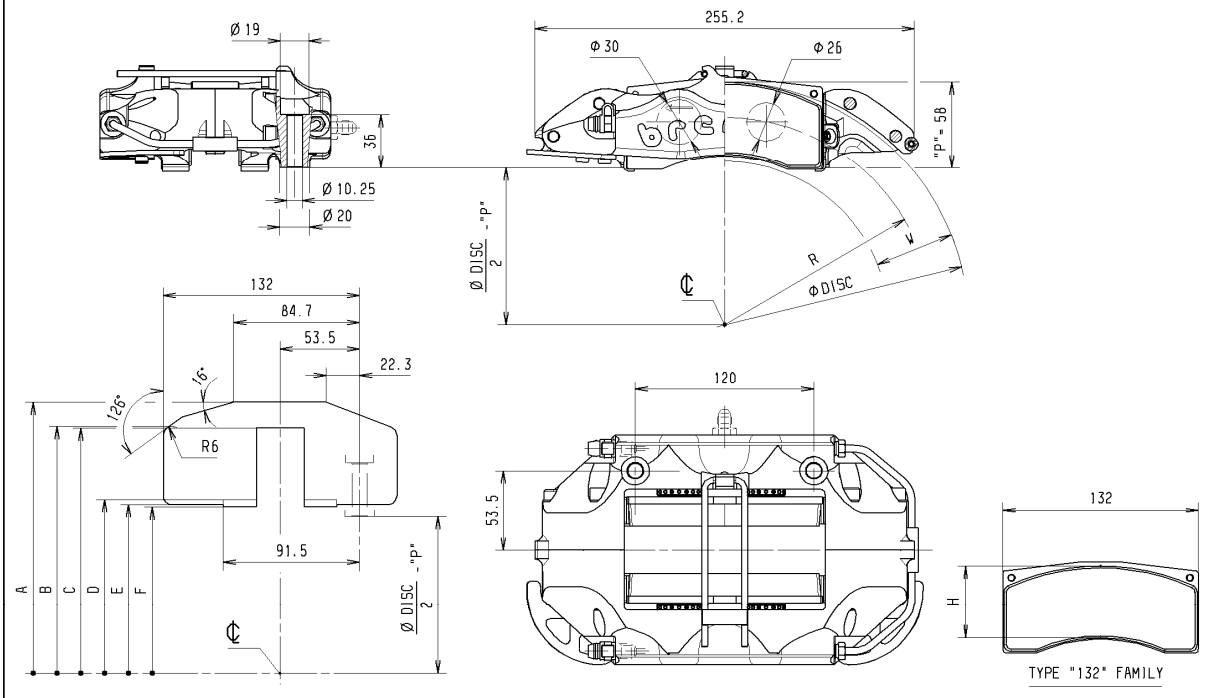
Nascar rear

MOUNTING INFORMATION

Trailing	Leading
RH **XA2.E5.02**	RH **XA2.E5.04**
LH **XA2.E5.01**	LH **XA2.E5.03**

TECHNICAL SPECIFICATION

Piston Size [mm]	**26**	Piston Area [cm^2]	**24.75**	Mounting Offset [mm]	**53.5**
	30	Pad Area [cm^2]	**63**	Mounting Hole Dia. [mm]	**10.25**
		Pad Thickness [mm]	**20**	Caliper Body	**2 Pieces**
		Pad Family	**"132"**	Caliper Material	**Aluminium**
		Disc Thickness [mm]	**28 - 32**	Piston Insert	**Titanium**
		Hydraulic Threads	**M10x1**	Weight [Kg]	**2.20**
		Mounting Hole Center [mm]	**120**	Fluid Capacity	**36.39**



Ø DISC	A	B	C	D	E	F
313	176.5	160.2	159	110.9	107.5	105.9
328	183	166.7	165.5	117.4	114	112.4

	Ø DISC	R	TH DISC	$W_{(DISC)}$	$H_{(PAD)}$	TH PAD
MIN	313	134	28	47.5	43	20
MAX	328	140.3	32	53.5	49	20

XA2E50104

P/N XA2.E5.11/14

4 PISTON NASCAR REAR

TYPICAL APPLICATION

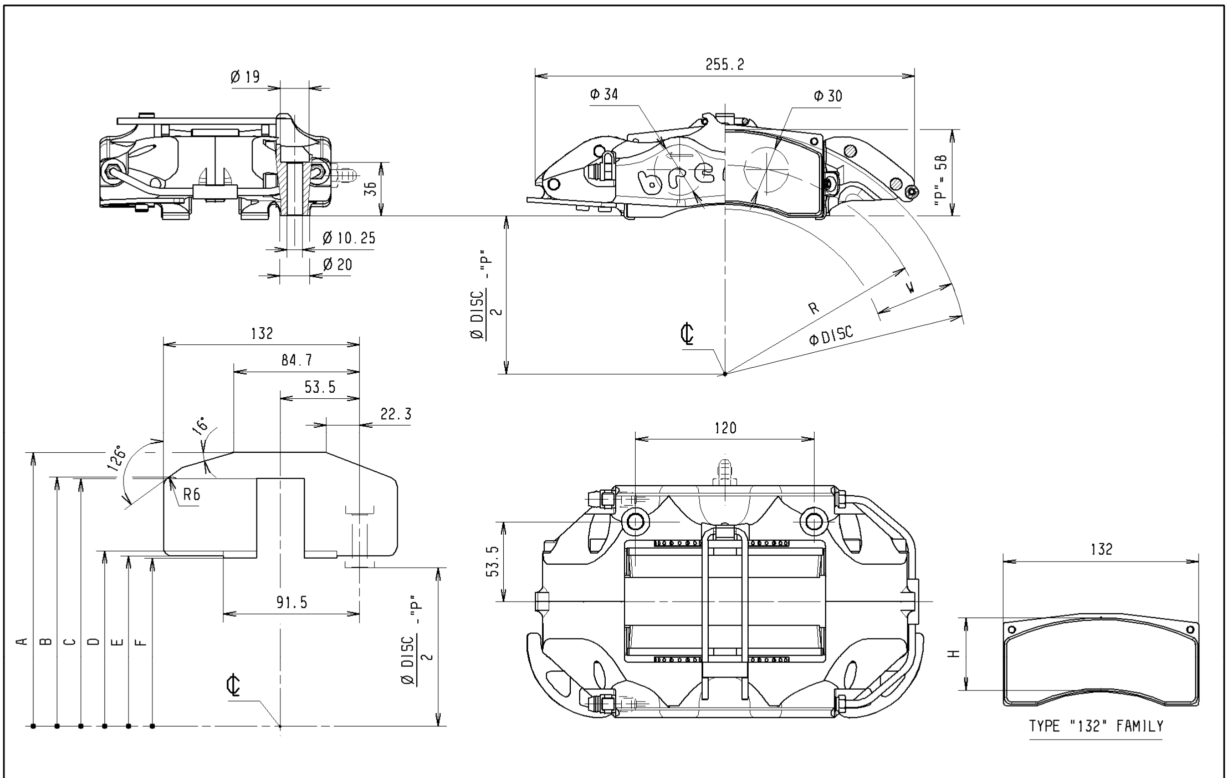
Nascar rear

MOUNTING INFORMATION

Trailing	Leading
RH **XA2.E5.12**	RH **XA2.E5.14**
LH **XA2.E5.11**	LH **XA2.E5.13**

TECHNICAL SPECIFICATION

Piston Size [mm]	**30**	Piston Area [cm^2]	**32.29**	Mounting Offset [mm]	**53.5**
	34	Pad Area [cm^2]	**63**	Mounting Hole Dia. [mm]	**10.25**
		Pad Thickness [mm]	**20**	Caliper Body	**2 Pieces**
		Pad Family	**"132"**	Caliper Material	**Aluminium**
		Disc Thickness [mm]	**28 - 32**	Piston Insert	**Titanium**
		Hydraulic Threads	**M10x1**	Weight [Kg]	**2.15**
		Mounting Hole Center [mm]	**120**	Fluid Capacity	**47.47**



Ø DISC	A	B	C	D	E	F
313	176.5	160.2	159	110.9	107.5	105.9
328	183	166.7	165.5	117.4	114	112.4

	Ø DISC	R	TH DISC	$W_{(DISC)}$	$H_{(PAD)}$	TH PAD
MIN	313	134	28	47.5	43	20
MAX	328	140.3	32	53.5	49	20

XA2E51114

P/N XA3.A4.41/44

4 PISTON NASCAR RESTYLING REAR

TYPICAL APPLICATION

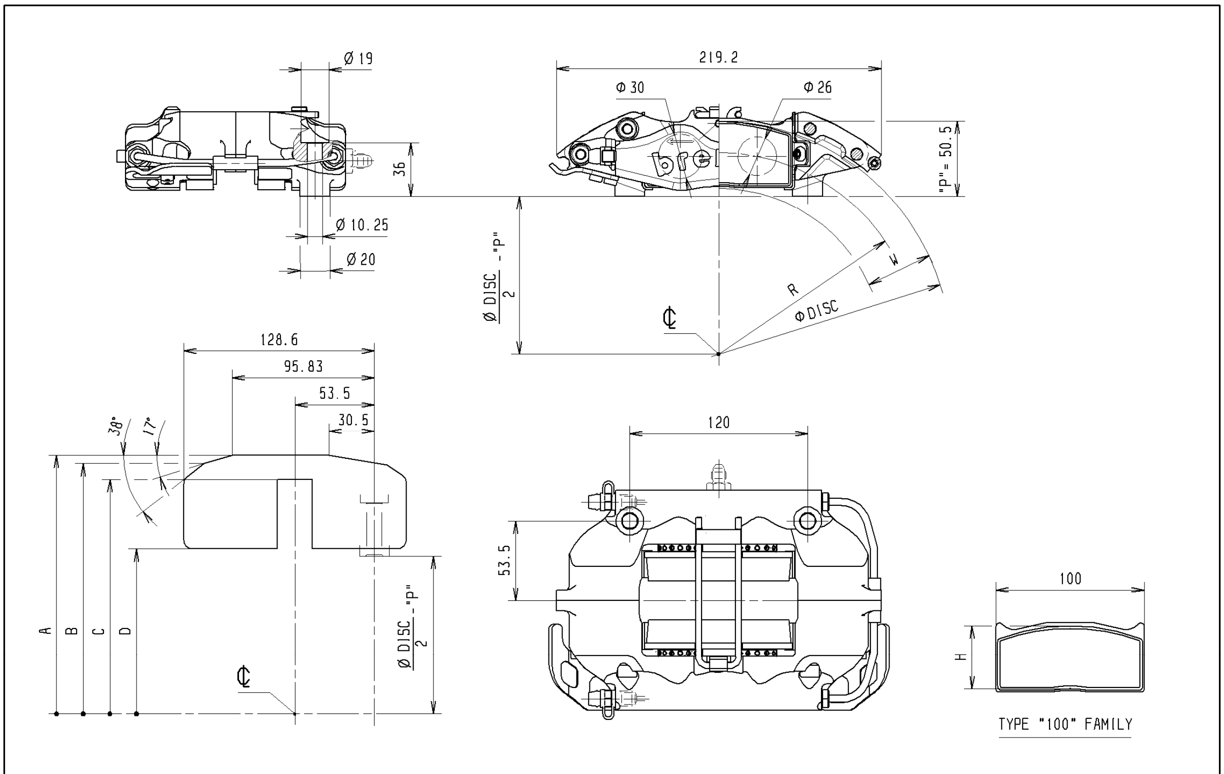
Nascar rear

MOUNTING INFORMATION

Trailing	Leading
RH **XA3.A4.42**	RH **XA3.A4.44**
LH **XA3.A4.41**	LH **XA3.A4.43**

TECHNICAL SPECIFICATION

Piston Size [mm]	**26**	Piston Area [cm^2]	**24.75**	Mounting Offset [mm]	**53.5**
	30	Pad Area [cm^2]	**38**	Mounting Hole Dia. [mm]	**10.25**
		Pad Thickness [mm]	**20**	Caliper Body	**2 Pieces**
		Pad Family	**"100"**	Caliper Material	**Aluminium**
		Disc Thickness [mm]	**24 - 25.4**	Piston Insert	**Titanium**
		Hydraulic Threads	**M10x1**	Weight [Kg]	**1.75**
		Mounting Hole Center [mm]	**120**	Fluid Capacity	**40.84**



Ø DISC	A	B	C	D
278	156.6	150.8	140.0	93.5
313	174.1	168.3	157.5	111

	Ø DISC	R	TH DISC	$W_{(DISC)}$	$H_{(PAD)}$	TH PAD
MIN	278	118.4	24	45	42.5	20
MAX	313	135.5	25.4	45	42.5	20

XA3A44144

P/N XA3.A4.01/04

4 PISTON NASCAR RESTYLING REAR

TYPICAL APPLICATION

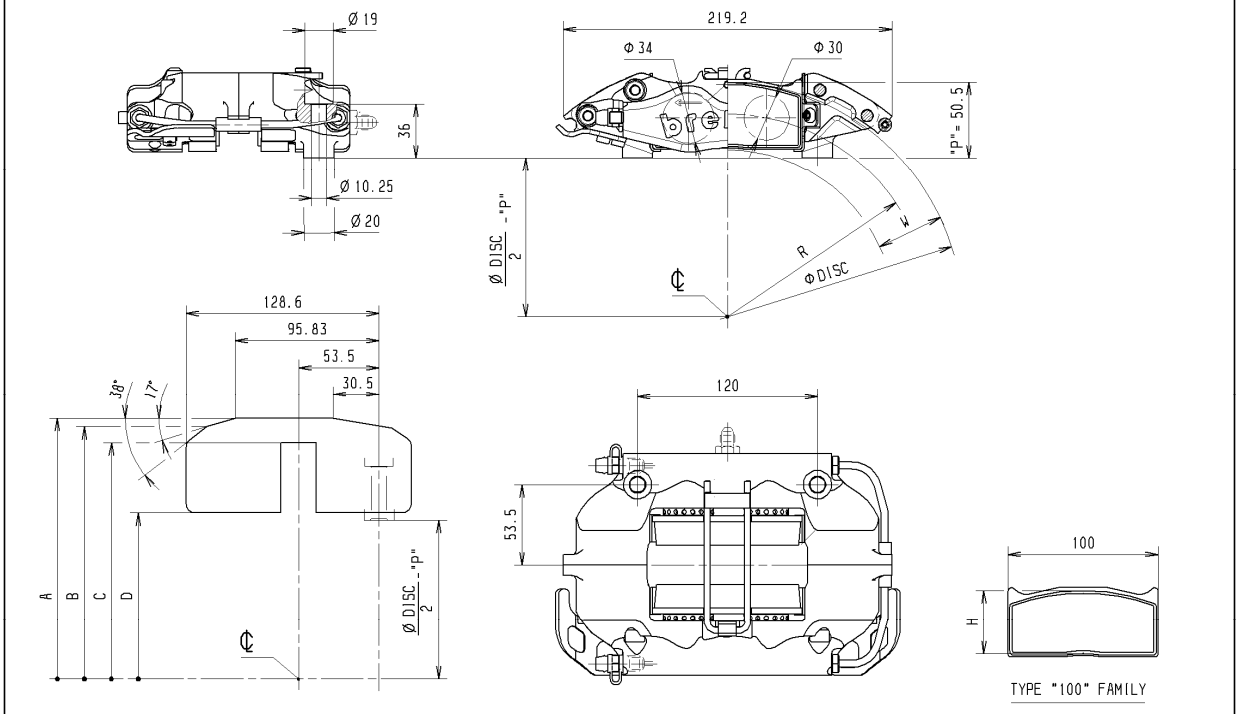
Nascar rear

MOUNTING INFORMATION

Trailing	Leading
RH **XA3.A4.02**	RH **XA3.A4.04**
LH **XA3.A4.01**	LH **XA3.A4.03**

TECHNICAL SPECIFICATION

Piston Size [mm]	**30**	Piston Area [cm^2]	**32.29**	Mounting Offset [mm]	**53.5**
	34	Pad Area [cm^2]	**38**	Mounting Hole Dia. [mm]	**10.25**
		Pad Thickness [mm]	**20**	Caliper Body	**2 Pieces**
		Pad Family	**"100"**	Caliper Material	**Aluminium**
		Disc Thickness [mm]	**24 - 25.4**	Piston Insert	**Titanium**
		Hydraulic Threads	**M10x1**	Weight [Kg]	
		Mounting Hole Center [mm]	**120**	Fluid Capacity	**53.28**



Ø DISC	A	B	C	D
278	156.6	150.8	140.0	93.5
313	174.1	168.3	157.5	111

	Ø DISC	R	TH DISC	$W_{(DISC)}$	$H_{(PAD)}$	TH PAD
MIN	278	118.4	24	45	42.5	20
MAX	313	135.5	25.4	45	42.5	20

XA3A40104

P/N X97.60.41/44

4 PISTON RALLY CALIPER

TYPICAL APPLICATION

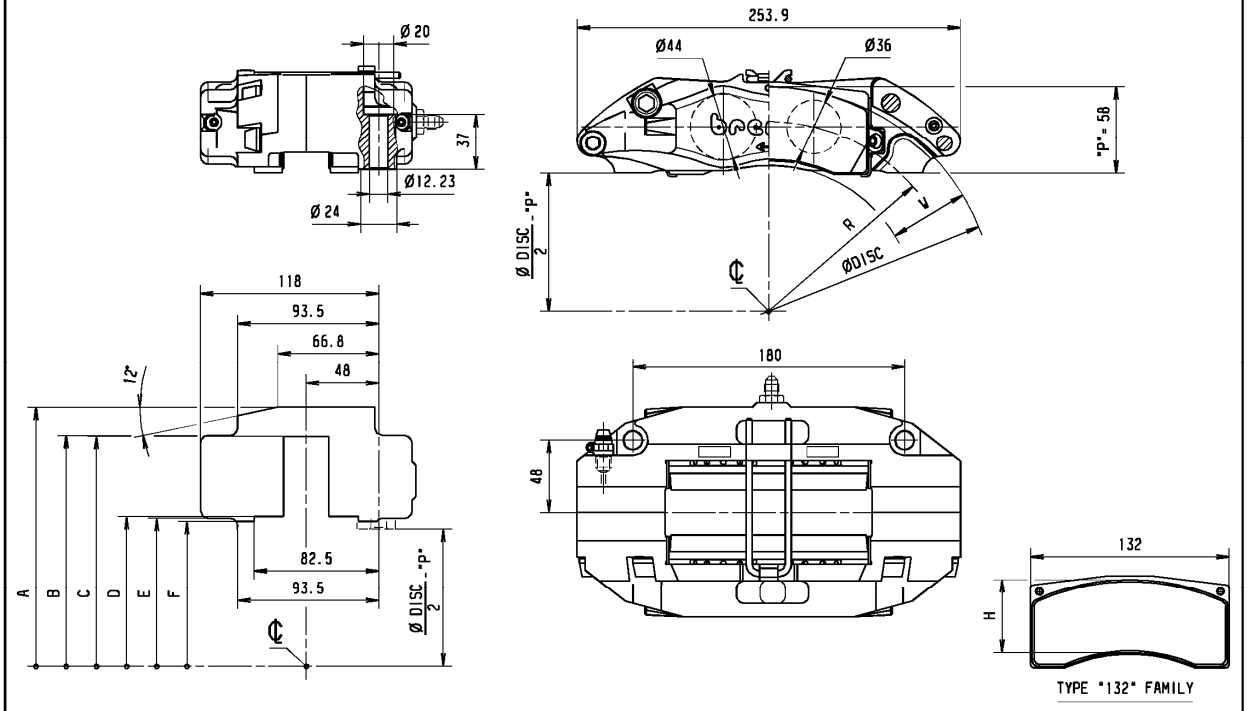
Front gravel WRC

MOUNTING INFORMATION

Trailing	Leading
RH **X97.60.42**	RH **X97.60.44**
LH **X97.60.41**	LH **X97.60.43**

TECHNICAL SPECIFICATION

Piston Size [mm]	**36**	Piston Area [cm^2]	**50.76**	Mounting Offset [mm]	**48**
	44	Pad Area [cm^2]	**62**	Mounting Hole Dia. [mm]	**12.23**
		Pad Thickness [mm]	**16**	Caliper Body	**2 Pieces**
		Pad Family	**"132"**	Caliper Material	**Aluminium**
		Disc Thickness [mm]	**25.4 - 28**	Piston Insert	**Titanium**
		Hydraulic Threads	**M10x1**	Weight [Kg]	**2.38**
		Mounting Hole Center [mm]	**180**	Fluid Capacity	**58.38**



Ø DISC	A	B	C	D	E	F
300	172.9	154.1	153.5	100.3	99.1	97
313	178.7	160.4	159.3	106.6	105.4	103.4

	Ø DISC	R	TH DISC	$W_{(DISC)}$	$H_{(PAD)}$	TH PAD
MIN	300	126.6	25.4	52.5	49	16
MAX	313	132.9	28	52.5	49	16

P/N XA0.80.51/54

4 PISTON RALLY CALIPER

TYPICAL APPLICATION

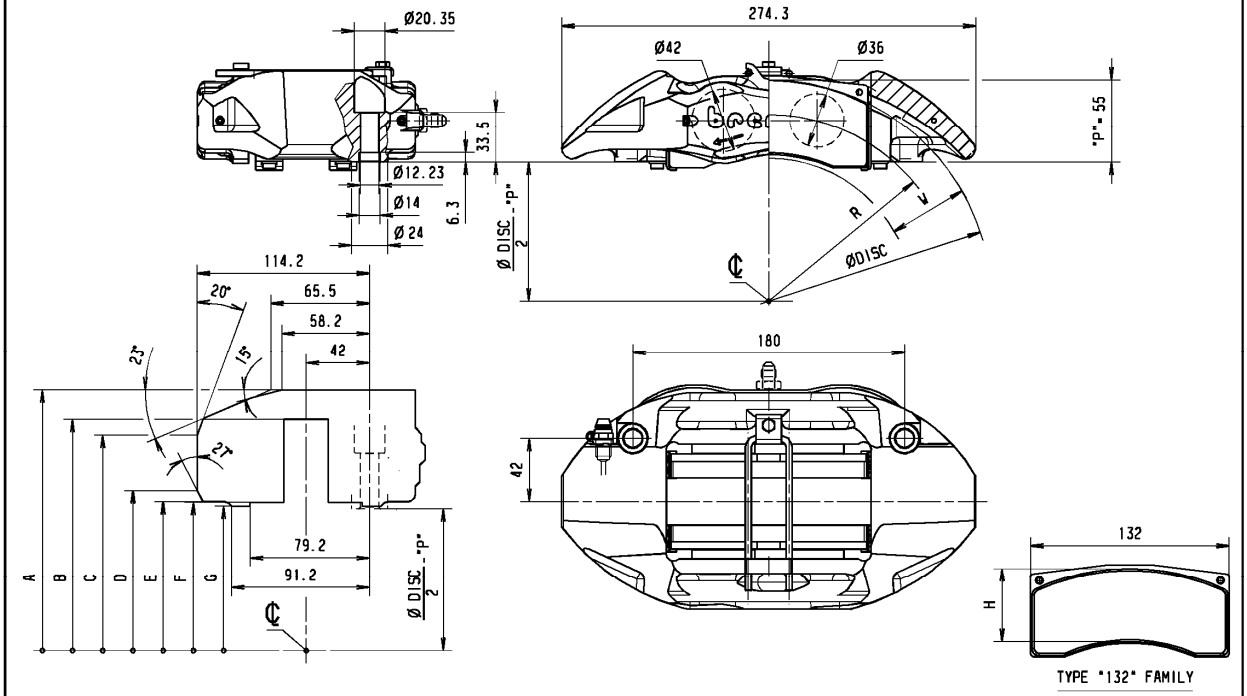
Front Super1600

MOUNTING INFORMATION

Trailing	Leading
RH **XA0.80.52**	RH **XA0.80.54**
LH **XA0.80.51**	LH **XA0.80.53**

TECHNICAL SPECIFICATION

Piston Size [mm]	**36**	Piston Area [cm^2]	**48.06**	Mounting Offset [mm]	**42**
	42	Pad Area [cm^2]	**62**	Mounting Hole Dia. [mm]	**12.23**
		Pad Thickness [mm]	**16**	Caliper Body	**Monobloc**
		Pad Family	**"132"**	Caliper Material	**Aluminium**
		Disc Thickness [mm]	**25.4 - 28**	Piston Insert	**-**
		Hydraulic Threads	**M10x1**	Weight [Kg]	**2.10**
		Mounting Hole Center [mm]	**180**	Fluid Capacity	**55.27**



Ø DISC	A	B	C	D	E	F	G
295	172.3	152.1	141.3	104.5	97.1	96.6	94.1
355	198.9	179.5	169.6	134.5	126.4	125	123.4

	Ø DISC	R	TH DISC	$W_{(DISC)}$	$H_{(PAD)}$	TH PAD
MIN	295	124.4	25.4	47.5	43	16
MAX	355	153.7	28	52.5	49	16

P/N X2.029.71/74

4 PISTON TOURING REAR CALIPER

TYPICAL APPLICATION

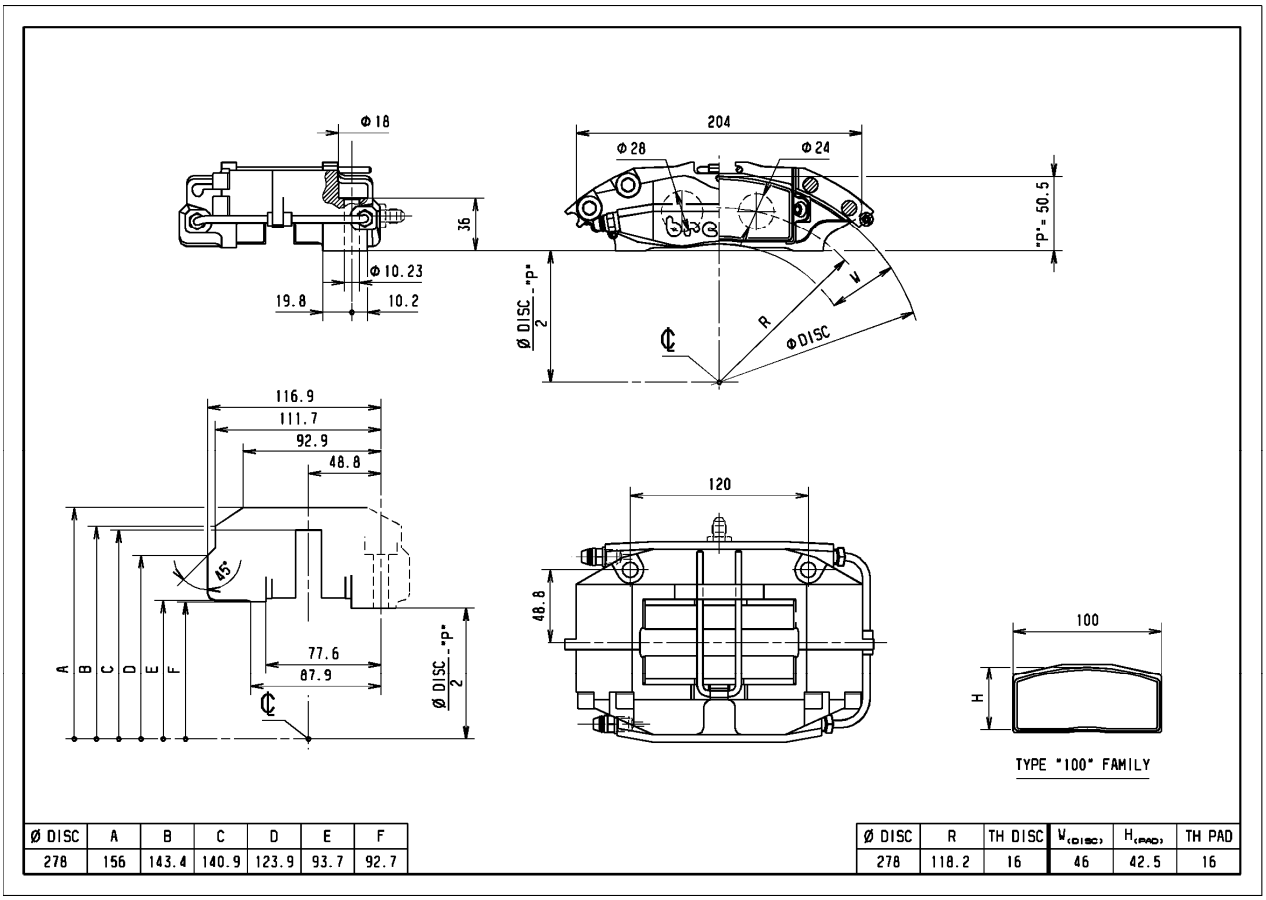
Touring car (Rear)

MOUNTING INFORMATION

Trailing	Leading
RH **X2.029.72**	RH **X2.029.74**
LH **X2.029.71**	LH **X2.029.73**

TECHNICAL SPECIFICATION

Piston Size [mm]	**24**	Piston Area [cm^2]	**21.36**	Mounting Offset [mm]	**48.8**
	28	Pad Area [cm^2]	**38**	Mounting Hole Dia. [mm]	**10.23**
		Pad Thickness [mm]	**20**	Caliper Body	**2 pieces**
		Pad Family	**"100"**	Caliper Material	**Aluminium**
		Disc Thickness [mm]	**16**	Piston Insert	**-**
		Hydraulic Threads	**M10x1**	Weight [Kg]	**1.70**
		Mounting Hole Center [mm]	**120**	Fluid Capacity	**35.24**



Ø DISC	A	B	C	D	E	F
278	156	143.4	140.9	123.9	93.7	92.7

Ø DISC	R	TH DISC	$W_{(DISC)}$	$H_{(PAD)}$	TH PAD
278	118.2	16	46	42.5	16

P/N XA2.29.11/14

4 PISTONS IRL

TYPICAL APPLICATION

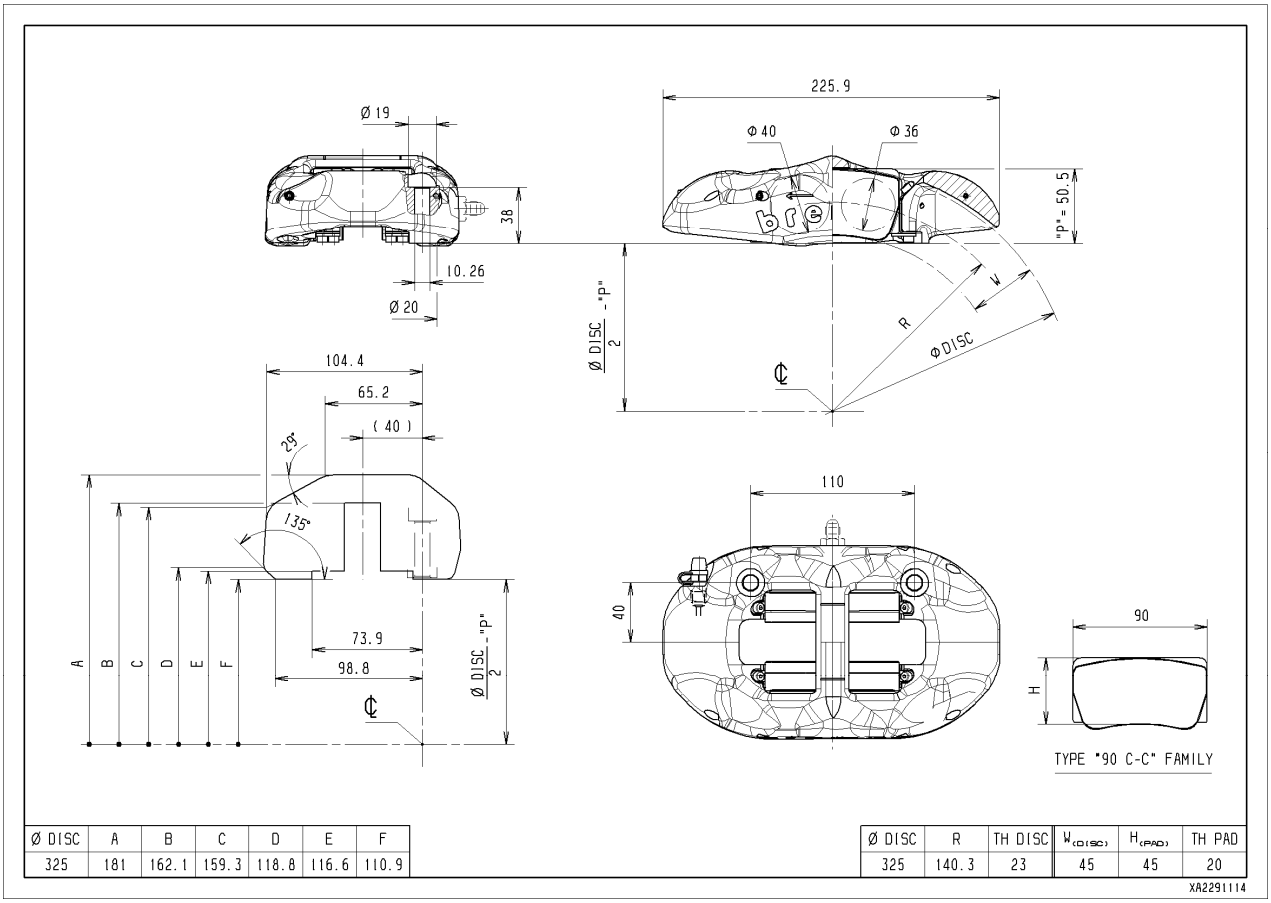
IRL

MOUNTING INFORMATION

Trailing	Leading
RH **XA2.29.12**	RH **XA2.29.14**
LH **XA2.29.11**	LH **XA2.29.13**

TECHNICAL SPECIFICATION

Piston Size [mm]	**36**	Piston Area [cm^2]	**45.49**	Mounting Offset [mm]	**40**
	40	Pad Area [cm^2]	**38.2**	Mounting Hole Dia. [mm]	**10.26**
		Pad Thickness [mm]	**20**	Caliper Body	**Monobloc**
		Pad Family	**"90C-C"**	Caliper Material	**Aluminium**
		Disc Thickness [mm]	**23**	Piston Insert	**Aluminium**
		Hydraulic Threads	**M10x1**	Weight [Kg]	**1.50**
		Mounting Hole Center [mm]	**110**	Fluid Capacity	**45.49**



Ø DISC	A	B	C	D	E	F
325	181	162.1	159.3	118.8	116.6	110.9

Ø DISC	R	TH DISC	$W_{(DISC)}$	$H_{(PAD)}$	TH PAD
325	140.3	23	45	45	20

XA2291114

P/N XA7.46.03/04

4 PISTONS CALIPER

PICTURE NOT AVAILABLE

TYPICAL APPLICATION

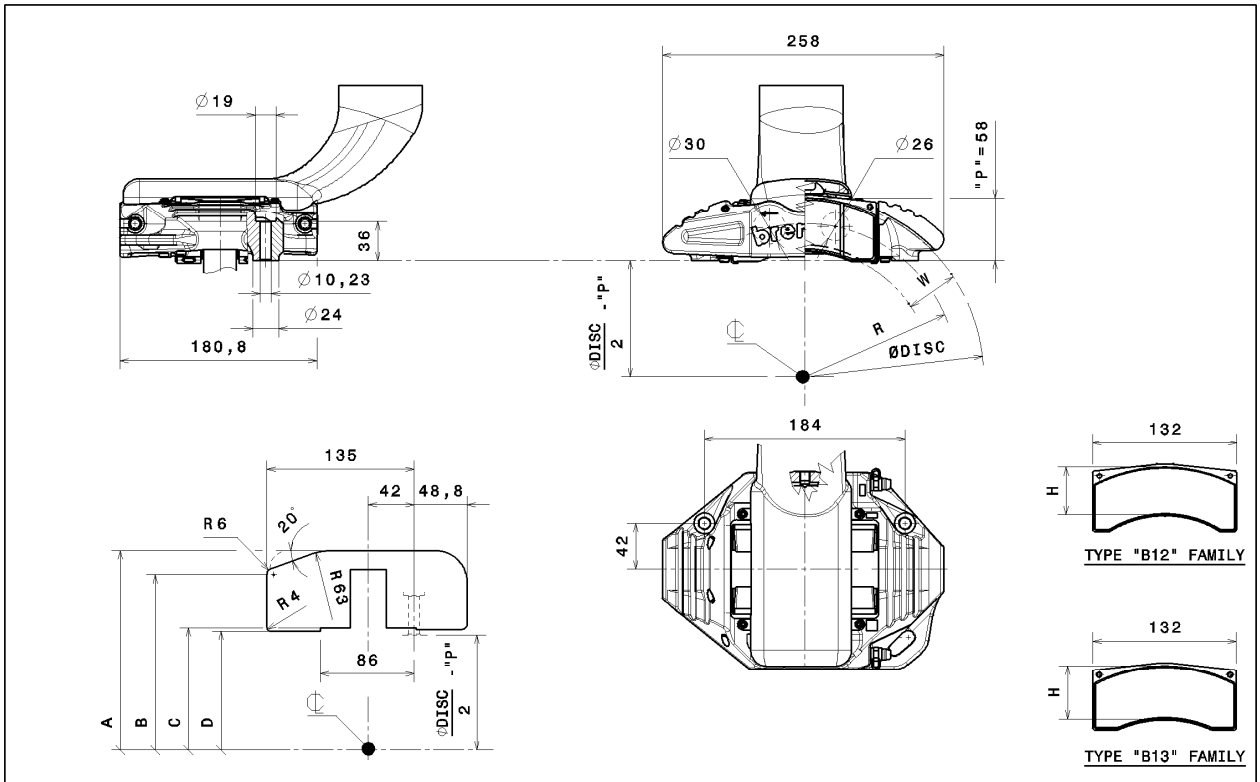
Nascar

MOUNTING INFORMATION

Trailing	Leading
RH	RH **XA7.46.04**
LH	LH **XA7.46.03**

TECHNICAL SPECIFICATION

Piston Size [mm]	**26**	Piston Area [cm^2]		Mounting Offset [mm]	**42**
	30	Pad Area [cm^2]		Mounting Hole Dia. [mm]	**10.23**
		Pad Thickness [mm]	**25**	Caliper Body	**Monobloc**
		Pad Family	**"B12"-"B13"**	Caliper Material	**Aluminium**
		Disc Thickness [mm]	**28 - 32**	Piston Insert	
		Hydraulic Threads	**M10x1**	Weight [Kg]	
		Mounting Hole Center [mm]	**184**	Fluid Capacity	



Ø DISC	A	B	C	D
313	175,6	153,5	105	101,8
328	183,1	161	112,5	109,3

	Ø DISC	R	TH DISC	W(DISC)	H(PAD)	TH PAD
MIN	313	133	28	44	43,5	25
MAX	328	140,3	32	53,5	48,5	25

XA7460304

P/N **XA7.46.13/14**

4 PISTONS CALIPER

PICTURE NOT AVAILABLE

TYPICAL APPLICATION

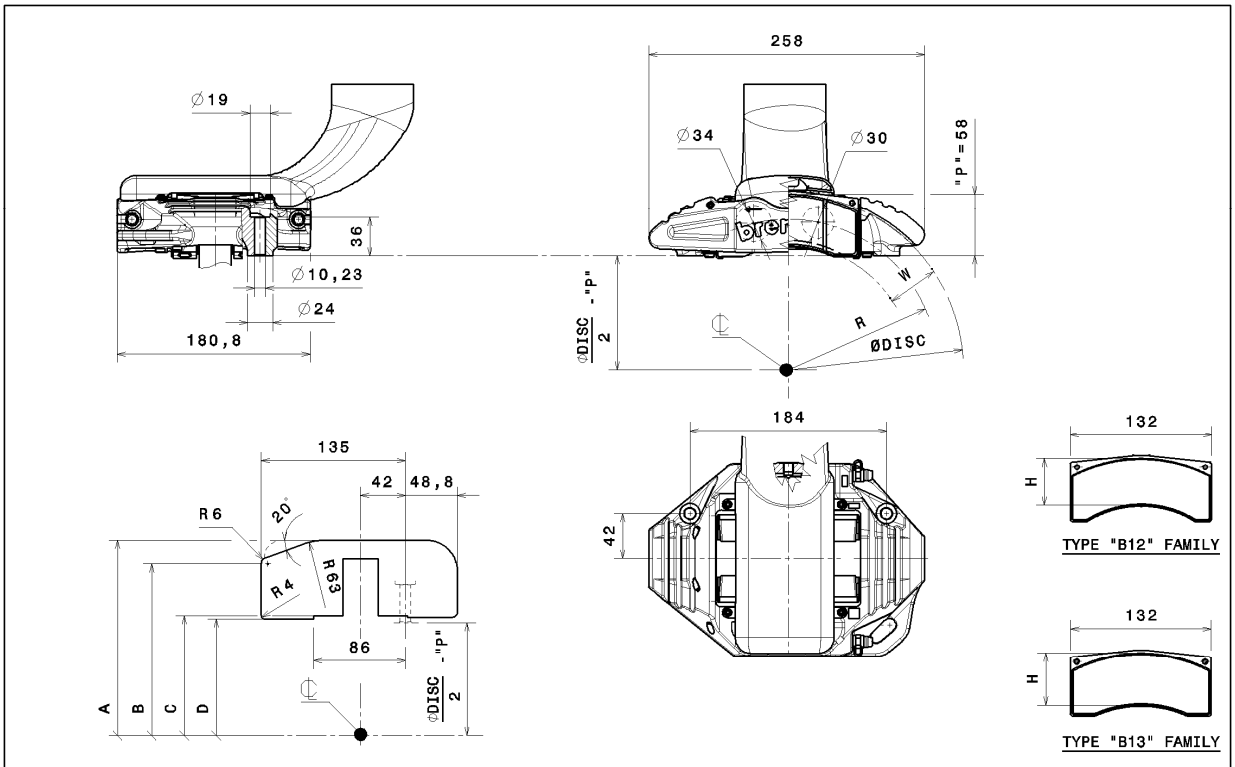
Nascar

MOUNTING INFORMATION

Trailing	Leading
RH	RH **XA7.46.14**
LH	LH **XA7.46.13**

TECHNICAL SPECIFICATION

Piston Size [mm]	**30**	Piston Area [cm^2]		Mounting Offset [mm]	**42**
	34	Pad Area [cm^2]		Mounting Hole Dia. [mm]	**10.23**
		Pad Thickness [mm]	**25**	Caliper Body	**Monobloc**
		Pad Family	**"B12"-"B13"**	Caliper Material	**Aluminium**
		Disc Thickness [mm]	**28 - 32**	Piston Insert	
		Hydraulic Threads	**M10x1**	Weight [Kg]	
		Mounting Hole Center [mm]	**184**	Fluid Capacity	



Ø DISC	A	B	C	D
313	175,6	153,5	105	101,8
328	183,1	161	112,5	109,3

	Ø DISC	R	TH DISC	W(DISC)	H(PAD)	TH PAD
MIN	313	133	28	44	43,5	25
MAX	328	140,3	32	53,5	48,5	25

XA7451314

P/N XA7.46.23/24

4 PISTONS CALIPER

PICTURE NOT AVAILABLE

TYPICAL APPLICATION

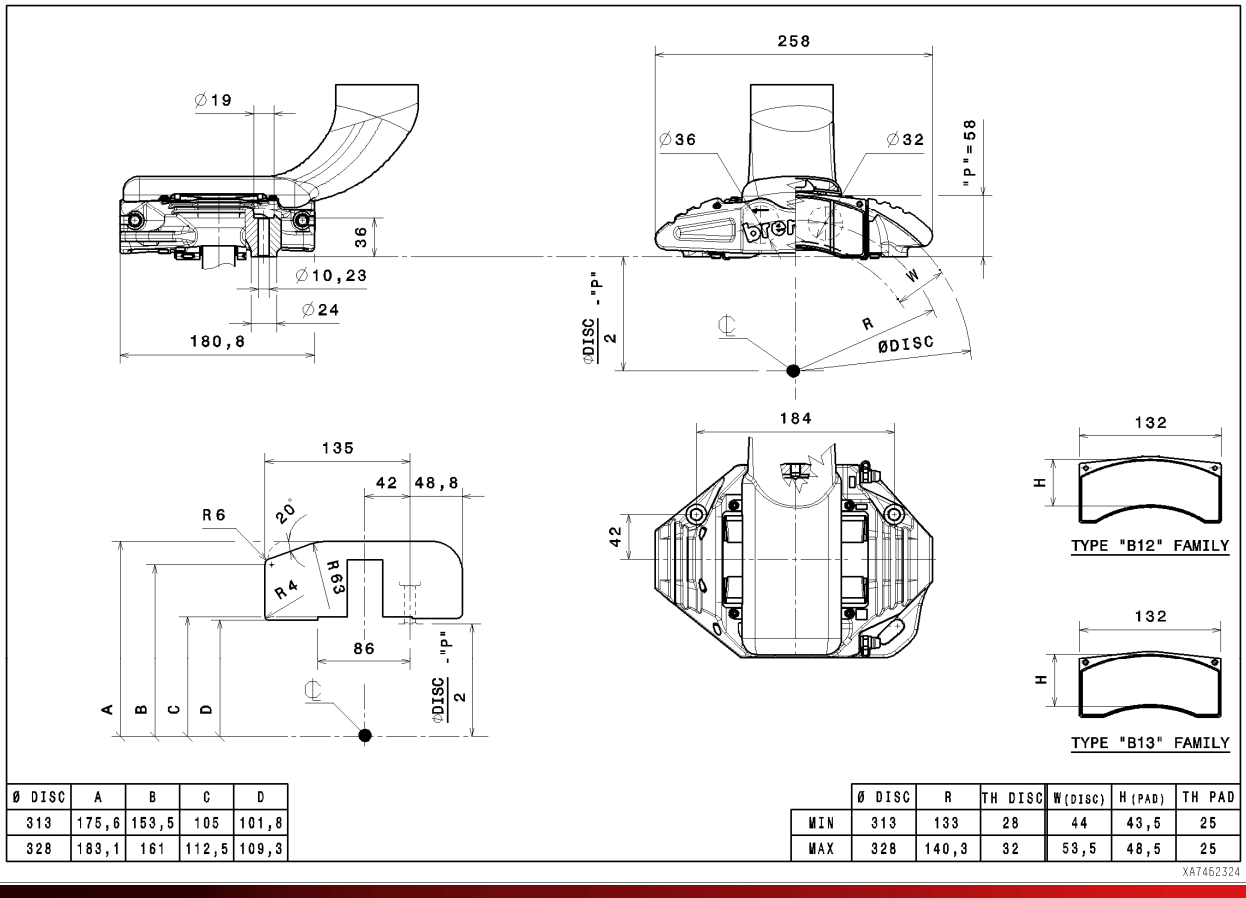
Nascar

MOUNTING INFORMATION

Trailing	Leading
RH	RH **XA7.46.24**
LH	LH **XA7.46.23**

TECHNICAL SPECIFICATION

Piston Size [mm]	**32**	Piston Area [cm^2]		Mounting Offset [mm]	**42**
	36	Pad Area [cm^2]		Mounting Hole Dia. [mm]	**10.23**
		Pad Thickness [mm]	**25**	Caliper Body	**Monobloc**
		Pad Family	**"B12"-"B13"**	Caliper Material	**Aluminium**
		Disc Thickness [mm]	**28 - 32**	Piston Insert	
		Hydraulic Threads	**M10x1**	Weight [Kg]	
		Mounting Hole Center [mm]	**184**	Fluid Capacity	



Ø DISC	A	B	C	D
313	175,6	153,5	105	101,8
328	183,1	161	112,5	109,3

	Ø DISC	R	TH DISC	W(DISC)	H(PAD)	TH PAD
MIN	313	133	28	44	43,5	25
MAX	328	140,3	32	53,5	48,5	25

P/N XA4.F1.01/02

6 PISTON CALIPER

TYPICAL APPLICATION

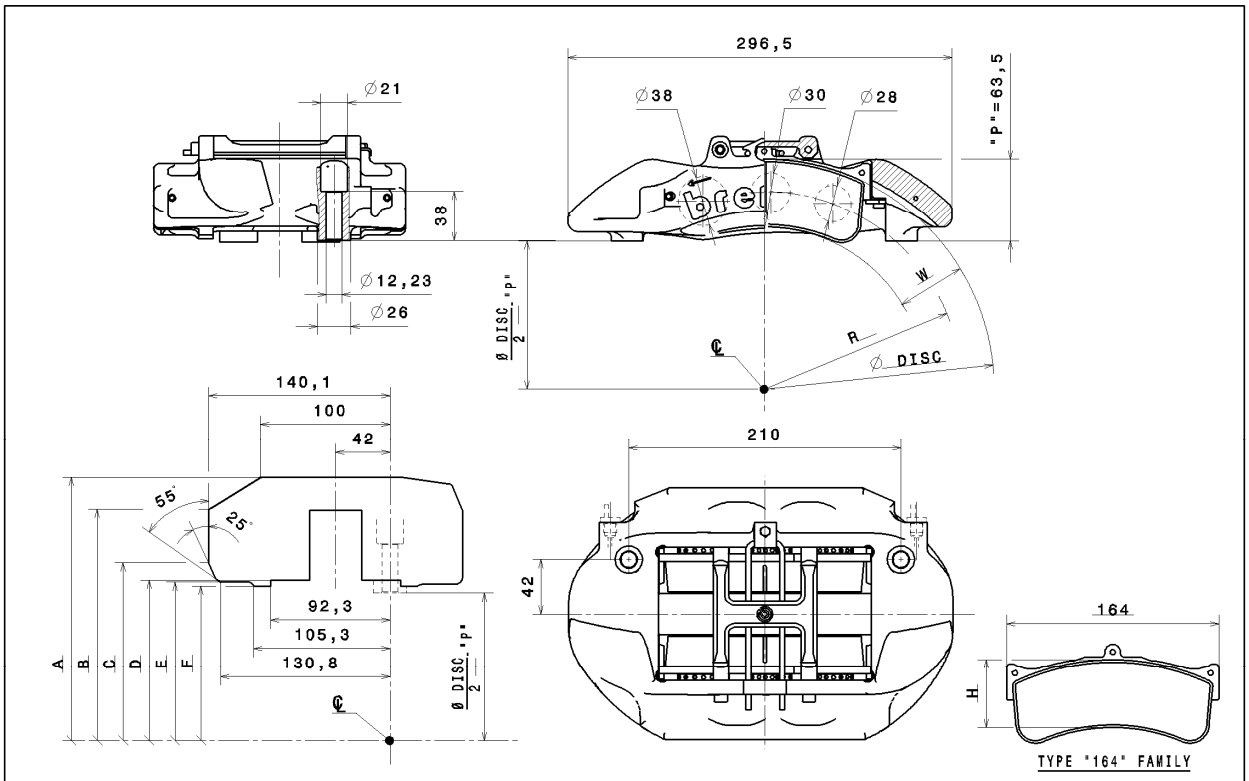
Grand Touring

MOUNTING INFORMATION

Trailing	Leading
RH **XA4.F1.02**	RH **XA4.F1.02**
LH **XA4.F1.01**	LH **XA4.F1.01**

TECHNICAL SPECIFICATION

Piston Size [mm]	**28**	Piston Area [cm^2]	**49.13**	Mounting Offset [mm]	**42**
	30	Pad Area [cm^2]	**78.5**	Mounting Hole Dia. [mm]	**12.23**
	38	Pad Thickness [mm]	**29**	Caliper Body	**Monobloc**
		Pad Family	**"164"**	Caliper Material	**Aluminium**
		Disc Thickness [mm]	**32 - 35**	Piston Insert	**Titanium**
		Hydraulic Threads	**M10x1**	Weight [Kg]	**3.10**
		Mounting Hole Center [mm]	**210**	Fluid Capacity	**115.4**



Ø DISC	A	B	C	D	E	F
355	203.1	178.5	137.3	124	122.5	119.2
380	211.25	192	149.8	136.5	133.3	130.5

	Ø DISC	R	TH DISC	W(DISC)	H(PAD)	TH PAD
MIN	355	152.5	32	52.5	52.5	29
MAX	380	164.5	35	52.5	52.5	29

XA4F10102

P/N XA4.F1.11/12

6 PISTON CALIPER

TYPICAL APPLICATION

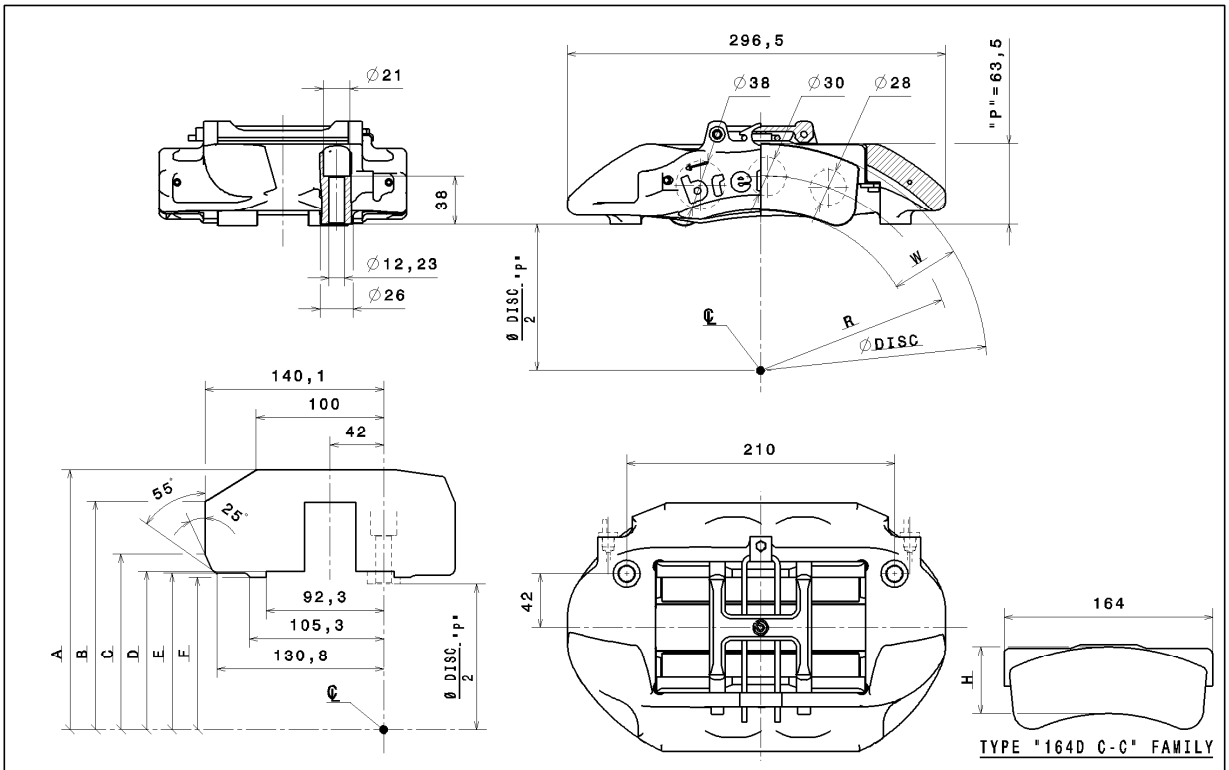
Grand Touring

MOUNTING INFORMATION

Trailing	Leading
RH **XA4.F1.12**	RH **XA4.F1.12**
LH **XA4.F1.11**	LH **XA4.F1.11**

TECHNICAL SPECIFICATION

Piston Size [mm]	**28**	Piston Area [cm^2]	**49.13**	Mounting Offset [mm]	**42**
	30	Pad Area [cm^2]	**71**	Mounting Hole Dia. [mm]	**12.23**
	38	Pad Thickness [mm]	**31.5**	Caliper Body	**Monobloc**
		Pad Family	**"164C-C"**	Caliper Material	**Aluminium**
		Disc Thickness [mm]	**37**	Piston Insert	**Titanium**
		Hydraulic Threads	**M10x1**	Weight [Kg]	**3.10**
		Mounting Hole Center [mm]	**210**	Fluid Capacity	**120.3**



Ø DISC	A	B	C	D	E	F
355	203.1	178.5	137.3	124	122.5	119.2
380	211.25	192	149.8	136.5	133.3	130.5

	Ø DISC	R	TH DISC	W(DISC)	H(PAD)	TH PAD
MIN	355	152.5	37	48	48	31.5
MAX	380	164.5	37	52.5	52.5	31.5

XA4F11112

P/N XA4.F1.21/22

6 PISTON CALIPER

TYPICAL APPLICATION

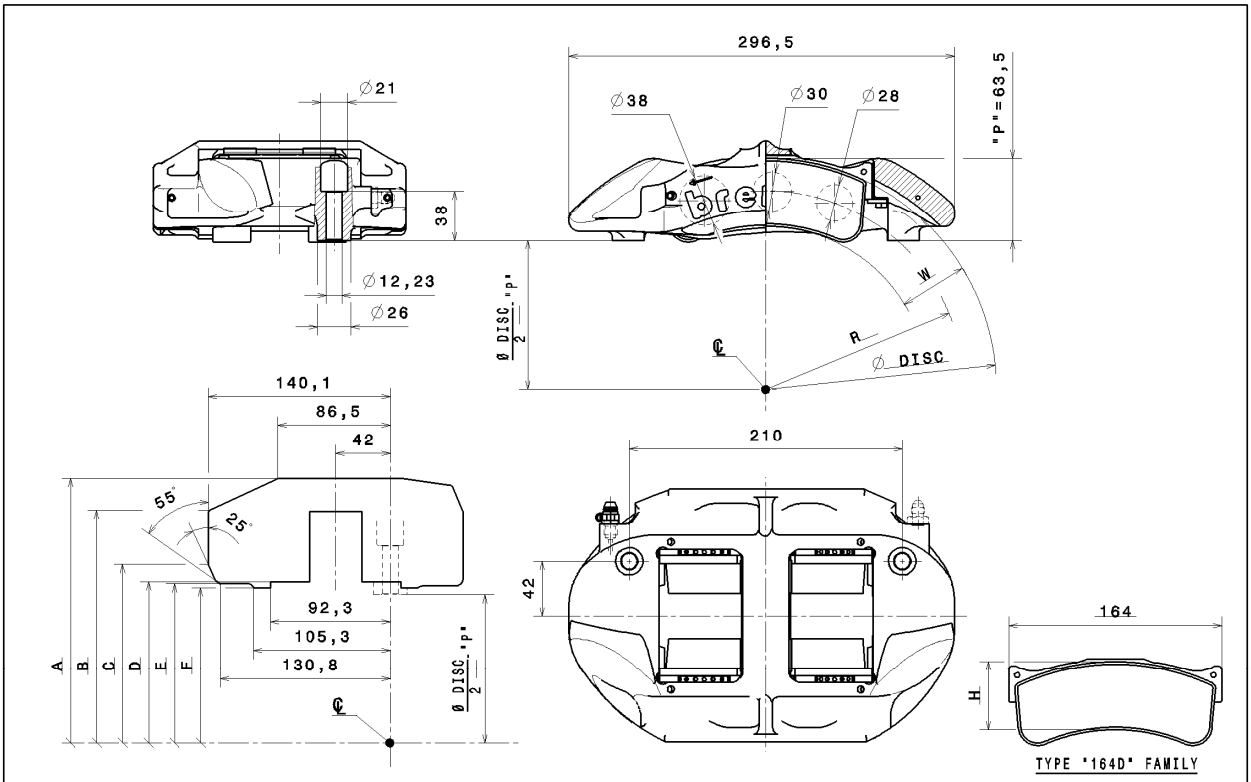
Grand Touring

MOUNTING INFORMATION

Trailing	Leading
RH **XA4.F1.22**	RH **XA4.F1.22**
LH **XA4.F1.21**	LH **XA4.F1.21**

TECHNICAL SPECIFICATION

Piston Size [mm]	**28**	Piston Area [cm^2]	**49.13**	Mounting Offset [mm]	**42**
	30	Pad Area [cm^2]	**78.5**	Mounting Hole Dia. [mm]	**12.23**
	38	Pad Thickness [mm]	**29**	Caliper Body	**Monobloc**
		Pad Family	**"164"**	Caliper Material	**Aluminium**
		Disc Thickness [mm]	**32 - 35**	Piston Insert	**Titanium**
		Hydraulic Threads	**M10x1**	Weight [Kg]	**3.10**
		Mounting Hole Center [mm]	**210**	Fluid Capacity	**115.4**



Ø DISC	A	B	C	D	E	F
355	203.1	178.5	137.3	124	122.5	119.2
380	211.25	192	149.8	136.5	133.3	130.5

	Ø DISC	R	TH DISC	W(DISC)	H(PAD)	TH PAD
MIN	355	152.5	32	52.5	52.5	29
MAX	380	164.5	35	52.5	52.5	29

XA4F12122

P/N XA4.F1.31/32

6 PISTON CALIPER

TYPICAL APPLICATION

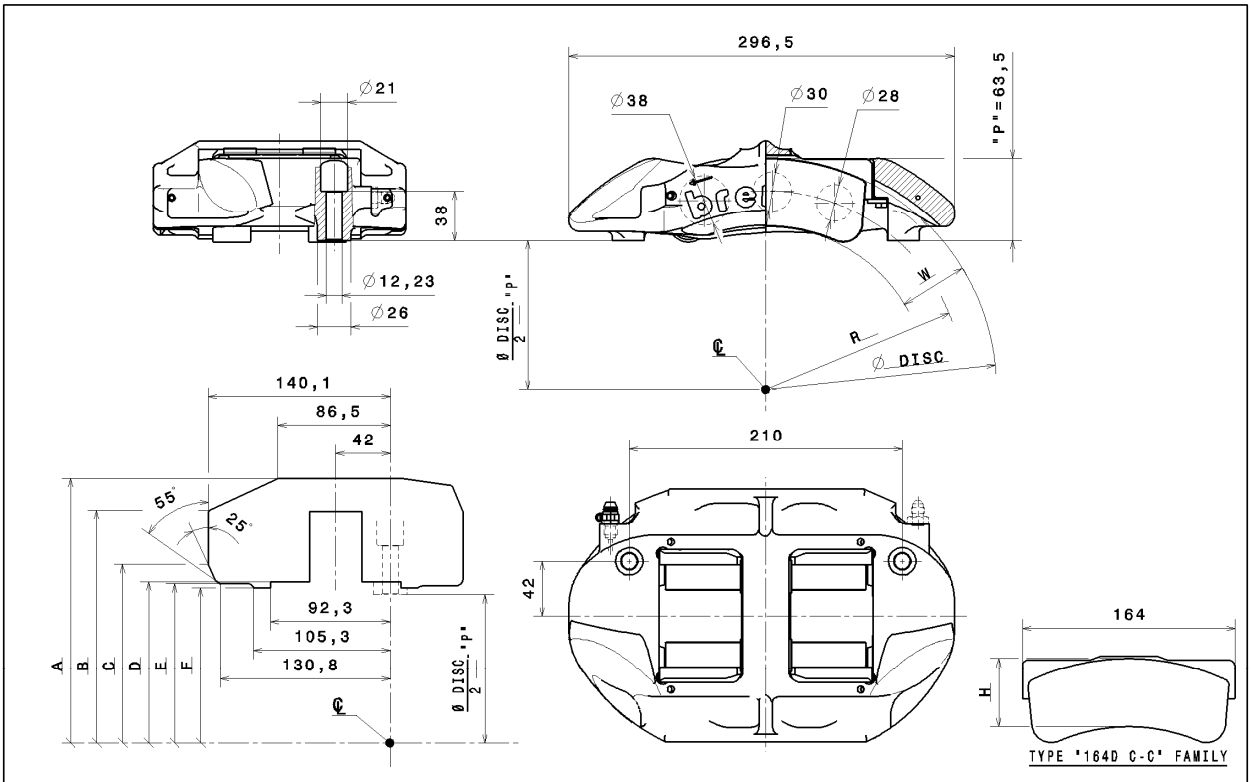
Grand Touring

MOUNTING INFORMATION

Trailing	Leading
RH **XA4.F1.32**	RH **XA4.F1.32**
LH **XA4.F1.31**	LH **XA4.F1.31**

TECHNICAL SPECIFICATION

Piston Size [mm]	**28**	Piston Area [cm^2]	**49.13**	Mounting Offset [mm]	**42**
	30	Pad Area [cm^2]	**71**	Mounting Hole Dia. [mm]	**12.23**
	38	Pad Thickness [mm]	**31.5**	Caliper Body	**Monobloc**
		Pad Family	**"164C-C"**	Caliper Material	**Aluminium**
		Disc Thickness [mm]	**37**	Piston Insert	**Titanium**
		Hydraulic Threads	**M10x1**	Weight [Kg]	**3.10**
		Mounting Hole Center [mm]	**210**	Fluid Capacity	**120.3**



Ø DISC	A	B	C	D	E	F
355	203.1	178.5	137.3	124	122.5	119.2
380	211.25	192	149.8	136.5	133.3	130.5

	Ø DISC	R	TH DISC	W(DISC)	H(PAD)	TH PAD
MIN	355	152.5	37	48	48	31,5
MAX	380	164.5	37	52.5	52.5	31,5

XA4F13132

P/N XA5.C2.01/02

6 PISTON CALIPER

TYPICAL APPLICATION

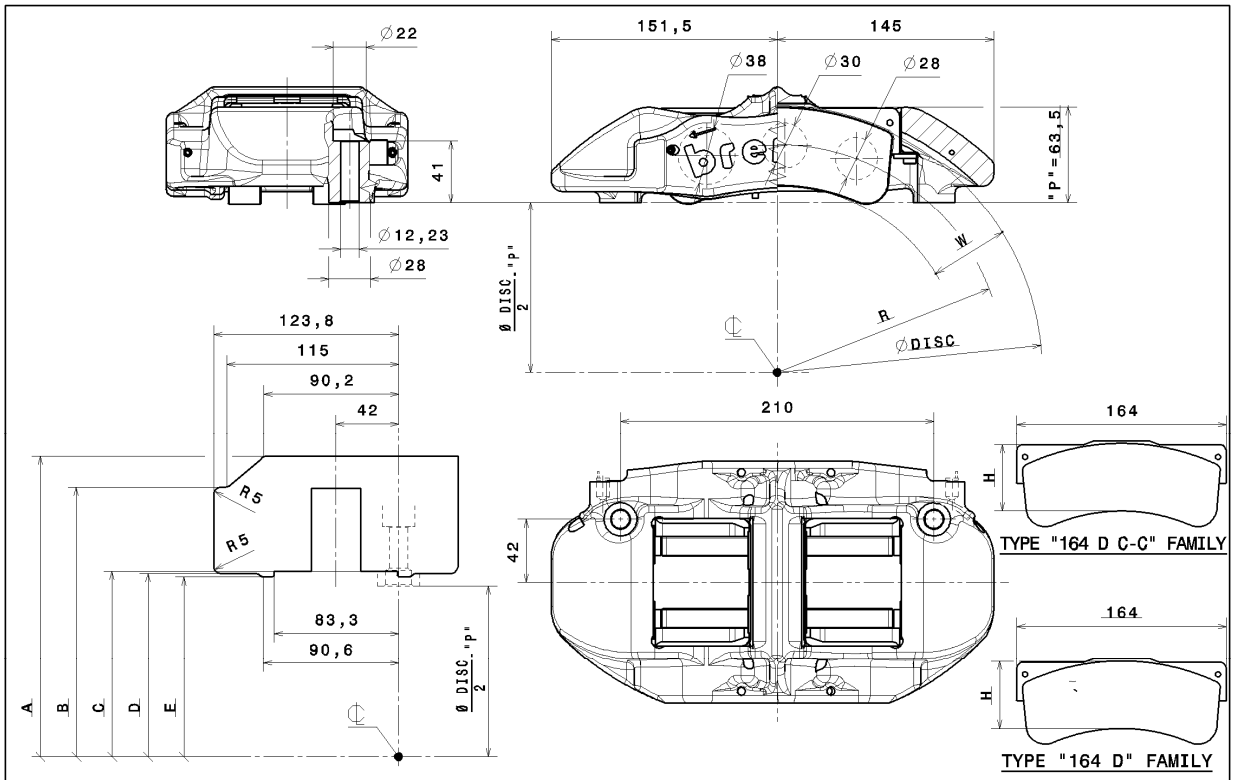
GT Narrow

MOUNTING INFORMATION

Trailing	Leading
RH XA5.C2.02	RH XA5.C2.02
LH XA5.C2.01	LH XA5.C2.01

TECHNICAL SPECIFICATION

Piston Size [mm]	28	Piston Area [cm^2]	49.13	Mounting Offset [mm]	42
	30	Pad Area [cm^2]	78.5	Mounting Hole Dia. [mm]	10.23
	38	Pad Thickness [mm]	25	Caliper Body	Monobloc
		Pad Family	"164"	Caliper Material	Aluminium
		Disc Thickness [mm]	25 - 32	Piston Insert	Titanium
		Hydraulic Threads	M10x1	Weight [Kg]	
		Mounting Hole Center [mm]	210	Fluid Capacity	81.07



Ø DISC	A	B	C	D	E
355	198,5	177	120	119	116
380	213	192,3	136,5	134,9	132,6

	Ø DISC	R	TH DISC	W(DISC)	H(PAD)	TH PAD
MIN	355	152,5	32	52,5	52,5	22 (164D)
MAX	380	164,5	32	52,5	52,5	25 (164D C-C)

XA5C20102

P/N XA5.E5.01/04

6 PISTON CALIPER

TYPICAL APPLICATION

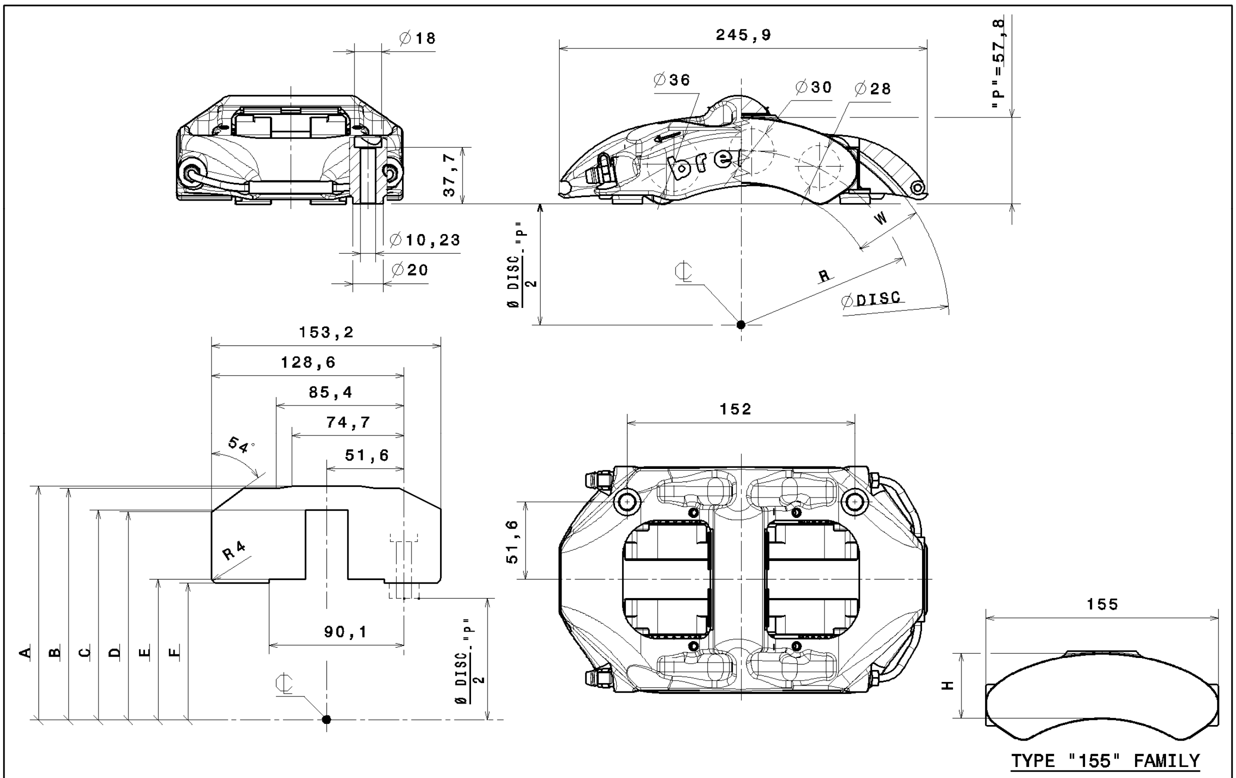
GP2

MOUNTING INFORMATION

Trailing	Leading
RH XA5.E5.02	RH XA5.E5.04
LH XA5.E5.01	LH XA5.E5.03

TECHNICAL SPECIFICATION

Piston Size [mm]	28	Piston Area [cm^2]	46.80	Mounting Offset [mm]	51.6
	30	Pad Area [cm^2]	63	Mounting Hole Dia. [mm]	10.23
	36	Pad Thickness [mm]	23 - 24	Caliper Body	Monobloc
		Pad Family	"155 C-C"	Caliper Material	Aluminium
		Disc Thickness [mm]	26 - 28	Piston Insert	Titanium
		Hydraulic Threads	M10x1	Weight [Kg]	1.85
		Mounting Hole Center [mm]	152	Fluid Capacity	77.23



Ø DISC	A	B	C	D	E	F
278	156	154,5	140	139	94	91,4

	Ø DISC	R	TH DISC	W (DISC)	H (PAD)	TH PAD
MIN	278	117	26	44	44	23
MAX	278	117	28	44	44	24

XA5E50104

P/N XA6.61.01/04

6 PISTON CALIPER

TYPICAL APPLICATION

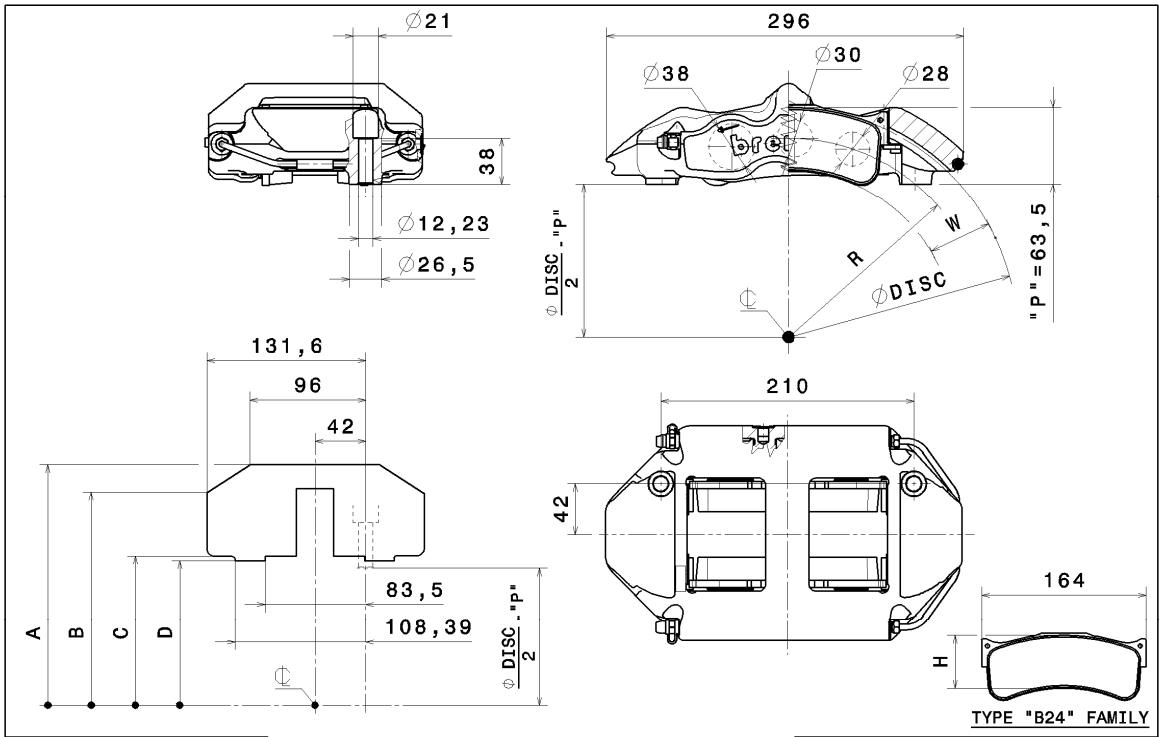
GT

MOUNTING INFORMATION

Trailing	Leading
RH **XA6.61.02**	RH **XA6.61.04**
LH **XA6.61.01**	LH **XA6.61.03**

TECHNICAL SPECIFICATION

Piston Size [mm]	**28**	Piston Area [cm^2]	**49.13**	Mounting Offset [mm]	**42**
	30	Pad Area [cm^2]	**78,5**	Mounting Hole Dia. [mm]	**12,23**
	38	Pad Thickness [mm]	**26,5**	Caliper Body	**Monobloc**
		Pad Family	**"B24"**	Caliper Material	**Aluminium**
		Disc Thickness [mm]	**32 - 35**	Piston Insert	**Steel**
		Hydraulic Threads	**M10x1**	Weight [Kg]	**2,98**
		Mounting Hole Center [mm]	**210**	Fluid Capacity	**102**



∅ DISC	A	B	C	D
355	199,5	176,9	124	120,1
380	212	189,4	136,5	132,6

	∅ DISC	R	TH DISC	W(DISC)	H(PAD)	TH PAD
MIN	355	152,5	32	52,5	52,5	25
MAX	380	164,5	35	52,5	52,5	26,5

XA6610104

P/N XA6.61.21/24

6 PISTON CALIPER

TYPICAL APPLICATION

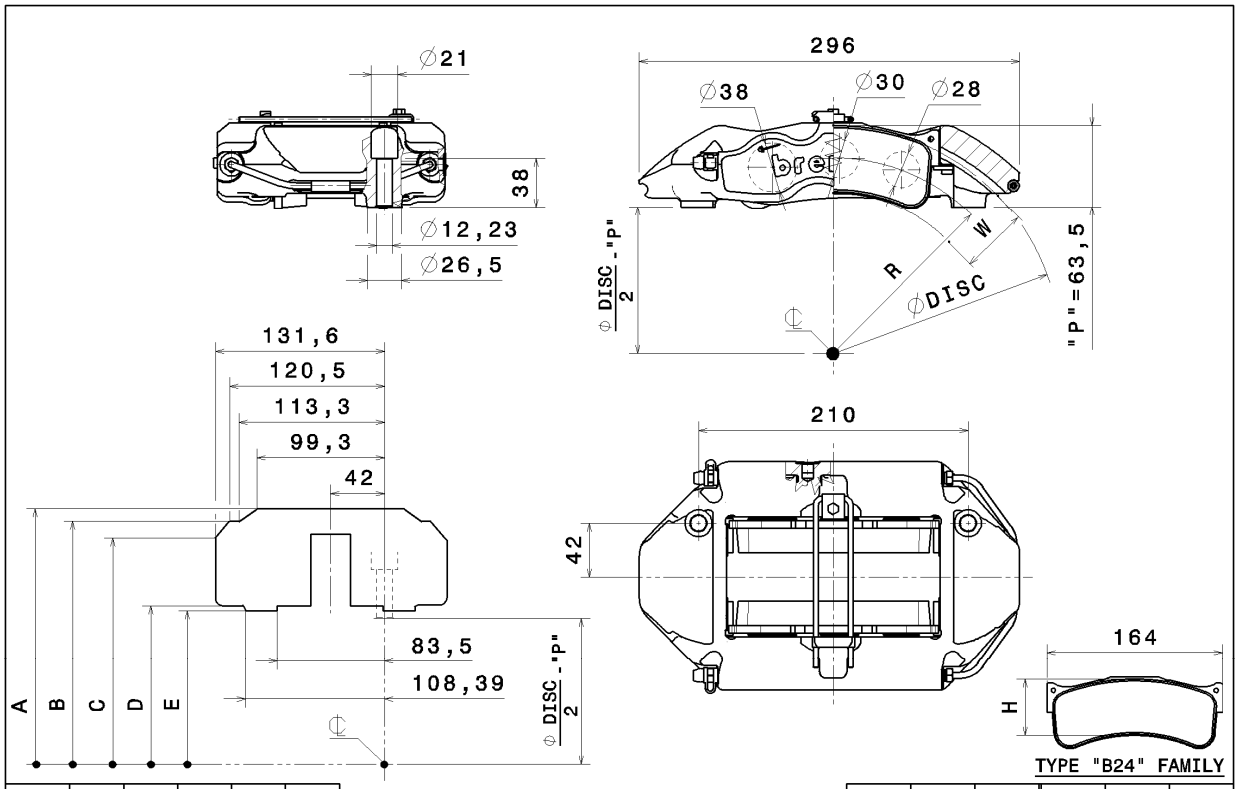
GT

MOUNTING INFORMATION

Trailing	Leading
RH **XA6.61.22**	RH **XA6.61.24**
LH **XA6.61.21**	LH **XA6.61.23**

TECHNICAL SPECIFICATION

Piston Size [mm]	**28**	Piston Area [cm^2]	**49.13**	Mounting Offset [mm]	**42**
	30	Pad Area [cm^2]	**78,5**	Mounting Hole Dia. [mm]	**12,23**
	38	Pad Thickness [mm]	**26,5**	Caliper Body	**Monobloc**
		Pad Family	**"B24"**	Caliper Material	**Aluminium**
		Disc Thickness [mm]	**32 - 35**	Piston Insert	**Steel**
		Hydraulic Threads	**M10x1**	Weight [Kg]	**2,98**
		Mounting Hole Center [mm]	**210**	Fluid Capacity	**102**



∅ DISC	A	B	C	D	E
355	199,5	189,8	176,9	124	120,1
380	212	202,3	189,4	136,5	132,6

	∅ DISC	R	TH DISC	W(DISC)	H(PAD)	TH PAD
MIN	355	152,5	32	52,5	52,5	25
MAX	380	164,5	35	52,5	52,5	26,5

XA6612124

P/N **XA6.H7.01/02**

6 PISTON CALIPER

PICTURE NOT AVAILABLE

TYPICAL APPLICATION

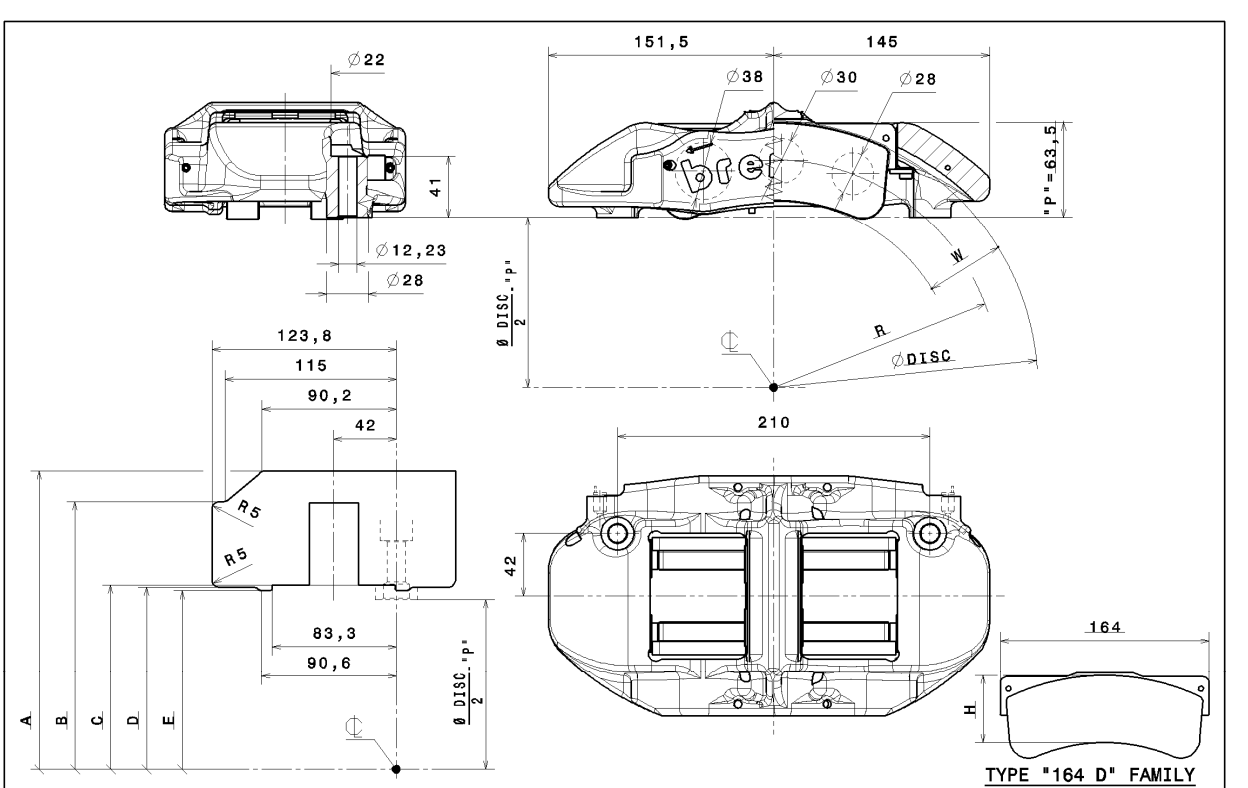
Grand AM

MOUNTING INFORMATION

Trailing	Leading
RH **XA6.H7.02**	RH **XA6.H7.02**
LH **XA6.H7.01**	LH **XA6.H7.01**

TECHNICAL SPECIFICATION

Piston Size [mm]	**28**	Piston Area [cm^2]	**49.13**	Mounting Offset [mm]	**42**
	30	Pad Area [cm^2]	**78.5**	Mounting Hole Dia. [mm]	**12.23**
	38	Pad Thickness [mm]	**22**	Caliper Body	**Monobloc**
		Pad Family	**"164"**	Caliper Material	**Aluminium**
		Disc Thickness [mm]	**32**	Piston Insert	**Steel**
		Hydraulic Threads	**M10x1**	Weight [Kg]	
		Mounting Hole Center [mm]	**210**	Fluid Capacity	**81.07**



Ø DISC	A	B	C	D	E
355	198,5	177	120	119	116
380	213	192,3	136,5	134,9	132,6

	Ø DISC	R	TH DISC	W(DISC)	H(PAD)	TH PAD
MIN	355	152,5	32	52,5	52,5	22
MAX	380	164,5	32	52,5	52,5	22

XA6H70102

P/N XA3.02.11/12

6 PISTON CALIPER

TYPICAL APPLICATION

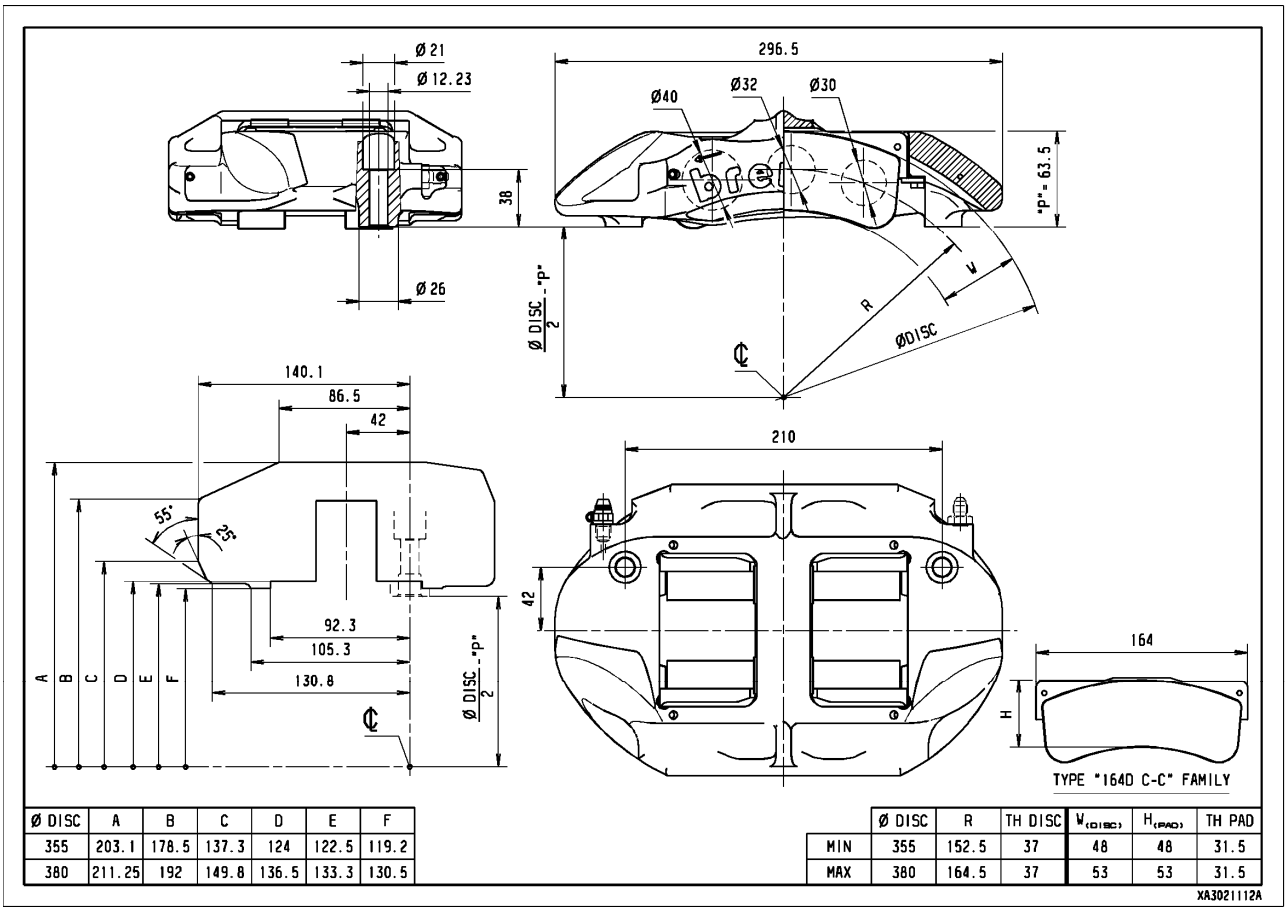
Grand Touring

MOUNTING INFORMATION

Trailing	Leading
RH **XA3.02.12**	RH **XA3.02.12**
LH **XA3.02.11**	LH **XA3.02.11**

TECHNICAL SPECIFICATION

Piston Size [mm]	**30**	Piston Area [cm^2]	**55.35**	Mounting Offset [mm]	**42**
	32	Pad Area [cm^2]	**71**	Mounting Hole Dia. [mm]	**12.23**
	40	Pad Thickness [mm]	**31.5**	Caliper Body	**Monobloc**
		Pad Family	**"164C-C"**	Caliper Material	**Aluminium**
		Disc Thickness [mm]	**37**	Piston Insert	**Titanium**
		Hydraulic Threads	**M10x1**	Weight [Kg]	**2.90**
		Mounting Hole Center [mm]	**210**	Fluid Capacity	**135.6**



Ø DISC	A	B	C	D	E	F
355	203.1	178.5	137.3	124	122.5	119.2
380	211.25	192	149.8	136.5	133.3	130.5

	Ø DISC	R	TH DISC	$W_{(DISC)}$	$H_{(PAD)}$	TH PAD
MIN	355	152.5	37	48	48	31.5
MAX	380	164.5	37	53	53	31.5

XA3021112A

P/N XA3.02.21/22

6 PISTON CALIPER

TYPICAL APPLICATION

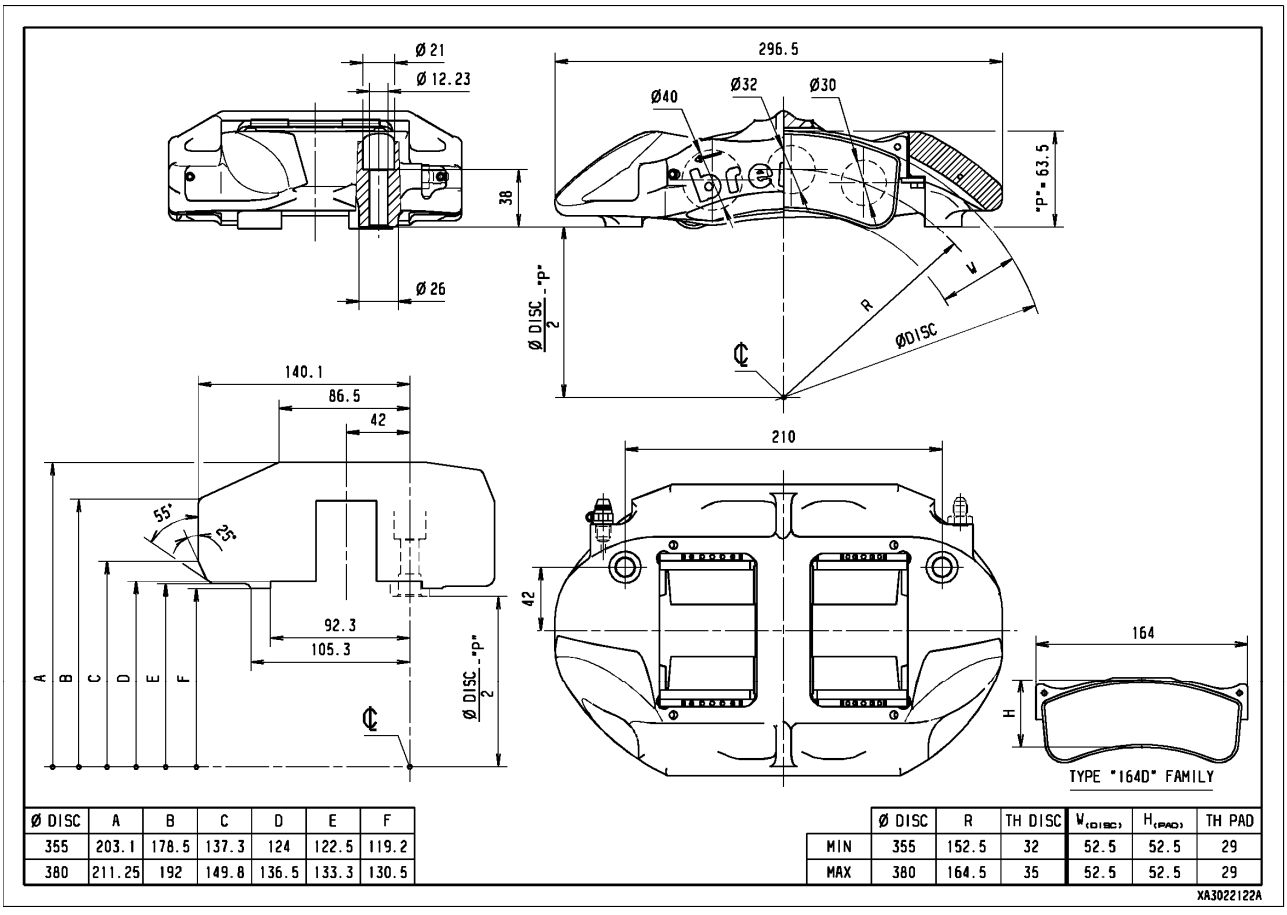
Grand Touring

MOUNTING INFORMATION

Trailing	Leading
RH **XA3.02.22**	RH **XA3.02.22**
LH **XA3.02.21**	LH **XA3.02.21**

TECHNICAL SPECIFICATION

Piston Size [mm]	**30**	Piston Area [cm^2]	**55.35**	Mounting Offset [mm]	**42**
	32	Pad Area [cm^2]	**78.5**	Mounting Hole Dia. [mm]	**12.23**
	40	Pad Thickness [mm]	**29**	Caliper Body	**Monobloc**
		Pad Family	**"164D"**	Caliper Material	**Aluminium**
		Disc Thickness [mm]	**32 - 35**	Piston Insert	**Titanium**
		Hydraulic Threads	**M10x1**	Weight [Kg]	**2.90**
		Mounting Hole Center [mm]	**210**	Fluid Capacity	**130.0**



Ø DISC	A	B	C	D	E	F
355	203.1	178.5	137.3	124	122.5	119.2
380	211.25	192	149.8	136.5	133.3	130.5

	Ø DISC	R	TH DISC	$W_{(DISC)}$	$H_{(PAD)}$	TH PAD
MIN	355	152.5	32	52.5	52.5	29
MAX	380	164.5	35	52.5	52.5	29

XA3022122A

P/N XA3.02.31/32

6 PISTON CALIPER

TYPICAL APPLICATION

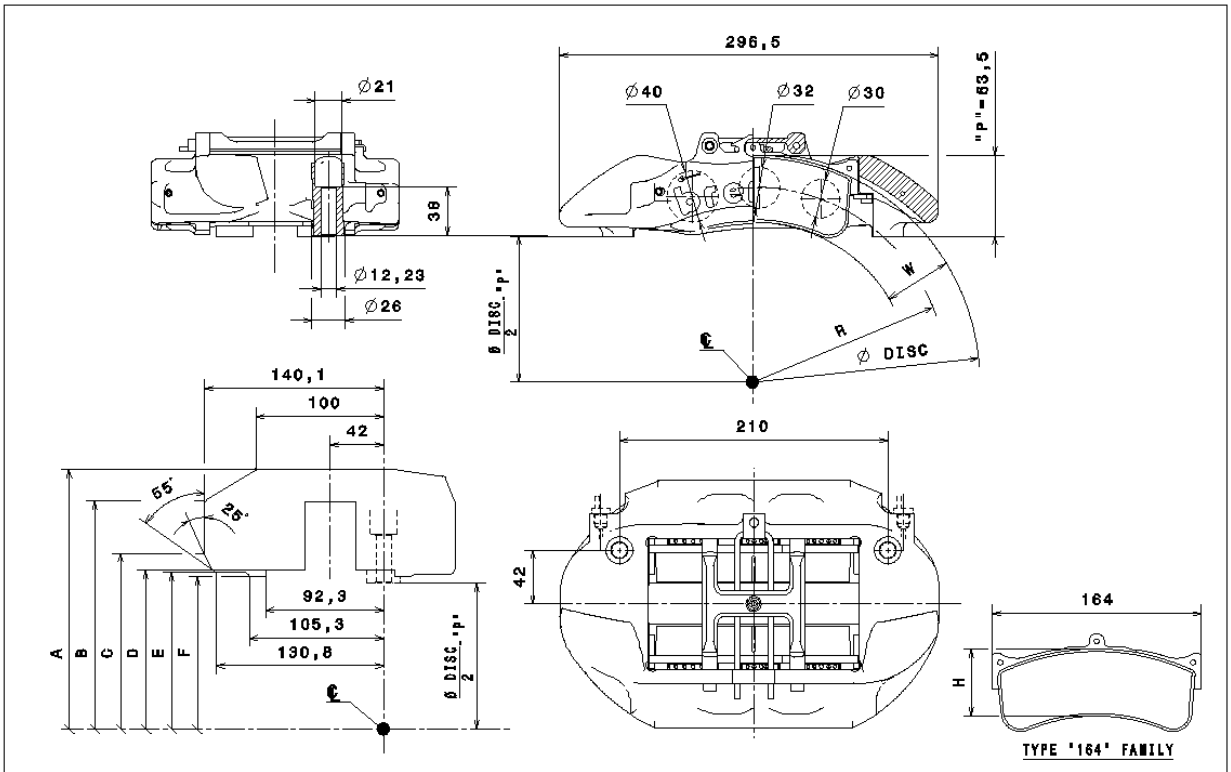
Grand Touring

MOUNTING INFORMATION

Trailing	Leading
RH **XA3.02.32**	RH **XA3.02.32**
LH **XA3.02.31**	LH **XA3.02.31**

TECHNICAL SPECIFICATION

Piston Size [mm]	**30**	Piston Area [cm^2]	**55.35**	Mounting Offset [mm]	**42**
	32	Pad Area [cm^2]	**78.5**	Mounting Hole Dia. [mm]	**12.23**
	40	Pad Thickness [mm]	**29**	Caliper Body	**Monobloc**
		Pad Family	**"164"**	Caliper Material	**Aluminium**
		Disc Thickness [mm]	**32 - 35**	Piston Insert	**Titanium**
		Hydraulic Threads	**M10x1**	Weight [Kg]	**2.90**
		Mounting Hole Center [mm]	**210**	Fluid Capacity	**130.0**



Ø DISC	A	B	C	D	E	F
355	203.1	178.5	137.3	124	122.5	119.2
380	211.25	192	149.8	136.5	133.3	130.5

	Ø DISC	R	TH DISC	W (DISC)	H (PAD)	TH PAD
MIN	355	152.5	32	52.5	52.5	29
MAX	380	164.5	35	52.5	52.5	29

XA3023132

P/N XA3.02.41/42

6 PISTON CALIPER

TYPICAL APPLICATION

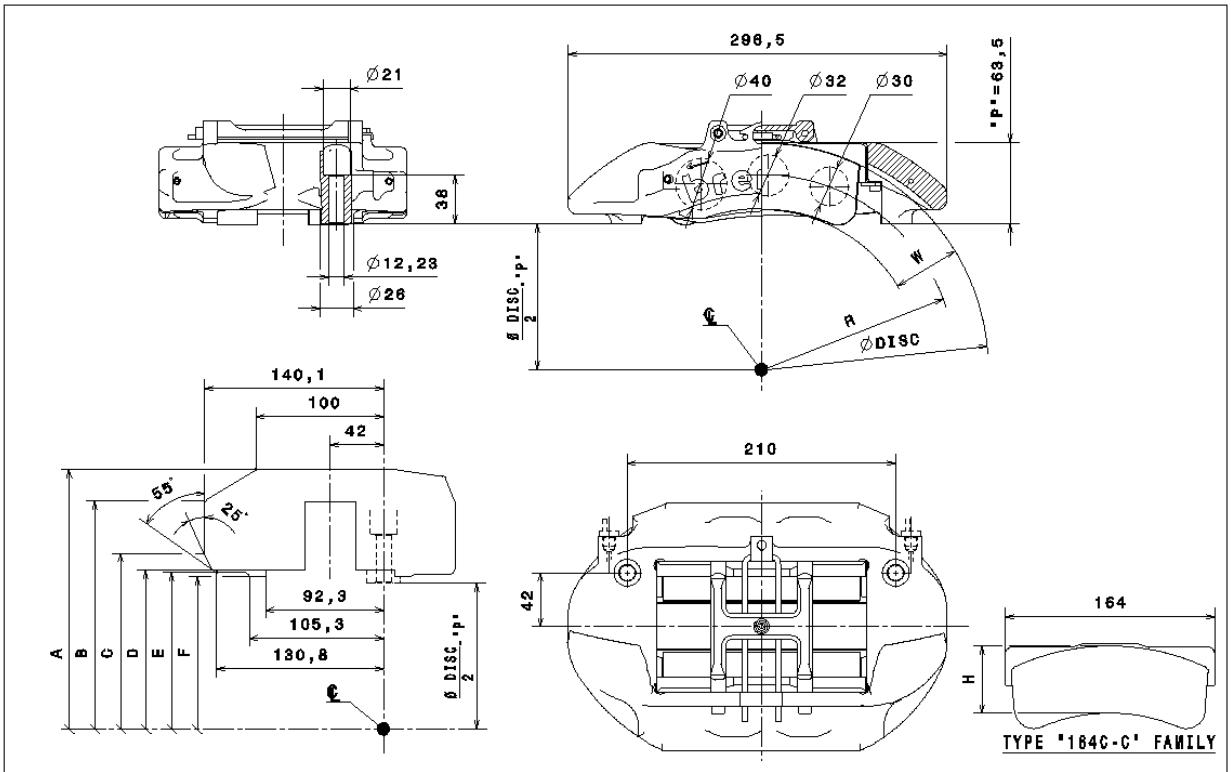
Grand Touring

MOUNTING INFORMATION

Trailing	Leading
RH **XA3.02.42**	RH **XA3.02.42**
LH **XA3.02.41**	LH **XA3.02.41**

TECHNICAL SPECIFICATION

Piston Size [mm]	**30**	Piston Area [cm^2]	**55.35**	Mounting Offset [mm]	**42**
	32	Pad Area [cm^2]	**71**	Mounting Hole Dia. [mm]	**12.23**
	40	Pad Thickness [mm]	**31.5**	Caliper Body	**Monobloc**
		Pad Family	**"164C-C"**	Caliper Material	**Aluminium**
		Disc Thickness [mm]	**37**	Piston Insert	**Titanium**
		Hydraulic Threads	**M10x1**	Weight [Kg]	**2.90**
		Mounting Hole Center [mm]	**210**	Fluid Capacity	**135.6**



Ø DISC	A	B	C	D	E	F
355	203.1	178.5	137.3	124	122.5	119.2
380	211.25	192	149.8	136.5	133.3	130.5

	Ø DISC	R	TH DISC	W (DISC)	H (PAD)	TH PAD
MIN	355	152.5	37	48	48	31.5
MAX	380	164.5	37	52.5	52.5	31.5

XA3024142

P/N XA6.L4.03/04

6 PISTON CALIPER

TYPICAL APPLICATION

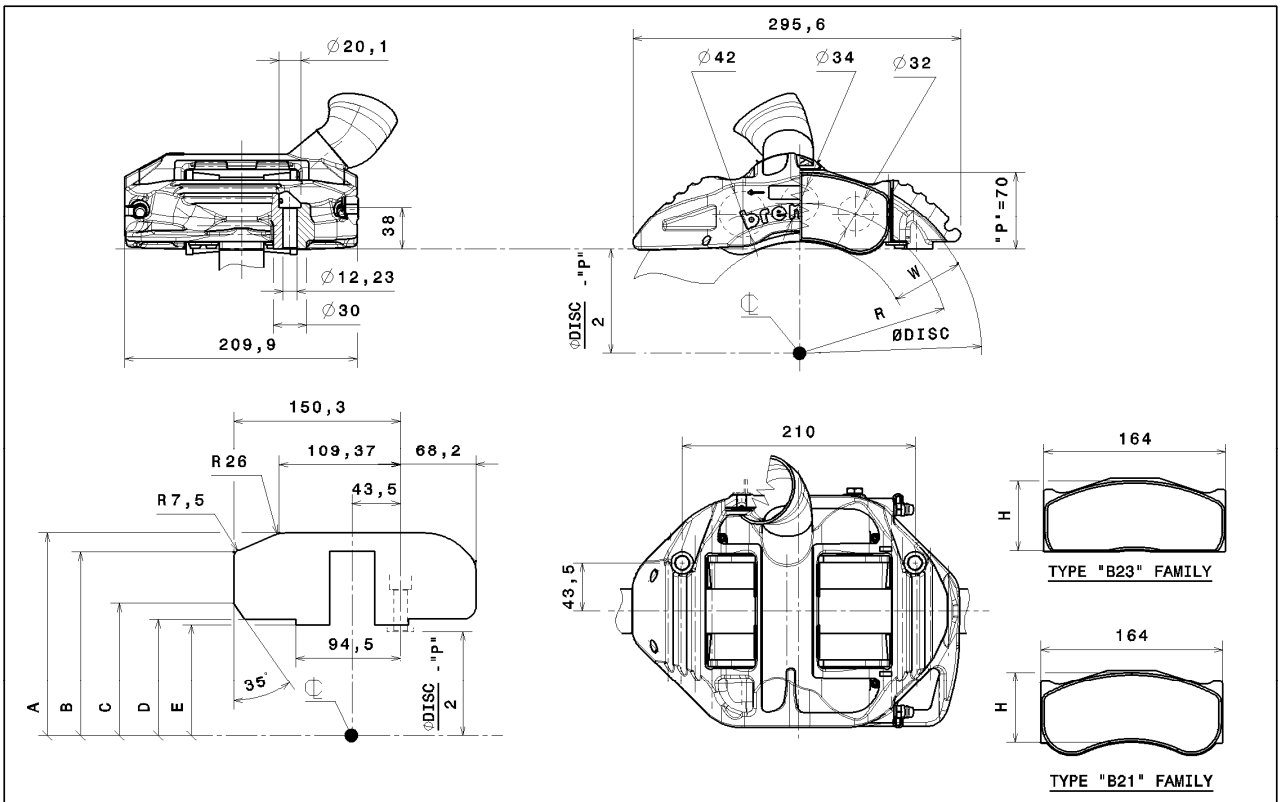
Nascar

MOUNTING INFORMATION

Trailing	Leading
RH **XA6.L4.04**	RH
LH **XA6.L4.03**	LH

TECHNICAL SPECIFICATION

Piston Size [mm]	**32**	Piston Area [cm^2]		Mounting Offset [mm]	**43,5**
	34	Pad Area [cm^2]	**89 -95**	Mounting Hole Dia. [mm]	**12,23**
	42	Pad Thickness [mm]	**30**	Caliper Body	**Monobloc**
		Pad Family	**"B21"-"B23"**	Caliper Material	**Aluminium**
		Disc Thickness [mm]	**35 - 40**	Piston Insert	
		Hydraulic Threads	**M10x1**	Weight [Kg]	**3,45**
		Mounting Hole Center [mm]	**210**	Fluid Capacity	**152,1**



Ø DISC	A	B	C	D	E
328	183,1	165,9	119,6	104,9	99,9

	Ø DISC	R	TH DISC	W(DISC)	H(PAD)	TH PAD
MIN	328	136	35	64	62	30
MAX	328	136	40	64	62	30

XA6L40304

P/N XA3.40.91/94

6 PISTON CALIPER

TYPICAL APPLICATION

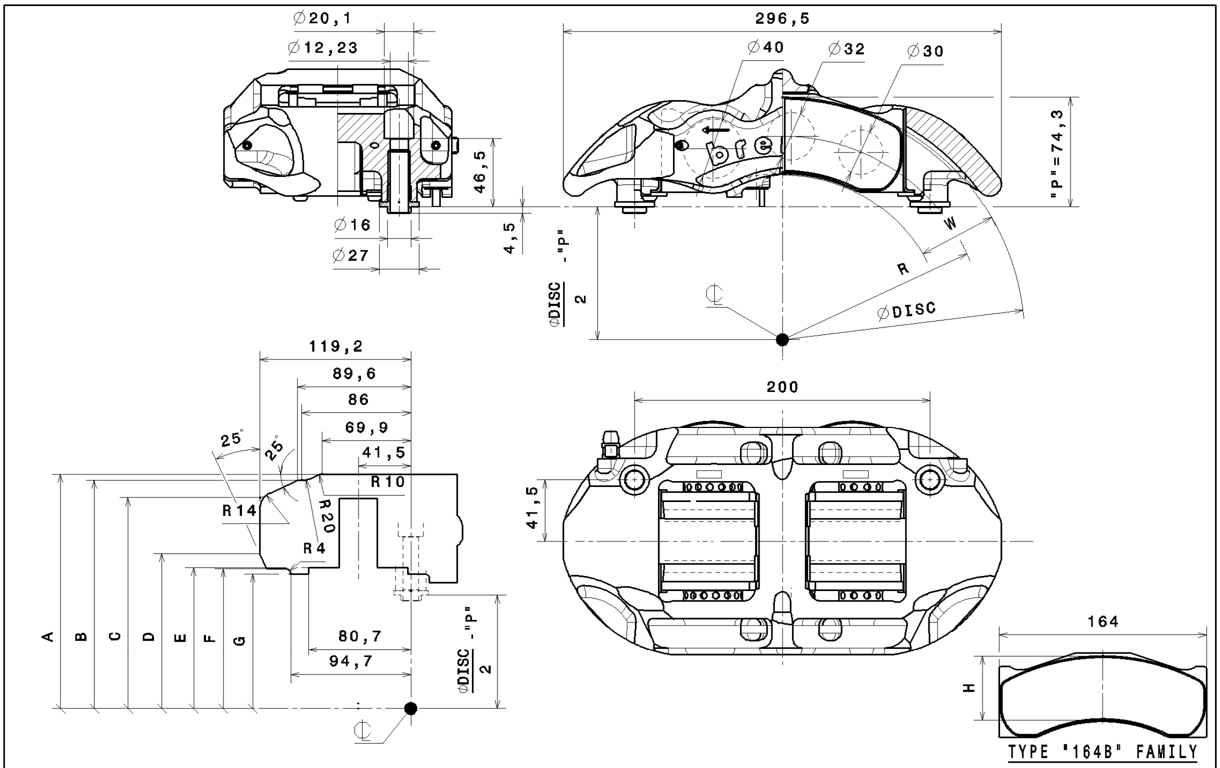
Rally Raid

MOUNTING INFORMATION

Trailing	Leading
RH **XA3.40.92**	RH **XA3.40.94**
LH **XA3.40.91**	LH **XA3.40.93**

TECHNICAL SPECIFICATION

Piston Size [mm]	30	Piston Area [cm^2]	55.35	Mounting Offset [mm]	41.5
	32	Pad Area [cm^2]	77	Mounting Hole Dia. [mm]	12.23
	40	Pad Thickness [mm]	18	Caliper Body	Monobloc
		Pad Family	"164A"	Caliper Material	Aluminium
		Disc Thickness [mm]	28	Piston Insert	Steel
		Hydraulic Threads	M10x1	Weight [Kg]	
		Mounting Hole Center [mm]	200	Fluid Capacity	99.64



Ø DISC	A	B	C	D	E	F	G
320	181,3	176,5	162,7	118,6	107,5	106,6	102,6
328	185,3	180,5	166,7	122,6	111,5	110,6	106,6

	Ø DISC	R	TH DISC	W(DISC)	H(PAD)	TH PAD
MIN	320	133,75	28	52,5	50	18
MAX	328	137,75	28	52,5	50	18

XA3409194

P/N X93.41.21/24

8 PISTON CALIPER

TYPICAL APPLICATION

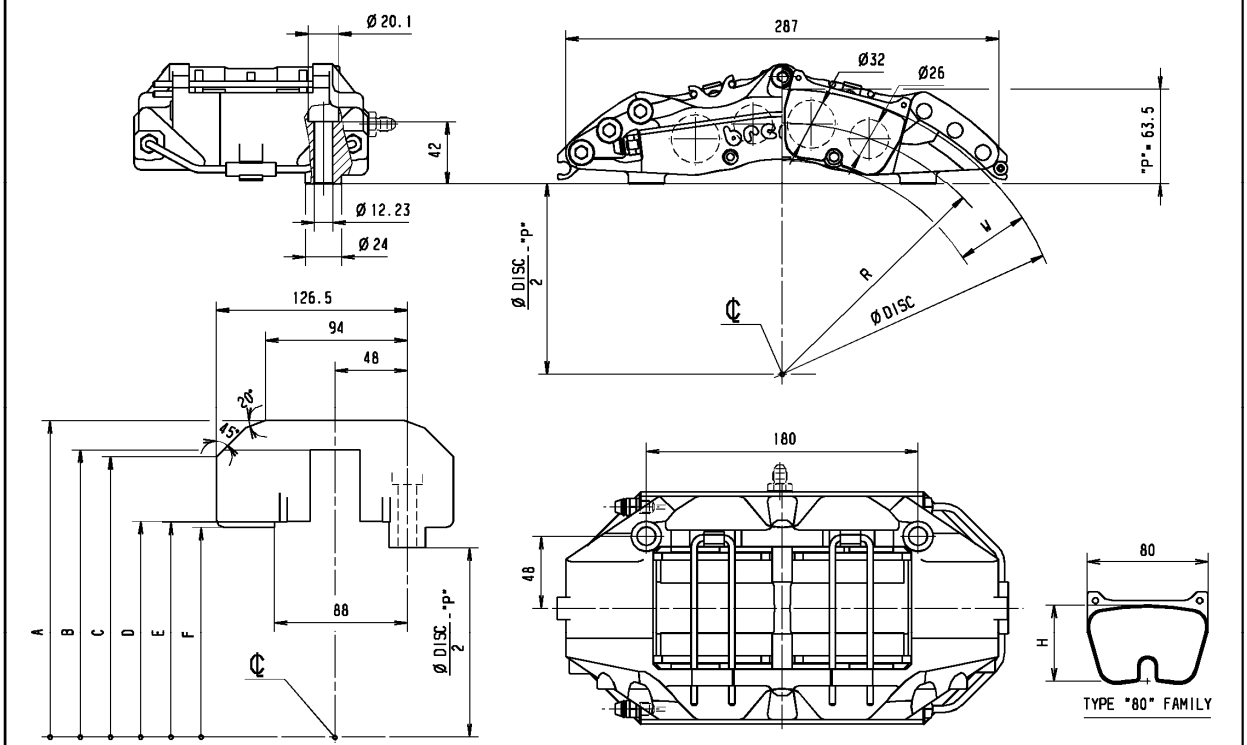
WRC & Touring Car

MOUNTING INFORMATION

Trailing	Leading
RH **X93.41.22**	RH **X93.41.24**
LH **X93.41.21**	LH **X93.41.23**

TECHNICAL SPECIFICATION

Piston Size [mm]	**26**	Piston Area [cm^2]	**53.40**	Mounting Offset [mm]	**48**
	32	Pad Area [cm^2]	**31.6**	Mounting Hole Dia. [mm]	**12.23**
	26	Pad Thickness [mm]	**20**	Caliper Body	**2 Pieces**
	32	Pad Family	**"80"**	Caliper Material	**Aluminium**
		Disc Thickness [mm]	**32**	Piston Insert	**Titanium**
		Hydraulic Threads	**M10x1**	Weight [Kg]	**2.98**
		Mounting Hole Center [mm]	**180**	Fluid Capacity	**82.78**



Ø DISC	A	B	C	D	E	F
355	198.5	179	174.5	130.8	130.3	127.5
380	211	191.5	187	143.3	142.8	140

	Ø DISC	R	TH DISC	$W_{(DISC)}$	$H_{(PAD)}$	TH PAD
MIN	355	155.5	32	47.5	45	20
MAX	380	167.6	32	47.5	45	20

P/N XA5.D6.01/04

8 PISTON CALIPER

TYPICAL APPLICATION

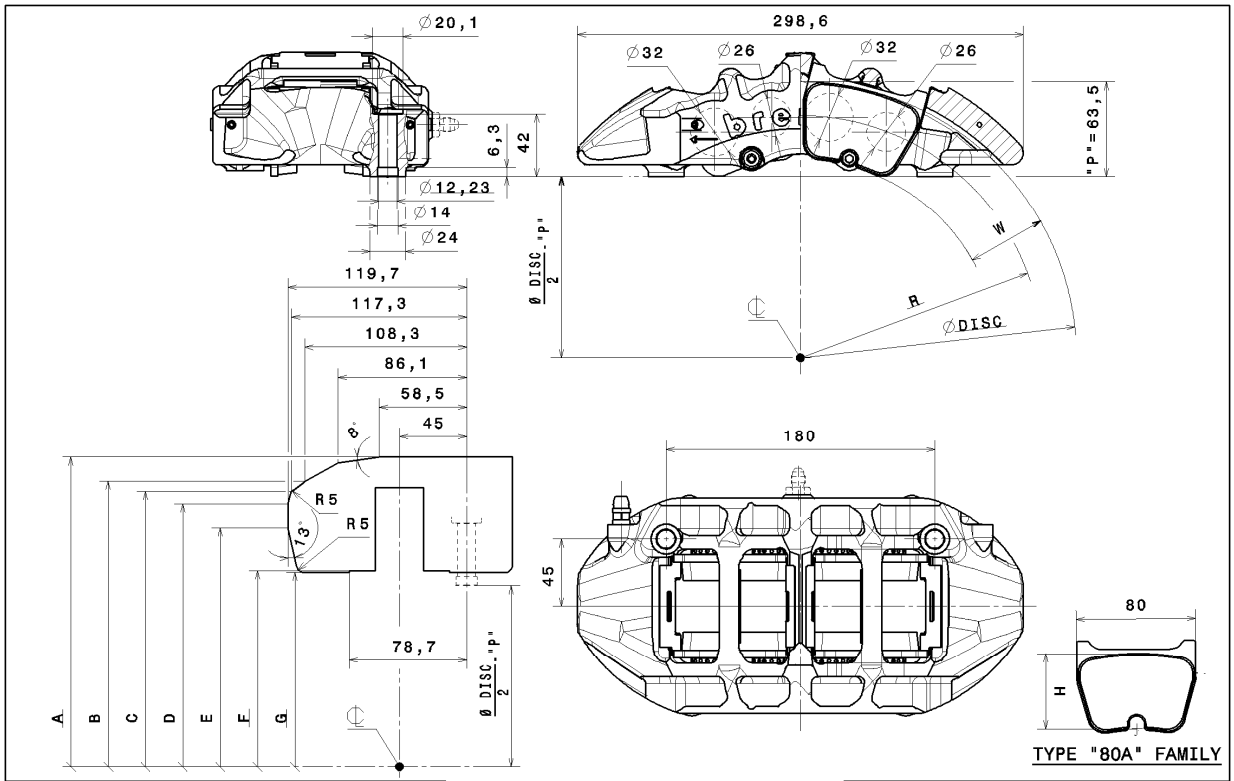
Rally

MOUNTING INFORMATION

Trailing	Leading
RH **XA5.D6.02**	RH **XA5.D6.04**
LH **XA5.D6.01**	LH **XA5.D6.03**

TECHNICAL SPECIFICATION

Piston Size [mm]	**26**	Piston Area [cm^2]	**53.40**	Mounting Offset [mm]	**45**
	32	Pad Area [cm^2]	**34.1**	Mounting Hole Dia. [mm]	**12.23**
	26	Pad Thickness [mm]	**17.5**	Caliper Body	**Monobloc**
	32	Pad Family	**"80-H51"**	Caliper Material	**Aluminium**
		Disc Thickness [mm]	**30 - 32**	Piston Insert	**Titanium**
		Hydraulic Threads	**M10x1**	Weight [Kg]	**2.52**
		Mounting Hole Center [mm]	**180**	Fluid Capacity	**96.13**



Ø DISC	A	B	C	D	E	F	G
355	200	183,8	177	168,7	152,6	124	122,8
370	207,5	191,3	184,5	176,2	160,1	131,5	130,3

	Ø DISC	R	TH DISC	W(DISC)	H(PAD)	TH PAD
MIN	355	155	30	52,5	51	17,5
MAX	370	162,4	32	52,5	51	17,5

XA5D60104

P/N X99.D0.01/04

8 PISTON RALLY (LIGHT) CALIPER

TYPICAL APPLICATION

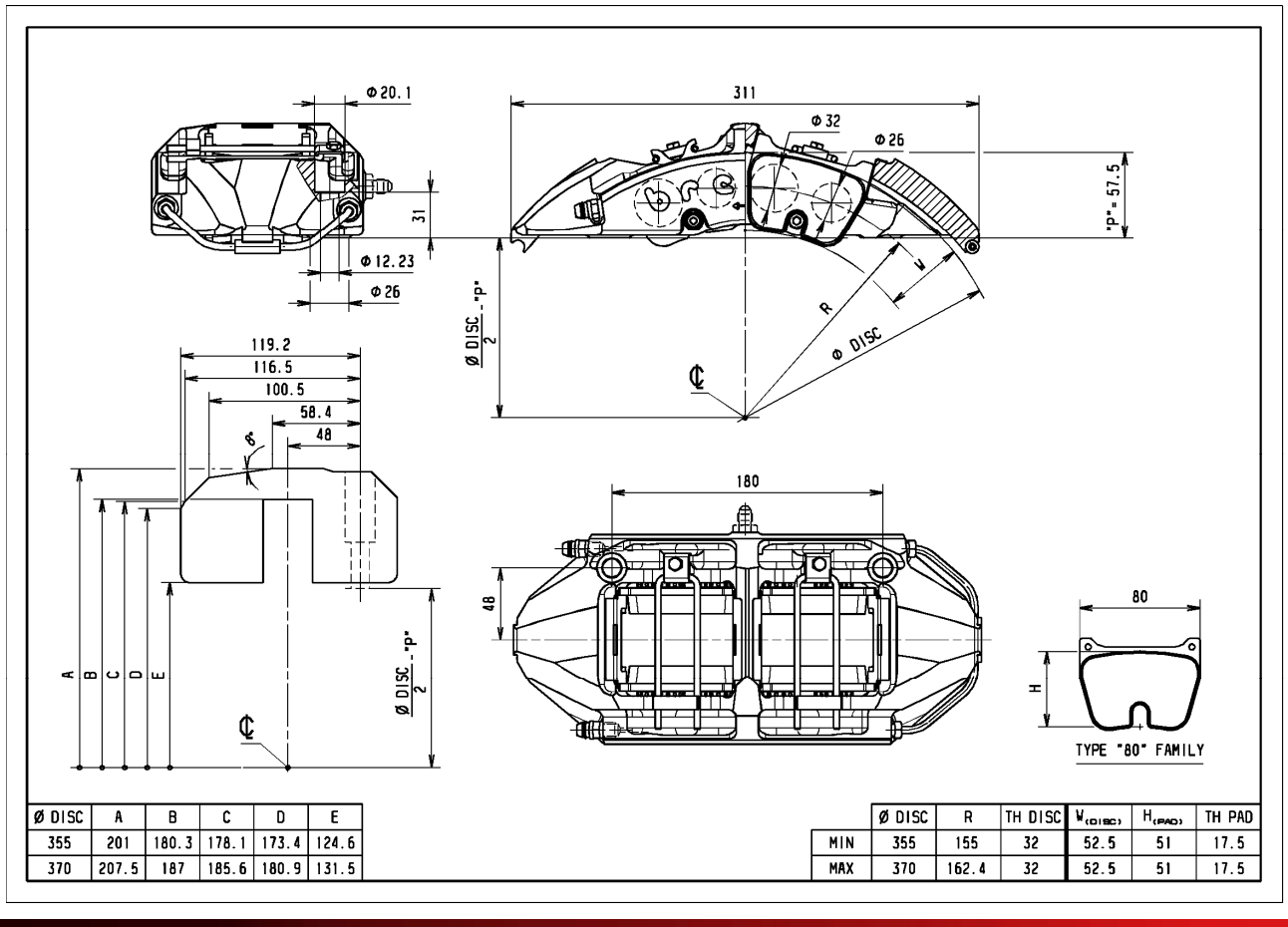
Front tarmac caliper WRC

MOUNTING INFORMATION

Trailing	Leading
RH **X99.D0.02**	RH **X99.D0.04**
LH **X99.D0.01**	LH **X99.D0.03**

TECHNICAL SPECIFICATION

Piston Size [mm]	**26**	Piston Area [cm^2]	**53.40**	Mounting Offset [mm]	**48**
	32	Pad Area [cm^2]	**33.3**	Mounting Hole Dia. [mm]	**12.23**
	26	Pad Thickness [mm]	**17.5**	Caliper Body	**Monobloc**
	32	Pad Family	**"80"**	Caliper Material	**Aluminium**
		Disc Thickness [mm]	**32**	Piston Insert	**Titanium**
		Hydraulic Threads	**M10x1**	Weight [Kg]	**2.40**
		Mounting Hole Center [mm]	**180**	Fluid Capacity	**69.42**



Ø DISC	A	B	C	D	E
355	201	180.3	178.1	173.4	124.6
370	207.5	187	185.6	180.9	131.5

	Ø DISC	R	TH DISC	$W_{(DISC)}$	$H_{(PAD)}$	TH PAD
MIN	355	155	32	52.5	51	17.5
MAX	370	162.4	32	52.5	51	17.5

P/N X99.D0.11/14

8 PISTON RALLY (LIGHT) CALIPER

TYPICAL APPLICATION

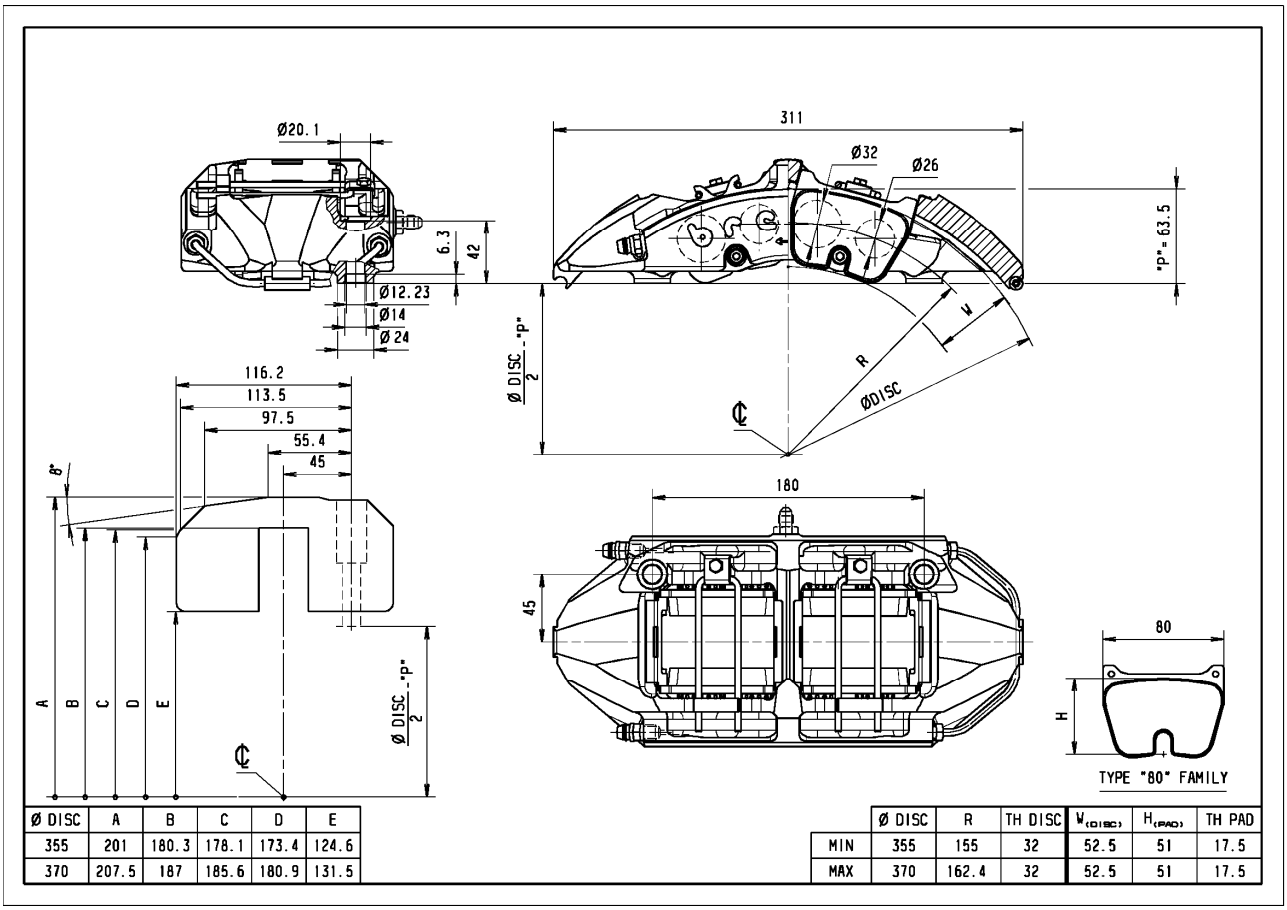
Front tarmac caliper WRC

MOUNTING INFORMATION

Trailing	Leading
RH X99.D0.12	RH X99.D0.14
LH X99.D0.11	LH X99.D0.13

TECHNICAL SPECIFICATION

Piston Size [mm]	26	Piston Area [cm^2]	53.40	Mounting Offset [mm]	42
	32	Pad Area [cm^2]	33.3	Mounting Hole Dia. [mm]	12.23
	26	Pad Thickness [mm]	17.5	Caliper Body	Monobloc
	32	Pad Family	"80"	Caliper Material	Aluminium
		Disc Thickness [mm]	32	Piston Insert	Titanium
		Hydraulic Threads	M10x1	Weight [Kg]	2.41
		Mounting Hole Center [mm]	180	Fluid Capacity	69.42



Ø DISC	A	B	C	D	E
355	201	180.3	178.1	173.4	124.6
370	207.5	187	185.6	180.9	131.5

	Ø DISC	R	TH DISC	$W_{(DISC)}$	$H_{(PAD)}$	TH PAD
MIN	355	155	32	52.5	51	17.5
MAX	370	162.4	32	52.5	51	17.5

P/N 22.5882.11/21

HANDBRAKE CALIPER

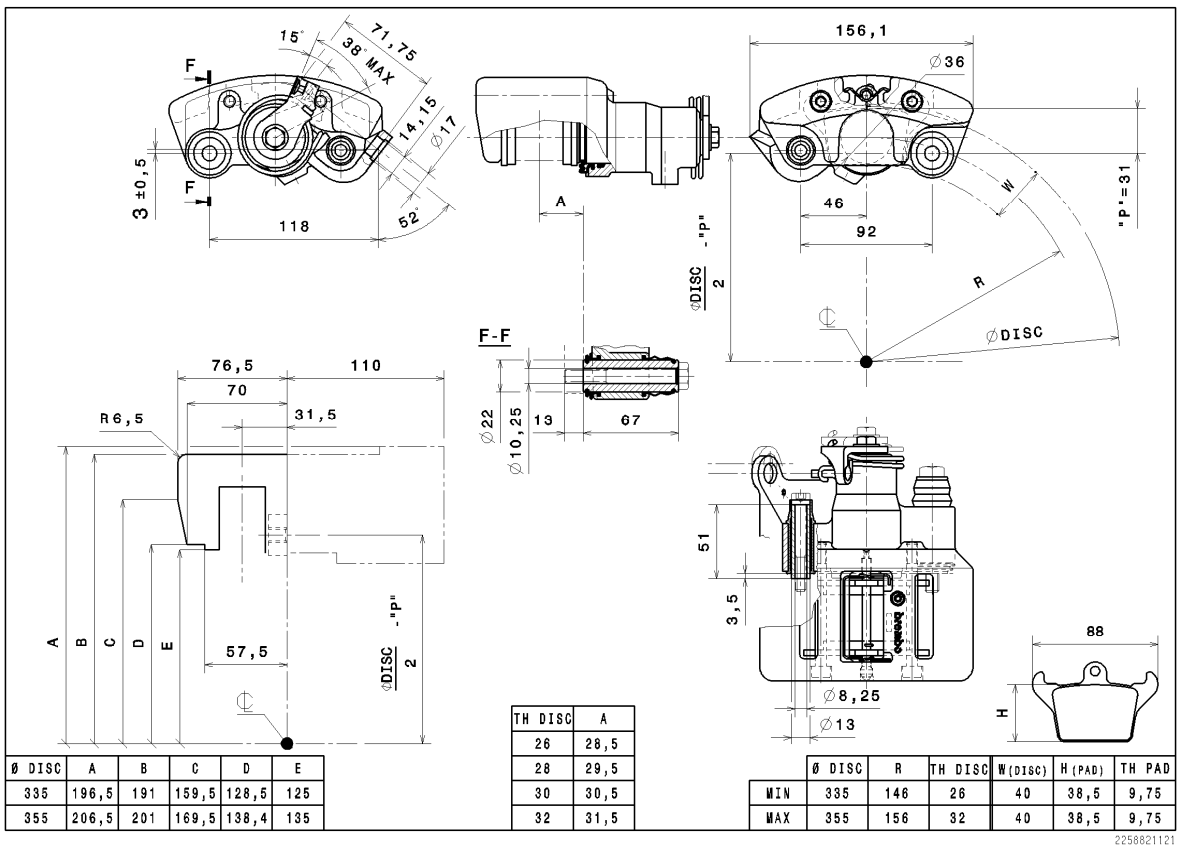
TYPICAL APPLICATION

MOUNTING INFORMATION

Trailing	Leading
RH 22.5882.12	RH 22.5882.12
LH 22.5882.11	LH 22.5882.11

TECHNICAL SPECIFICATION

Piston Size [mm]	36	Piston Area [cm^2]	20.35	Mounting Offset [mm]	
		Pad Area [cm^2]	26	Mounting Hole Dia. [mm]	
		Pad Thickness [mm]	10	Caliper Body	
		Pad Family		Caliper Material	
		Disc Thickness [mm]	26 - 32	Piston Insert	
		Hydraulic Threads	M10x1	Weight [Kg]	
		Mounting Hole Center [mm]	92	Fluid Capacity	20.35



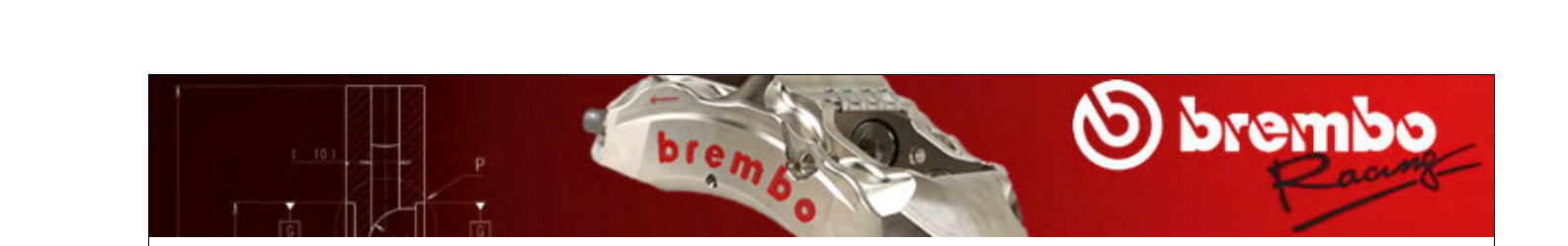
Ø DISC	A	B	C	D	E
335	196,5	191	159,5	128,5	125
355	206,5	201	169,5	138,4	135

TH DISC	A
26	28,5
28	29,5
30	30,5
32	31,5

	Ø DISC	R	TH DISC	W(DISC)	H(PAD)	TH PAD
MIN	335	146	26	40	38,5	9,75
MAX	355	156	32	40	38,5	9,75

2258821121


brembo
brembo
Racing

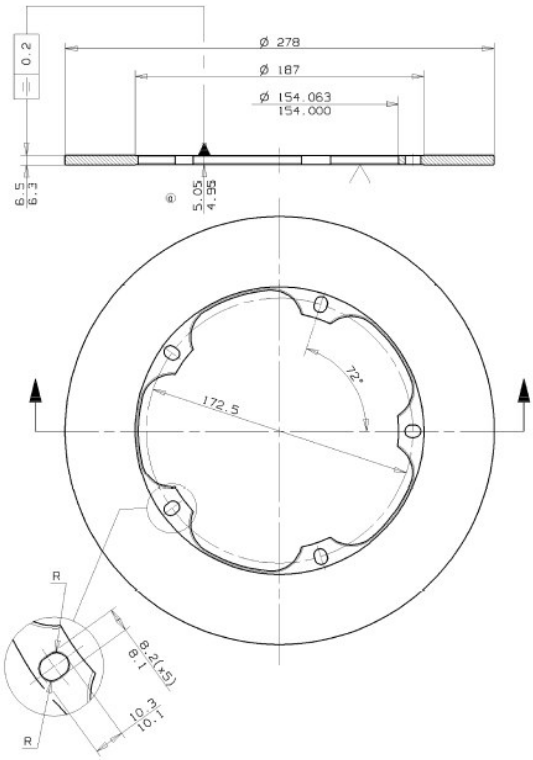


CAST IRON DISCS

P/N 08.4695.43

TECHNICAL SPECIFICATION

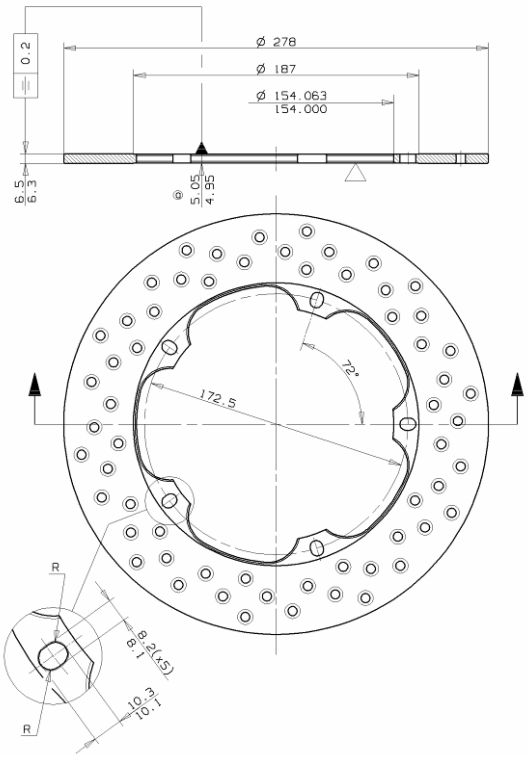
Diameter [mm]	278
Thickness [mm]	6.4
Annulus [mm]	45.5
Air Gap [mm]	-
Weight [Kg]	1.8
Ventilation	pieno
Offset [mm]	3.2
Number of Fixings	5
Mounting Hole Center [mm]	172.5
Inside Diameter [mm]	187
Flange Inside Diameter [mm]	154
Flange Thickness [mm]	5



P/N X95.50.60

TECHNICAL SPECIFICATION

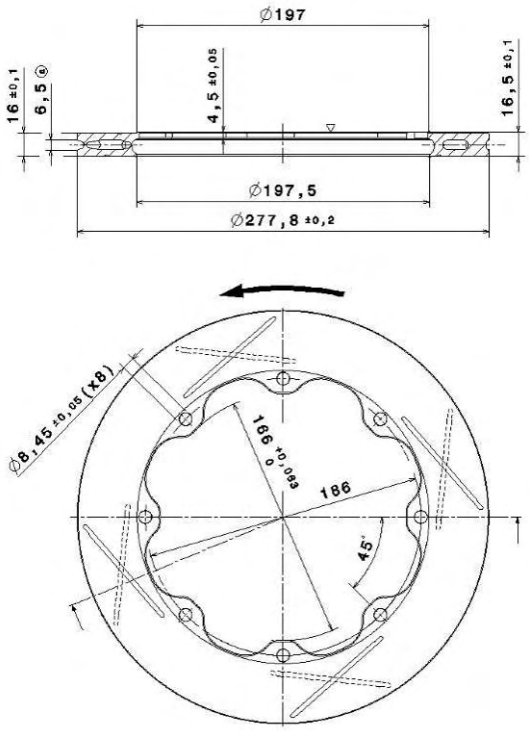
Diameter [mm]	278
Thickness [mm]	6.5
Annulus [mm]	45.5
Air Gap [mm]	-
Weight [Kg]	1.7
Ventilation	pieno
Offset [mm]	2.5
Number of Fixings	5
Mounting Hole Center [mm]	172.5
Inside Diameter [mm]	187
Flange Inside Diameter [mm]	154
Flange Thickness [mm]	5



P/N 09.8386.16

TECHNICAL SPECIFICATION

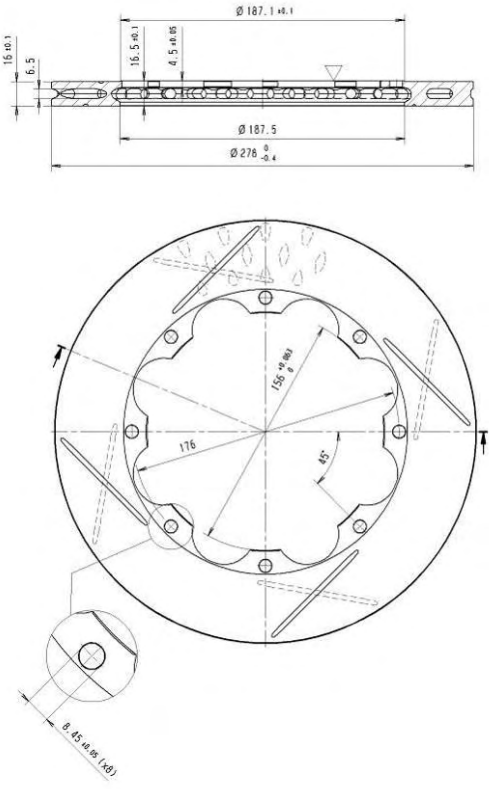
Diameter [mm]	278
Thickness [mm]	16
Annulus [mm]	40.25
Air Gap [mm]	6.5
Weight [Kg]	2.45
Ventilation	pioli
Offset [mm]	8.5
Number of Fixings	8
Mounting Hole Center [mm]	186
Inside Diameter [mm]	197.5
Flange Inside Diameter [mm]	166
Flange Thickness [mm]	4.5



P/N 09.8386.15

TECHNICAL SPECIFICATION

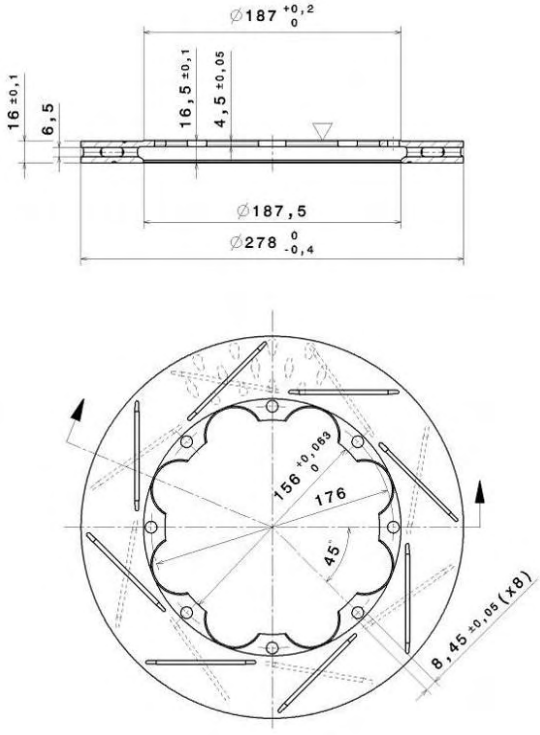
Diameter [mm]	278
Thickness [mm]	16
Annulus [mm]	45.25
Air Gap [mm]	6.5
Weight [Kg]	2.7
Ventilation	pioli
Offset [mm]	8.5
Number of Fixings	8
Mounting Hole Center [mm]	176
Inside Diameter [mm]	187.5
Flange Inside Diameter [mm]	156
Flange Thickness [mm]	4.5



P/N 09.5210.17

TECHNICAL SPECIFICATION

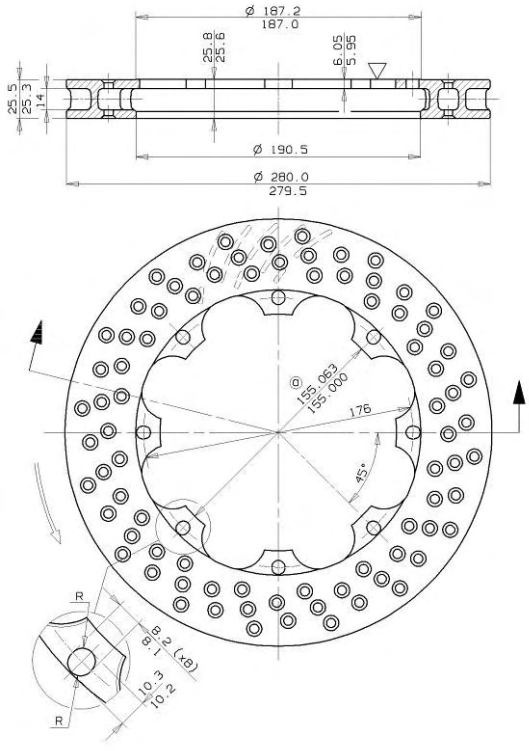
Diameter [mm]	278
Thickness [mm]	16
Annulus [mm]	45.5
Air Gap [mm]	6.5
Weight [Kg]	2.5
Ventilation	pioli
Offset [mm]	8.5
Number of Fixings	8
Mounting Hole Center [mm]	176
Inside Diameter [mm]	187
Flange Inside Diameter [mm]	156
Flange Thickness [mm]	4.5



P/N 09.5890.10/20

TECHNICAL SPECIFICATION

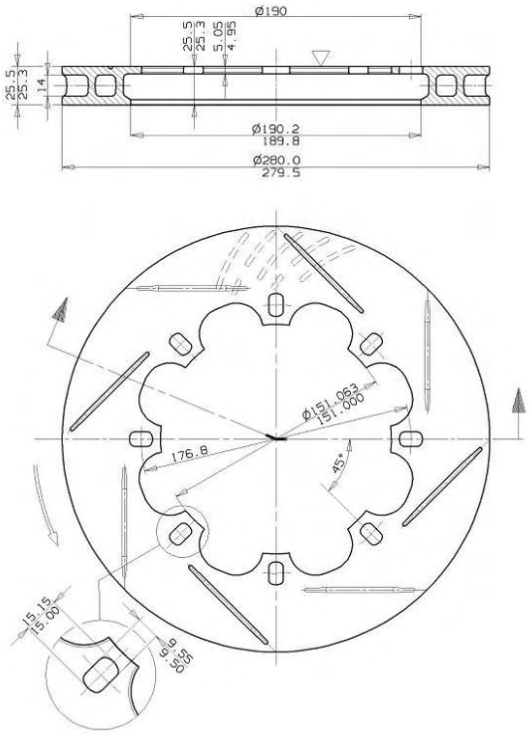
Diameter [mm]	280
Thickness [mm]	25.4
Annulus [mm]	44.75
Air Gap [mm]	14
Weight [Kg]	3.3
Ventilation	48 vanes
Offset [mm]	13
Number of Fixings	8
Mounting Hole Center [mm]	176
Inside Diameter [mm]	190.5
Flange Inside Diameter [mm]	155
Flange Thickness [mm]	6



P/N 09.5890.30/40

TECHNICAL SPECIFICATION

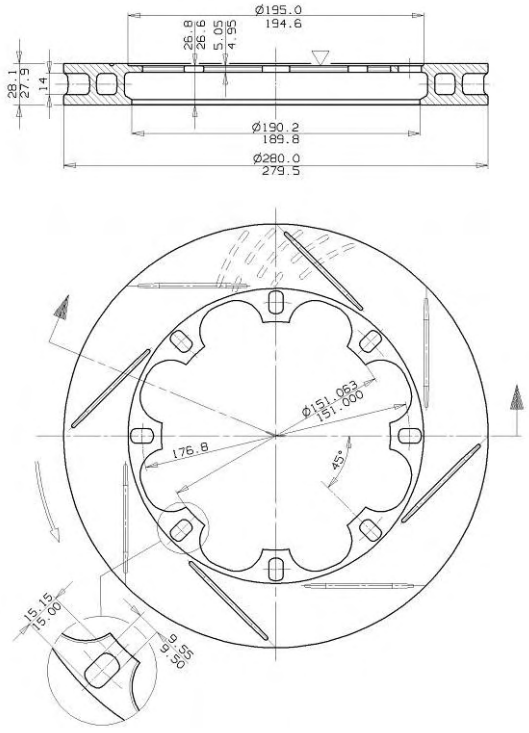
Diameter [mm]	280
Thickness [mm]	25.4
Annulus [mm]	45
Air Gap [mm]	14
Weight [Kg]	3.55
Ventilation	48 vanes
Offset [mm]	12.7
Number of Fixings	8
Mounting Hole Center [mm]	176.8
Inside Diameter [mm]	190
Flange Inside Diameter [mm]	151
Flange Thickness [mm]	5



P/N 09.5890.31/41

TECHNICAL SPECIFICATION

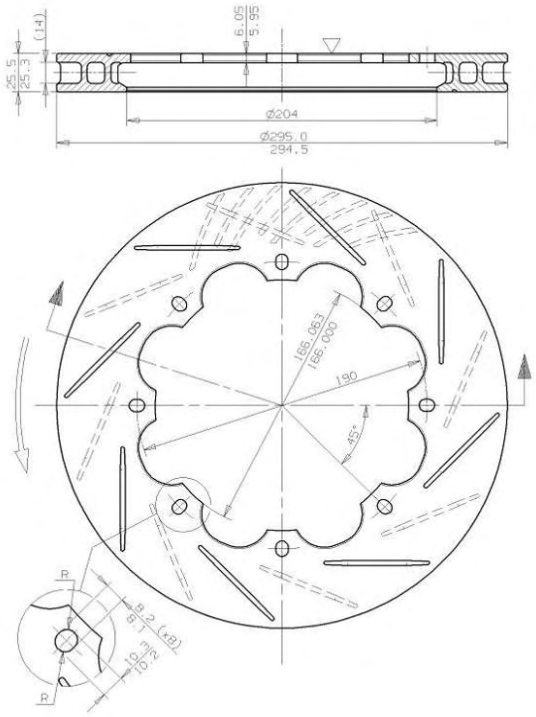
Diameter [mm]	280
Thickness [mm]	28
Annulus [mm]	45
Air Gap [mm]	14
Weight [Kg]	3.9
Ventilation	48 vanes
Offset [mm]	12.7
Number of Fixings	8
Mounting Hole Center [mm]	176.8
Inside Diameter [mm]	190
Flange Inside Diameter [mm]	151
Flange Thickness [mm]	5



P/N 09.7277.12/22

TECHNICAL SPECIFICATION

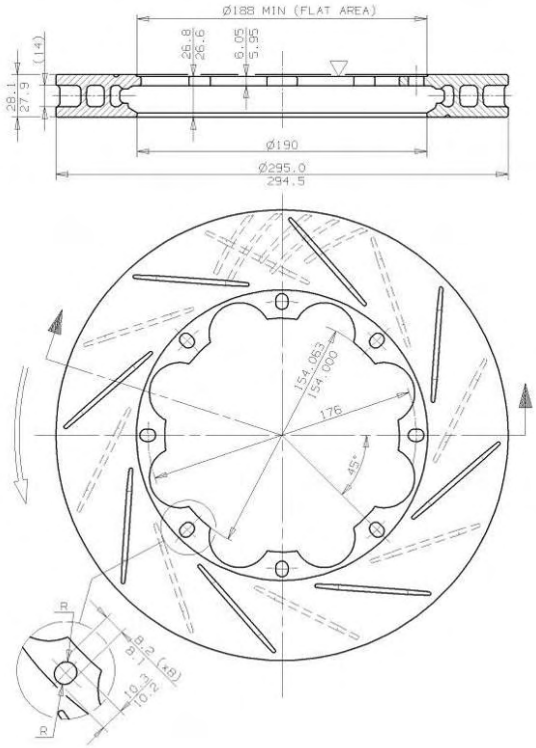
Diameter [mm]	295
Thickness [mm]	25.4
Annulus [mm]	45.5
Air Gap [mm]	14
Weight [Kg]	3.9
Ventilation	48 vanes
Offset [mm]	12.7
Number of Fixings	8
Mounting Hole Center [mm]	190
Inside Diameter [mm]	204
Flange Inside Diameter [mm]	166
Flange Thickness [mm]	6



P/N 09.7277.10/20

TECHNICAL SPECIFICATION

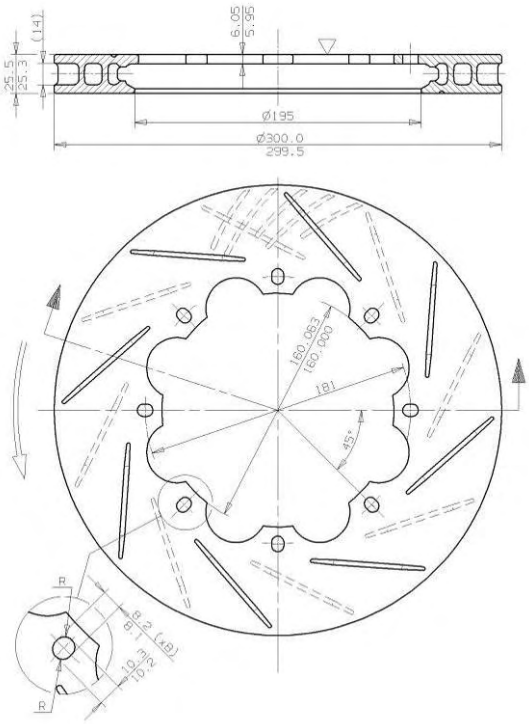
Diameter [mm]	295
Thickness [mm]	28
Annulus [mm]	52.5
Air Gap [mm]	14
Weight [Kg]	5.1
Ventilation	48 vanes
Offset [mm]	12.7
Number of Fixings	8
Mounting Hole Center [mm]	176
Inside Diameter [mm]	190
Flange Inside Diameter [mm]	154
Flange Thickness [mm]	6



P/N 09.7277.13/23

TECHNICAL SPECIFICATION

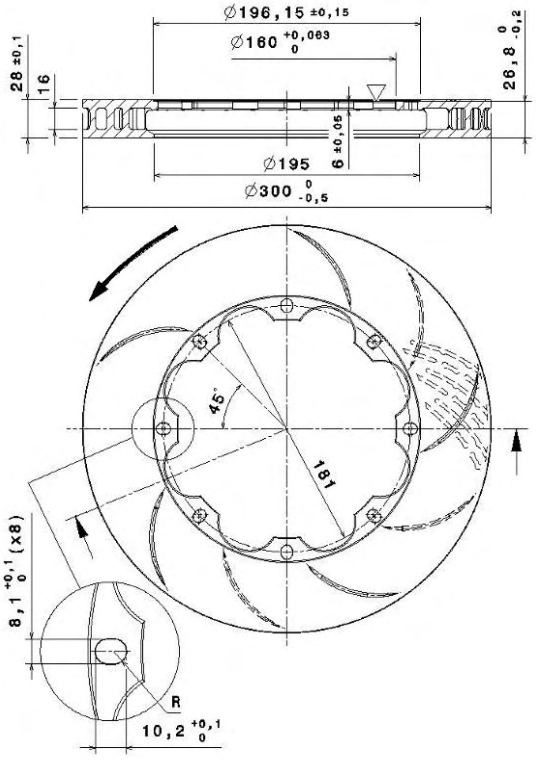
Diameter [mm]	300
Thickness [mm]	25.4
Annulus [mm]	52.5
Air Gap [mm]	14
Weight [Kg]	4.5
Ventilation	48 vanes
Offset [mm]	12.7
Number of Fixings	8
Mounting Hole Center [mm]	181
Inside Diameter [mm]	195
Flange Inside Diameter [mm]	160
Flange Thickness [mm]	6



P/N 09.9021.10/20

TECHNICAL SPECIFICATION

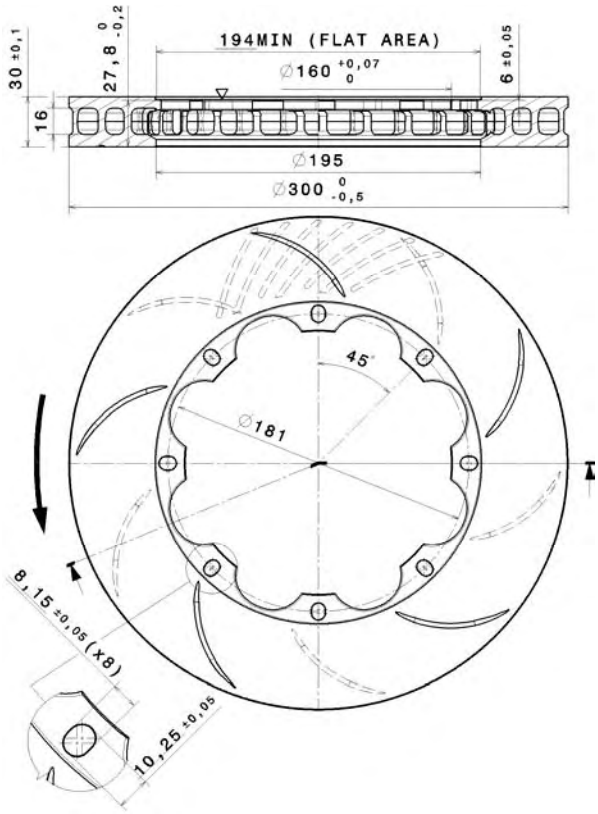
Diameter [mm]	300
Thickness [mm]	28
Annulus [mm]	52.5
Air Gap [mm]	16
Weight [Kg]	5.1
Ventilation	60 vanes
Offset [mm]	12.7
Number of Fixings	8
Mounting Hole Center [mm]	181
Inside Diameter [mm]	195
Flange Inside Diameter [mm]	160
Flange Thickness [mm]	6



P/N 09.8647.12/22

TECHNICAL SPECIFICATION

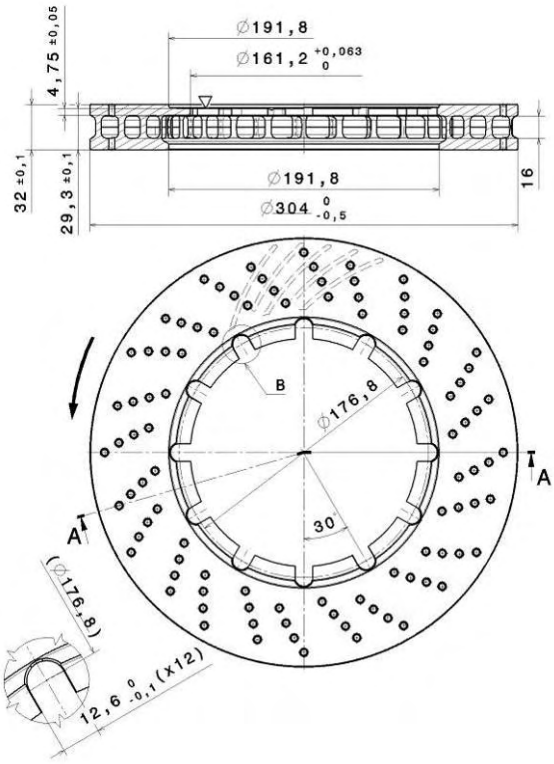
Diameter [mm]	300
Thickness [mm]	30
Annulus [mm]	52.5
Air Gap [mm]	16
Weight [Kg]	5.6
Ventilation	48 vanes
Offset [mm]	12,8
Number of Fixings	8
Mounting Hole Center [mm]	181
Inside Diameter [mm]	195
Flange Inside Diameter [mm]	160
Flange Thickness [mm]	6



P/N XA3.33.10/11

TECHNICAL SPECIFICATION

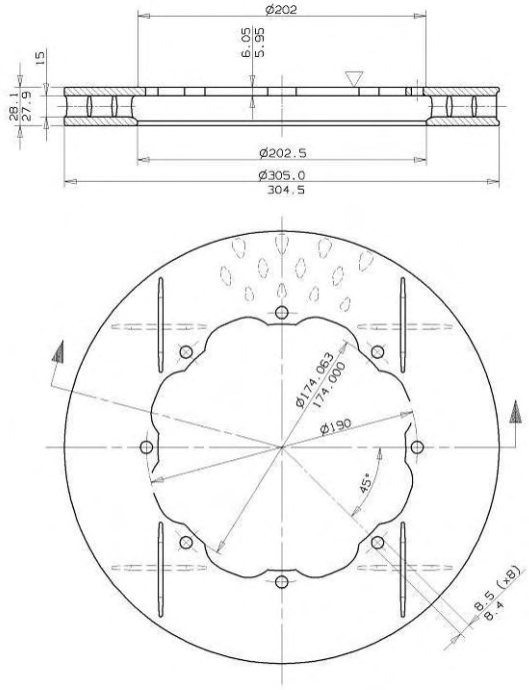
Diameter [mm]	304
Thickness [mm]	32
Annulus [mm]	56.1
Air Gap [mm]	16
Weight [Kg]	~6.4
Ventilation	48 vanes
Offset [mm]	13.3
Number of Fixings	12
Mounting Hole Center [mm]	
Inside Diameter [mm]	191.8
Flange Inside Diameter [mm]	161.2
Flange Thickness [mm]	4.75



P/N 09.5192.15

TECHNICAL SPECIFICATION

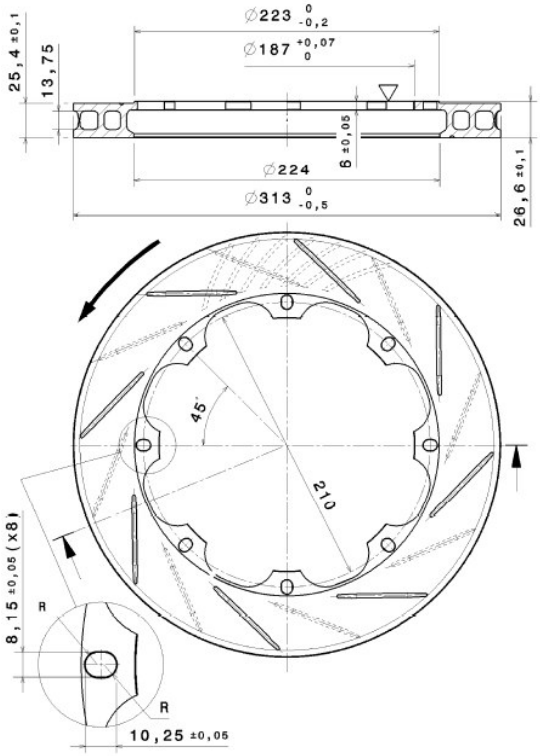
Diameter [mm]	305
Thickness [mm]	28
Annulus [mm]	51.5
Air Gap [mm]	15
Weight [Kg]	4.8
Ventilation	pioli
Offset [mm]	14
Number of Fixings	8
Mounting Hole Center [mm]	190
Inside Diameter [mm]	202
Flange Inside Diameter [mm]	174
Flange Thickness [mm]	6



P/N 09.7277.36/46

TECHNICAL SPECIFICATION

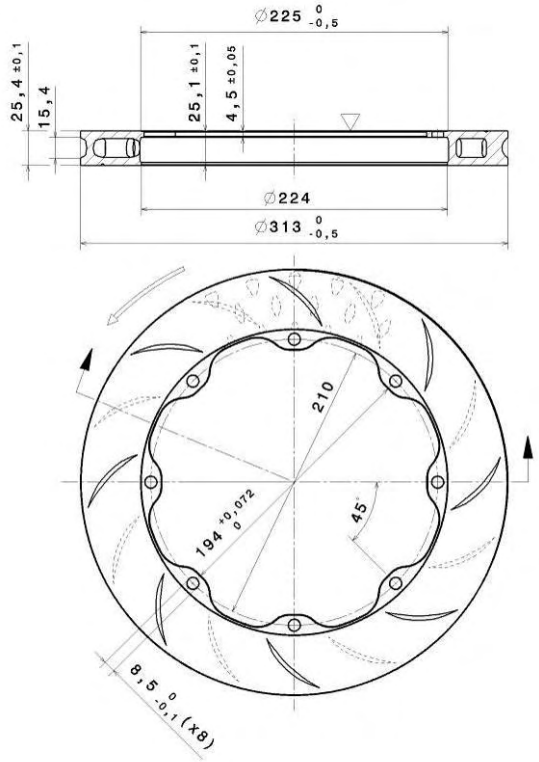
Diameter [mm]	313
Thickness [mm]	25.4
Annulus [mm]	44
Air Gap [mm]	14
Weight [Kg]	4.26
Ventilation	48 vanes
Offset [mm]	13.9
Number of Fixings	8
Mounting Hole Center [mm]	210
Inside Diameter [mm]	225
Flange Inside Diameter [mm]	187
Flange Thickness [mm]	6



P/N 09.9221.55/65

TECHNICAL SPECIFICATION

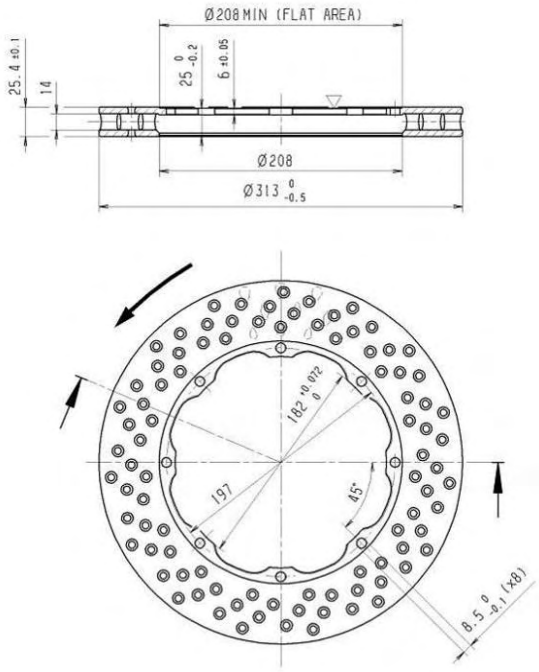
Diameter [mm]	313
Thickness [mm]	25.4
Annulus [mm]	44.5
Air Gap [mm]	14
Weight [Kg]	
Ventilation	pioli
Offset [mm]	12.4
Number of Fixings	8
Mounting Hole Center [mm]	210
Inside Diameter [mm]	224
Flange Inside Diameter [mm]	194
Flange Thickness [mm]	4.5



P/N X9.066.08

TECHNICAL SPECIFICATION

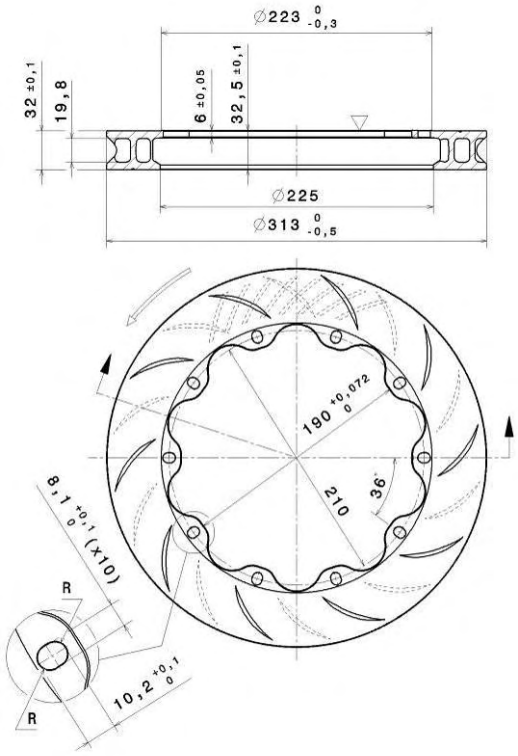
Diameter [mm]	313
Thickness [mm]	25.4
Annulus [mm]	52
Air Gap [mm]	14
Weight [Kg]	~ 4.
Ventilation	pioli
Offset [mm]	12.2
Number of Fixings	8
Mounting Hole Center [mm]	197
Inside Diameter [mm]	209
Flange Inside Diameter [mm]	182
Flange Thickness [mm]	6



P/N 09.9222.71/81

TECHNICAL SPECIFICATION

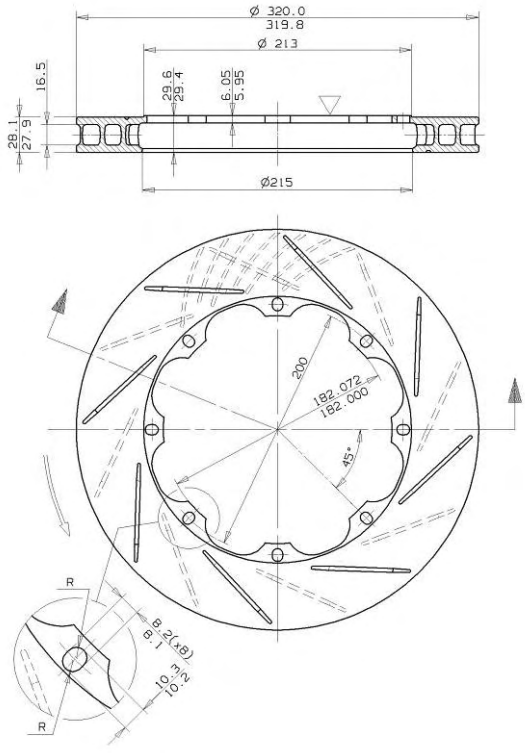
Diameter [mm]	313
Thickness [mm]	32
Annulus [mm]	44
Air Gap [mm]	19.8
Weight [Kg]	
Ventilation	48 vanes
Offset [mm]	16.5
Number of Fixings	10
Mounting Hole Center [mm]	210
Inside Diameter [mm]	225
Flange Inside Diameter [mm]	190
Flange Thickness [mm]	6



P/N 09.5682.50/60

TECHNICAL SPECIFICATION

Diameter [mm]	320
Thickness [mm]	28
Annulus [mm]	52.5
Air Gap [mm]	16.5
Weight [Kg]	5.2
Ventilation	48 vanes
Offset [mm]	15.5
Number of Fixings	8
Mounting Hole Center [mm]	200
Inside Diameter [mm]	215
Flange Inside Diameter [mm]	182
Flange Thickness [mm]	6



P/N XA6.D7.01/02

TECHNICAL SPECIFICATION

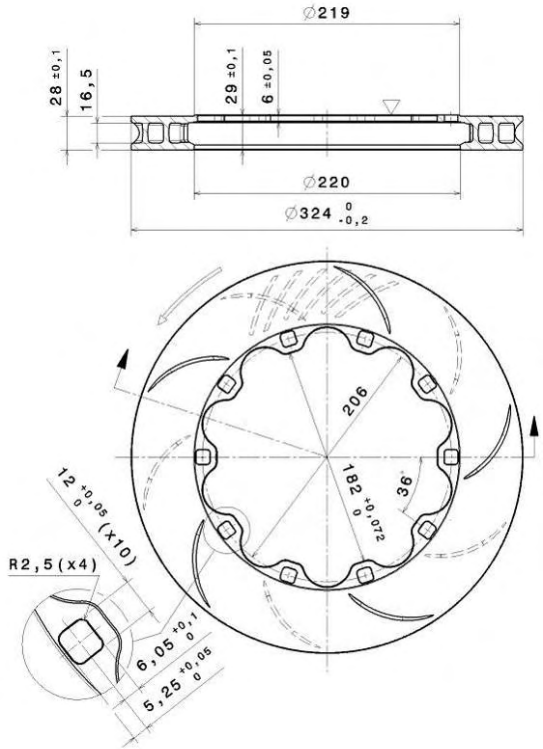
Diameter [mm]	320
Thickness [mm]	28
Annulus [mm]	52.5
Air Gap [mm]	16.5
Weight [Kg]	5.15
Ventilation	48 vanes
Offset [mm]	15.5
Number of Fixings	12
Mounting Hole Center [mm]	201
Inside Diameter [mm]	215
Flange Inside Diameter [mm]	189
Flange Thickness [mm]	6

DRAWING NOT AVAILABLE

P/N 09.9226.12/22

TECHNICAL SPECIFICATION

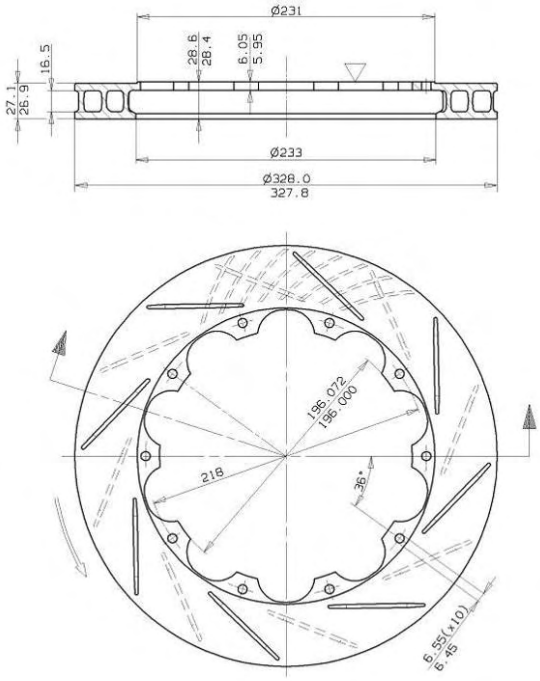
Diameter [mm]	324
Thickness [mm]	28
Annulus [mm]	54
Air Gap [mm]	16.5
Weight [Kg]	5.24
Ventilation	48 vanes
Offset [mm]	15
Number of Fixings	10
Mounting Hole Center [mm]	202
Inside Diameter [mm]	216
Flange Inside Diameter [mm]	178
Flange Thickness [mm]	6



P/N 09.5682.51/61

TECHNICAL SPECIFICATION

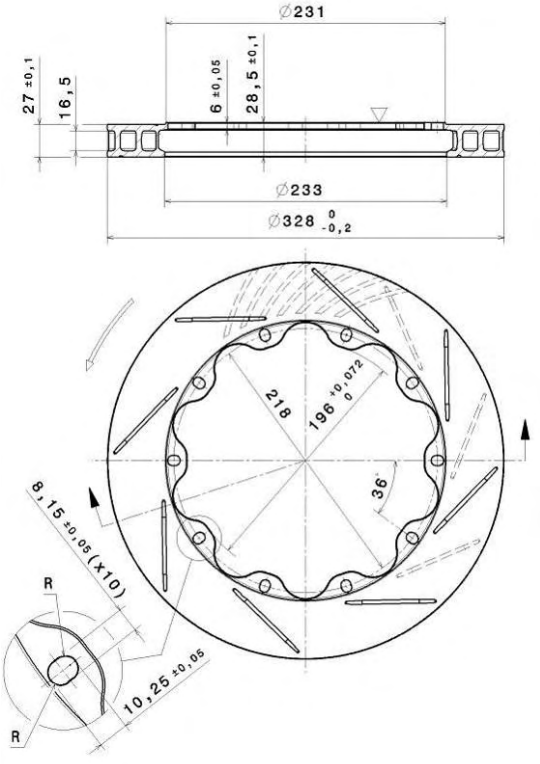
Diameter [mm]	328
Thickness [mm]	27
Annulus [mm]	47.5
Air Gap [mm]	16.5
Weight [Kg]	4.5
Ventilation	48 vanes
Offset [mm]	15
Number of Fixings	10
Mounting Hole Center [mm]	218
Inside Diameter [mm]	233
Flange Inside Diameter [mm]	196
Flange Thickness [mm]	6



P/N 09.5682.56/66

TECHNICAL SPECIFICATION

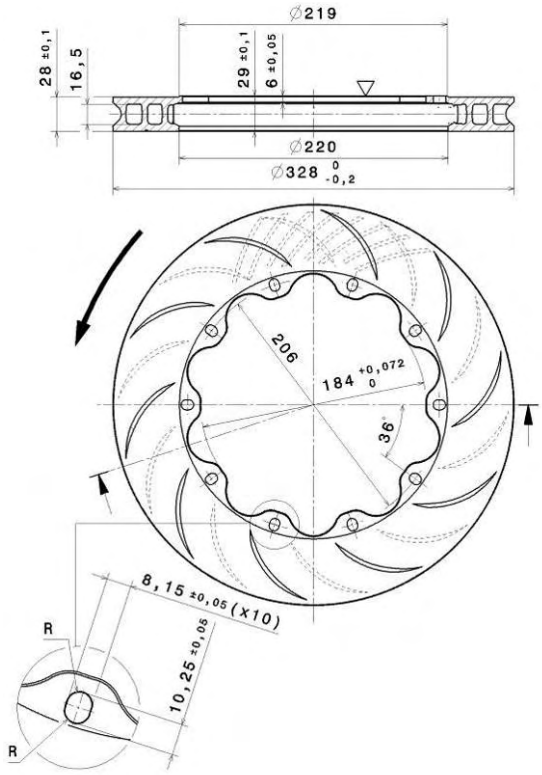
Diameter [mm]	328
Thickness [mm]	27
Annulus [mm]	47.5
Air Gap [mm]	16.5
Weight [Kg]	4.7
Ventilation	48 vanes
Offset [mm]	15
Number of Fixings	10
Mounting Hole Center [mm]	218
Inside Diameter [mm]	233
Flange Inside Diameter [mm]	196
Flange Thickness [mm]	6



P/N 09.9226.10/20

TECHNICAL SPECIFICATION

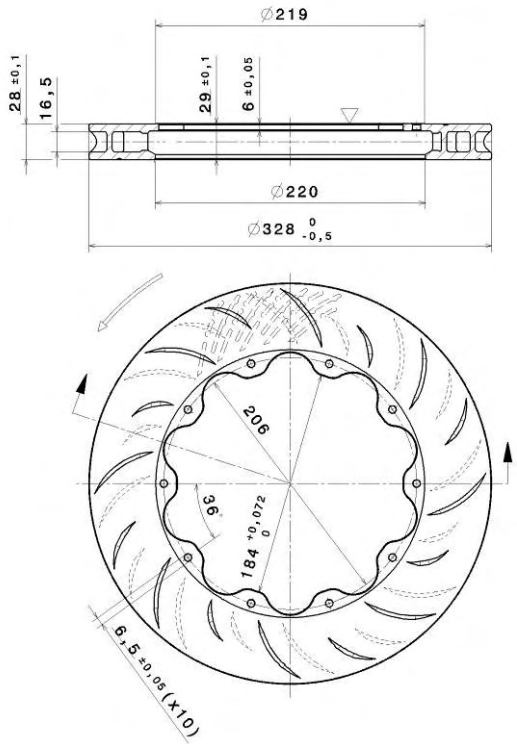
Diameter [mm]	328
Thickness [mm]	28
Annulus [mm]	54
Air Gap [mm]	16.5
Weight [Kg]	5.3
Ventilation	48 vanes
Offset [mm]	15
Number of Fixings	10
Mounting Hole Center [mm]	206
Inside Diameter [mm]	220
Flange Inside Diameter [mm]	184
Flange Thickness [mm]	6



P/N 09.9228.18/28

TECHNICAL SPECIFICATION

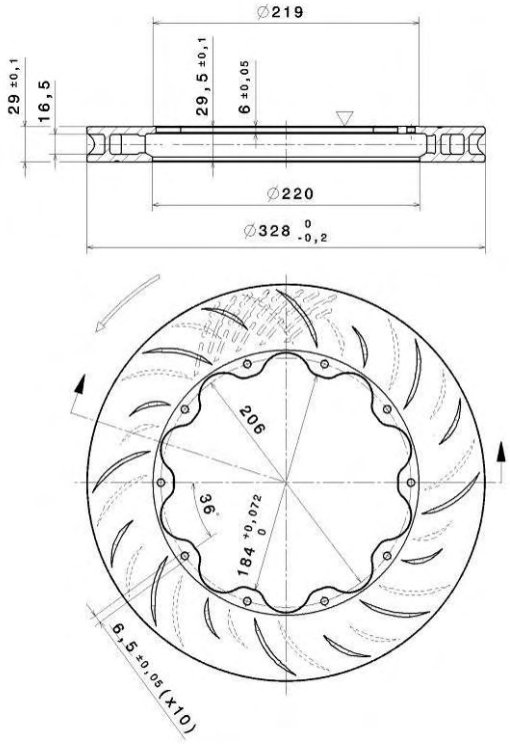
Diameter [mm]	328
Thickness [mm]	28
Annulus [mm]	54
Air Gap [mm]	16.5
Weight [Kg]	
Ventilation	72 vanes
Offset [mm]	15
Number of Fixings	10
Mounting Hole Center [mm]	206
Inside Diameter [mm]	220
Flange Inside Diameter [mm]	184
Flange Thickness [mm]	6



P/N 09.9228.16/26

TECHNICAL SPECIFICATION

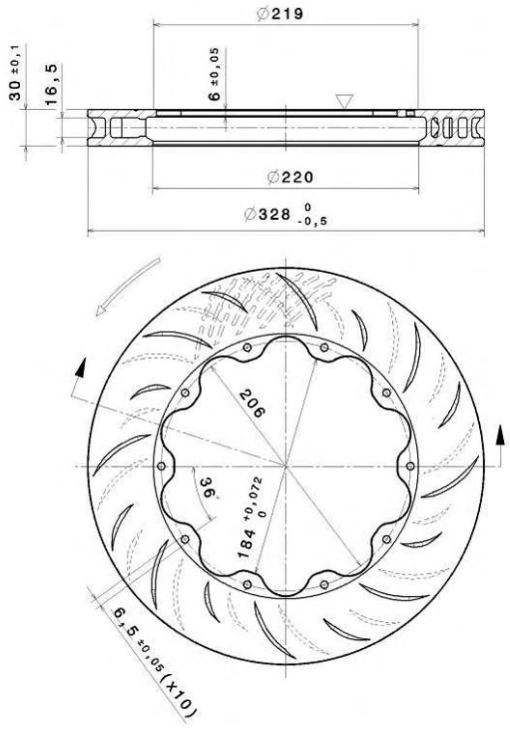
Diameter [mm]	328
Thickness [mm]	29
Annulus [mm]	54
Air Gap [mm]	16.5
Weight [Kg]	
Ventilation	72 vanes
Offset [mm]	15
Number of Fixings	10
Mounting Hole Center [mm]	206
Inside Diameter [mm]	220
Flange Inside Diameter [mm]	184
Flange Thickness [mm]	6



P/N 09.9228.17/27

TECHNICAL SPECIFICATION

Diameter [mm]	328
Thickness [mm]	30
Annulus [mm]	54
Air Gap [mm]	16.5
Weight [Kg]	
Ventilation	72 vanes
Offset [mm]	15
Number of Fixings	10
Mounting Hole Center [mm]	206
Inside Diameter [mm]	220
Flange Inside Diameter [mm]	184
Flange Thickness [mm]	6



P/N 09.5682.54/64

TECHNICAL SPECIFICATION

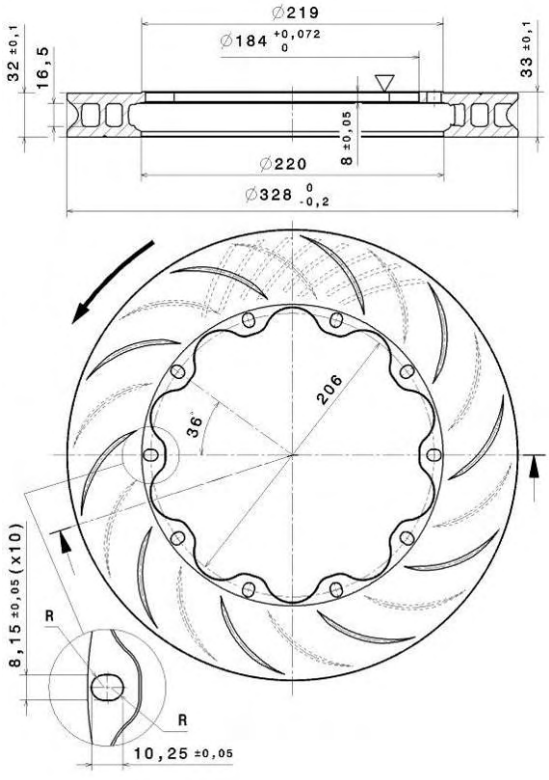
Diameter [mm]	328
Thickness [mm]	30
Annulus [mm]	54
Air Gap [mm]	16,5
Weight [Kg]	6,18
Ventilation	48 vanes
Offset [mm]	18
Number of Fixings	10
Mounting Hole Center [mm]	206
Inside Diameter [mm]	220
Flange Inside Diameter [mm]	184
Flange Thickness [mm]	8

DRAWING NOT AVAILABLE

P/N 09.9226.39/49

TECHNICAL SPECIFICATION

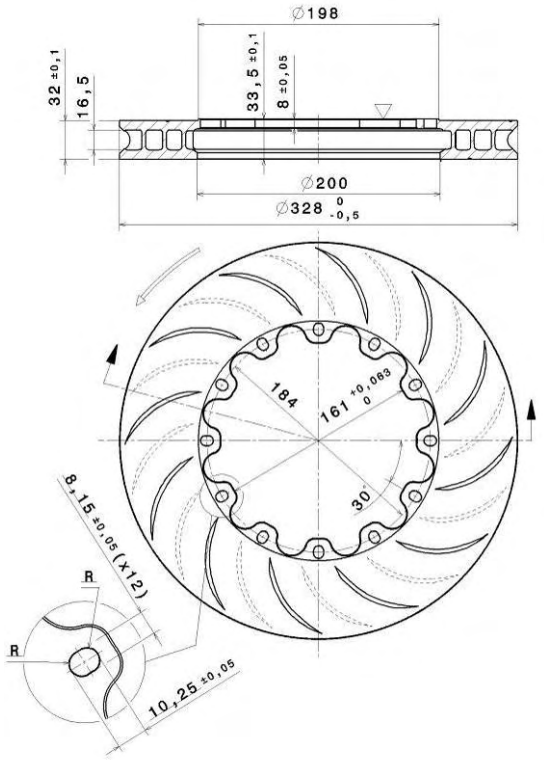
Diameter [mm]	328
Thickness [mm]	32
Annulus [mm]	54
Air Gap [mm]	16.5
Weight [Kg]	
Ventilation	48 vanes
Offset [mm]	17
Number of Fixings	10
Mounting Hole Center [mm]	206
Inside Diameter [mm]	220
Flange Inside Diameter [mm]	184
Flange Thickness [mm]	8



P/N 09.9227.12/22

TECHNICAL SPECIFICATION

Diameter [mm]	328
Thickness [mm]	32
Annulus [mm]	64
Air Gap [mm]	16.5
Weight [Kg]	
Ventilation	48 vanes
Offset [mm]	17.5
Number of Fixings	12
Mounting Hole Center [mm]	184
Inside Diameter [mm]	200
Flange Inside Diameter [mm]	161
Flange Thickness [mm]	8



P/N 09.5682.53/63

TECHNICAL SPECIFICATION

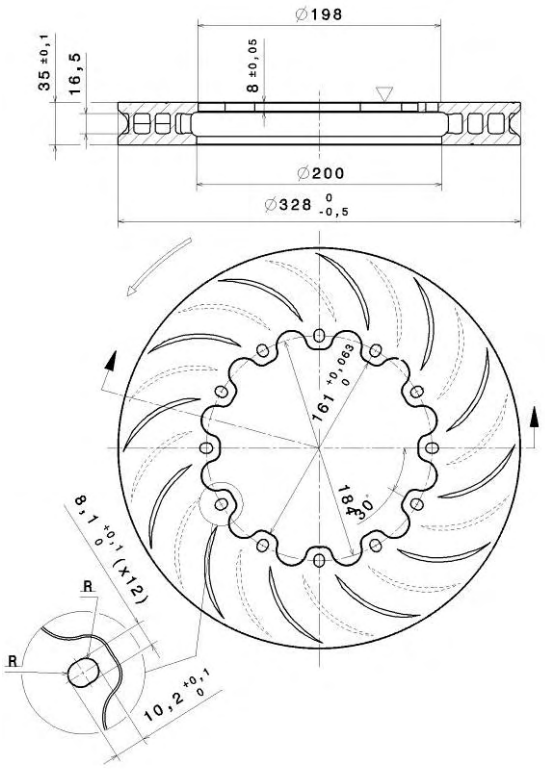
Diameter [mm]	328
Thickness [mm]	32
Annulus [mm]	54
Air Gap [mm]	16,5
Weight [Kg]	6,5
Ventilation	48 vanes
Offset [mm]	17
Number of Fixings	10
Mounting Hole Center [mm]	206
Inside Diameter [mm]	220
Flange Inside Diameter [mm]	184
Flange Thickness [mm]	8

DRAWING NOT AVAILABLE

P/N 09.9227.10/20

TECHNICAL SPECIFICATION

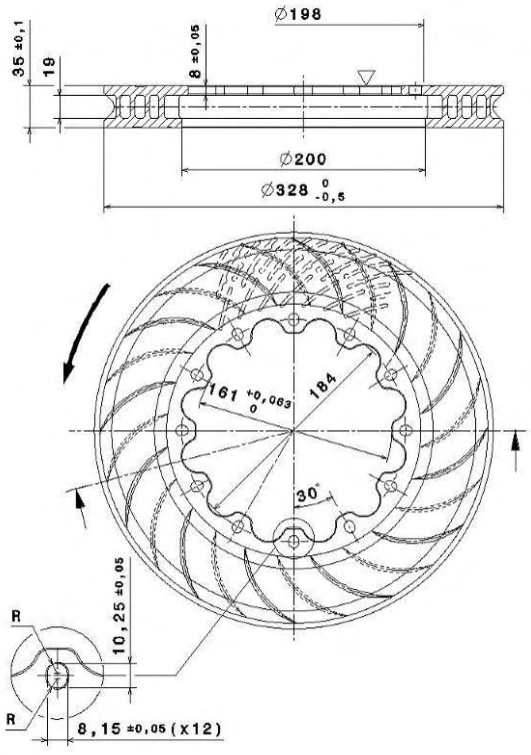
Diameter [mm]	328
Thickness [mm]	35
Annulus [mm]	64
Air Gap [mm]	16.5
Weight [Kg]	
Ventilation	48 vanes
Offset [mm]	17.5
Number of Fixings	12
Mounting Hole Center [mm]	184
Inside Diameter [mm]	200
Flange Inside Diameter [mm]	161
Flange Thickness [mm]	8



P/N 09.9229.10/20

TECHNICAL SPECIFICATION

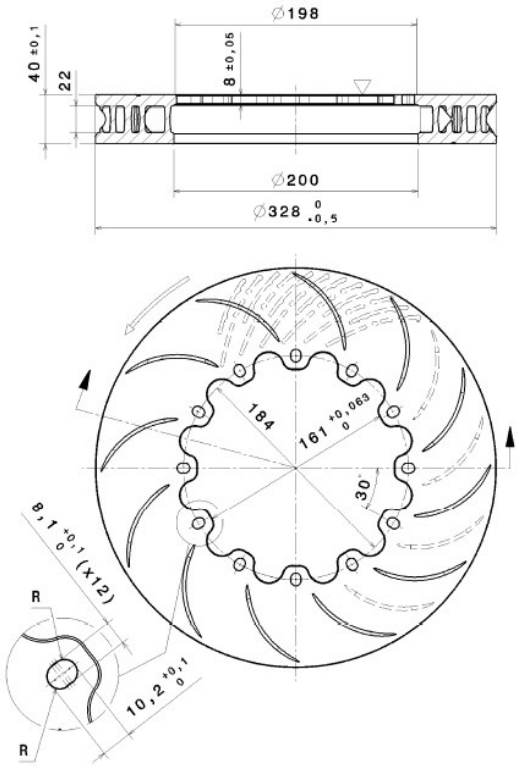
Diameter [mm]	328
Thickness [mm]	35
Annulus [mm]	64
Air Gap [mm]	19
Weight [Kg]	8.3
Ventilation	72 vanes
Offset [mm]	17.5
Number of Fixings	12
Mounting Hole Center [mm]	184
Inside Diameter [mm]	200
Flange Inside Diameter [mm]	161
Flange Thickness [mm]	8



P/N 09.A003.10/20

TECHNICAL SPECIFICATION

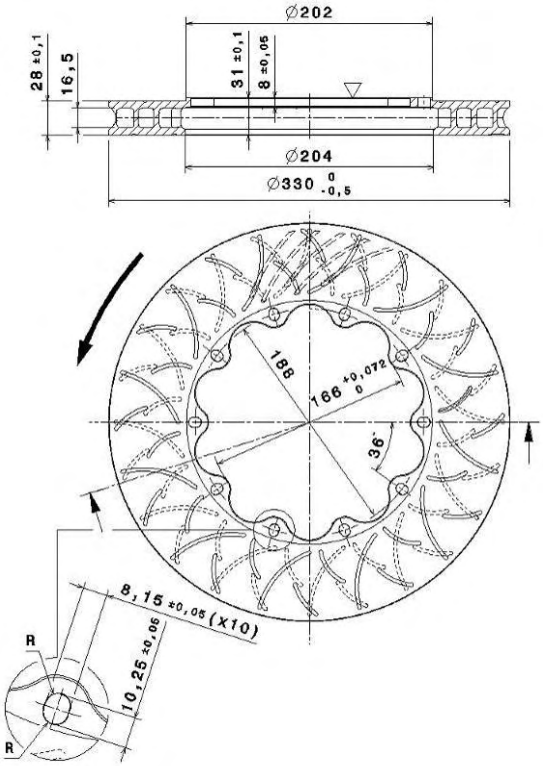
Diameter [mm]	328
Thickness [mm]	40
Annulus [mm]	64
Air Gap [mm]	22
Weight [Kg]	9.6
Ventilation	72 vanes
Offset [mm]	20
Number of Fixings	12
Mounting Hole Center [mm]	184
Inside Diameter [mm]	200
Flange Inside Diameter [mm]	161
Flange Thickness [mm]	8



P/N 09.8667.50/60

TECHNICAL SPECIFICATION

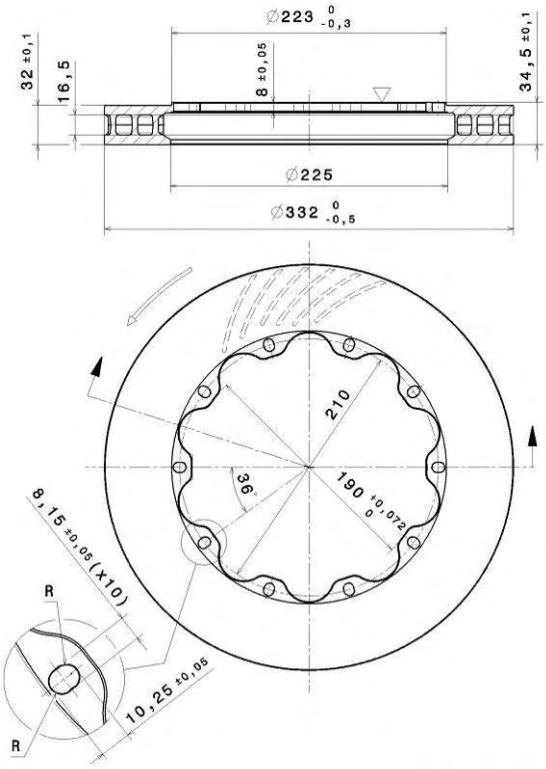
Diameter [mm]	330
Thickness [mm]	28
Annulus [mm]	63
Air Gap [mm]	16.5
Weight [Kg]	7.5
Ventilation	48 vanes
Offset [mm]	17
Number of Fixings	10
Mounting Hole Center [mm]	188
Inside Diameter [mm]	204
Flange Inside Diameter [mm]	166
Flange Thickness [mm]	8



P/N 09.8666.53/63

TECHNICAL SPECIFICATION

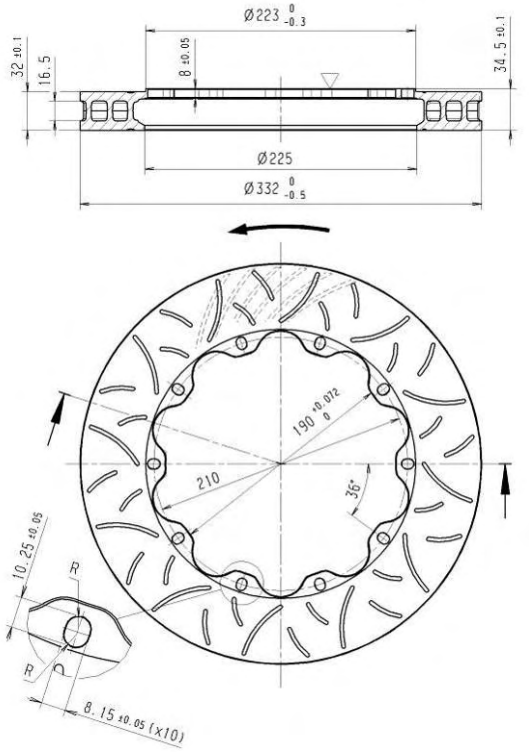
Diameter [mm]	332
Thickness [mm]	32
Annulus [mm]	53.5
Air Gap [mm]	16.5
Weight [Kg]	6.9
Ventilation	48 vanes
Offset [mm]	18.5
Number of Fixings	10
Mounting Hole Center [mm]	210
Inside Diameter [mm]	225
Flange Inside Diameter [mm]	190
Flange Thickness [mm]	8



P/N 09.8666.70/80

TECHNICAL SPECIFICATION

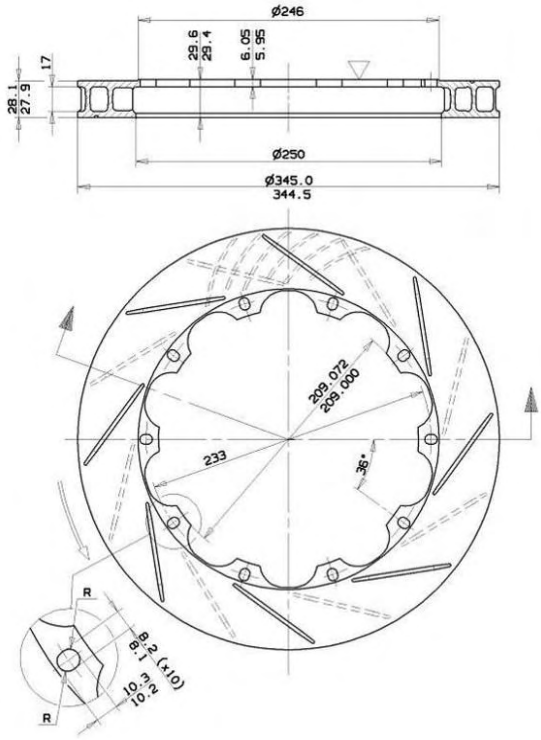
Diameter [mm]	332
Thickness [mm]	32
Annulus [mm]	53.5
Air Gap [mm]	16.5
Weight [Kg]	6.5
Ventilation	48 vanes
Offset [mm]	18.5
Number of Fixings	10
Mounting Hole Center [mm]	210
Inside Diameter [mm]	225
Flange Inside Diameter [mm]	190
Flange Thickness [mm]	8



P/N 09.5759.36/46

TECHNICAL SPECIFICATION

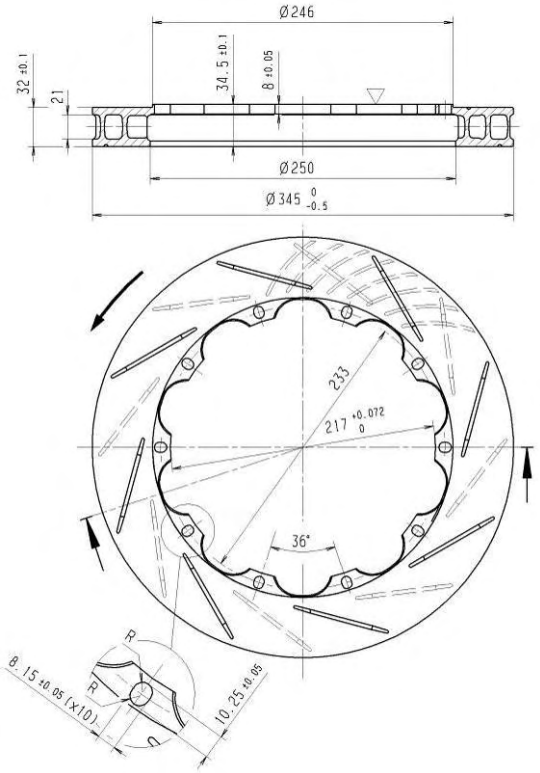
Diameter [mm]	345
Thickness [mm]	28
Annulus [mm]	47.5
Air Gap [mm]	17
Weight [Kg]	
Ventilation	48 vanes
Offset [mm]	15.5
Number of Fixings	10
Mounting Hole Center [mm]	233
Inside Diameter [mm]	250
Flange Inside Diameter [mm]	209
Flange Thickness [mm]	6



P/N 09.5683.50/60

TECHNICAL SPECIFICATION

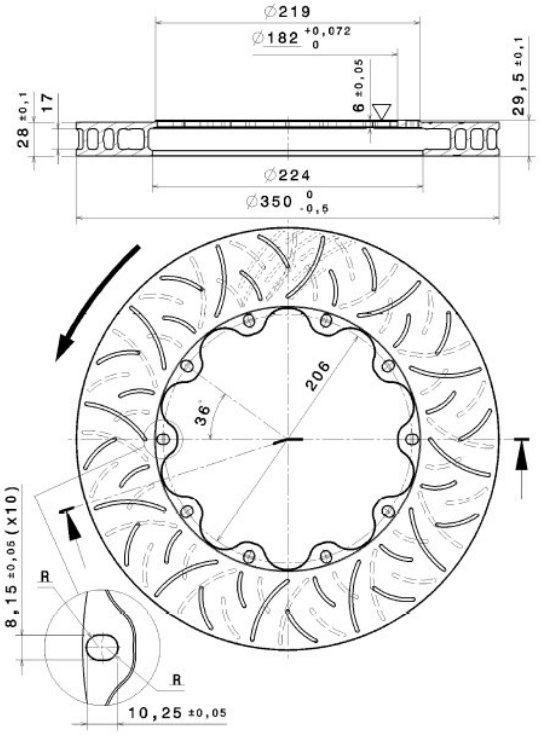
Diameter [mm]	345
Thickness [mm]	32
Annulus [mm]	47.5
Air Gap [mm]	20
Weight [Kg]	5.7
Ventilation	48 vanes
Offset [mm]	18.5
Number of Fixings	10
Mounting Hole Center [mm]	233
Inside Diameter [mm]	250
Flange Inside Diameter [mm]	217
Flange Thickness [mm]	8



P/N 09.9306.12/22

TECHNICAL SPECIFICATION

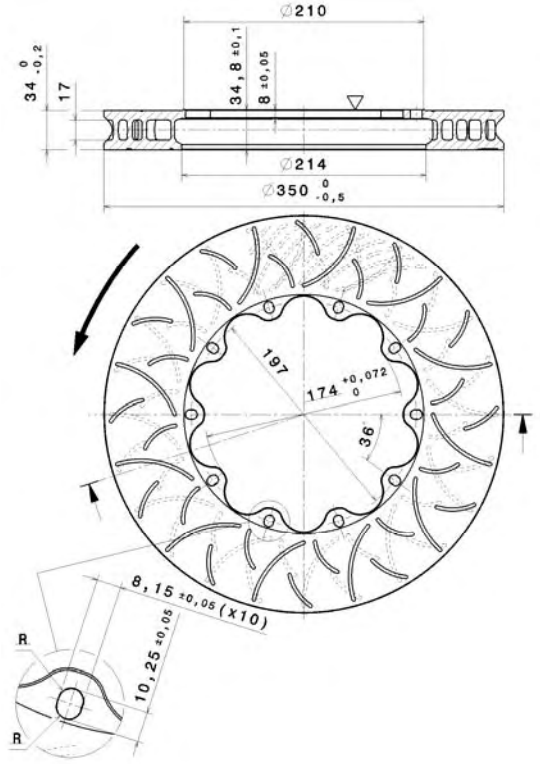
Diameter [mm]	350
Thickness [mm]	28
Annulus [mm]	63
Air Gap [mm]	17
Weight [Kg]	6.56
Ventilation	72 vanes
Offset [mm]	15.5
Number of Fixings	10
Mounting Hole Center [mm]	207
Inside Diameter [mm]	224
Flange Inside Diameter [mm]	183.5
Flange Thickness [mm]	6



P/N 09.9306.10/20

TECHNICAL SPECIFICATION

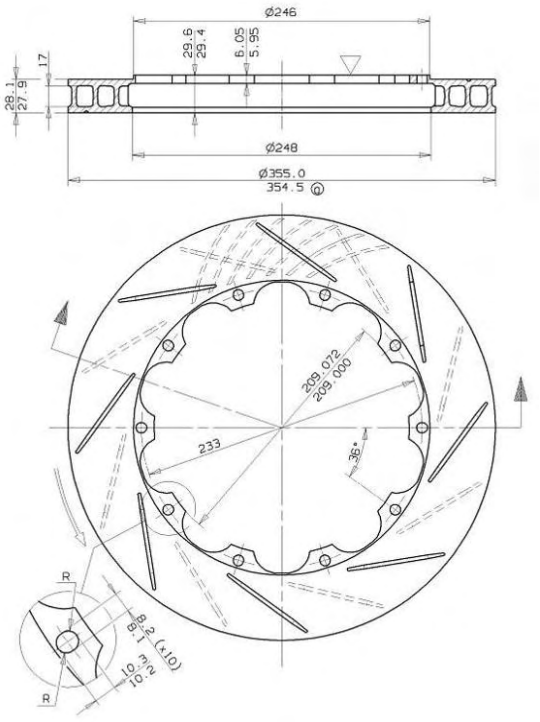
Diameter [mm]	350
Thickness [mm]	34
Annulus [mm]	68
Air Gap [mm]	17
Weight [Kg]	9.3
Ventilation	72 vanes
Offset [mm]	17.9
Number of Fixings	10
Mounting Hole Center [mm]	197
Inside Diameter [mm]	214
Flange Inside Diameter [mm]	174
Flange Thickness [mm]	8



P/N 09.5759.17/27

TECHNICAL SPECIFICATION

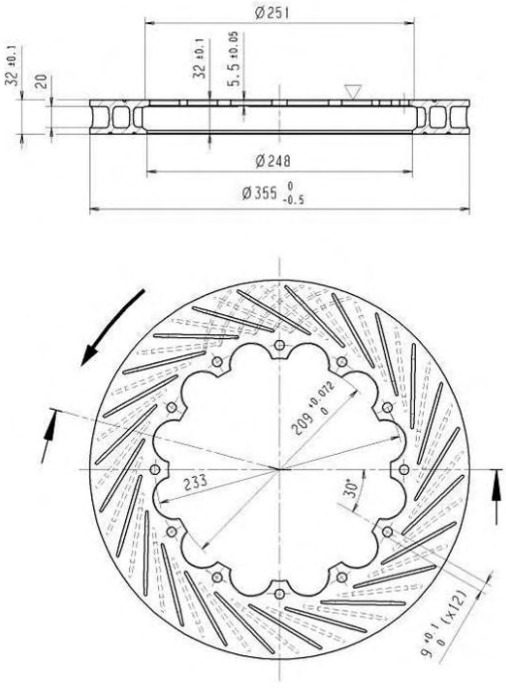
Diameter [mm]	355
Thickness [mm]	28
Annulus [mm]	53.5
Air Gap [mm]	17
Weight [Kg]	5.5
Ventilation	48 vanes
Offset [mm]	15.5
Number of Fixings	10
Mounting Hole Center [mm]	233
Inside Diameter [mm]	248
Flange Inside Diameter [mm]	209
Flange Thickness [mm]	6



P/N 09.5883.10/20

TECHNICAL SPECIFICATION

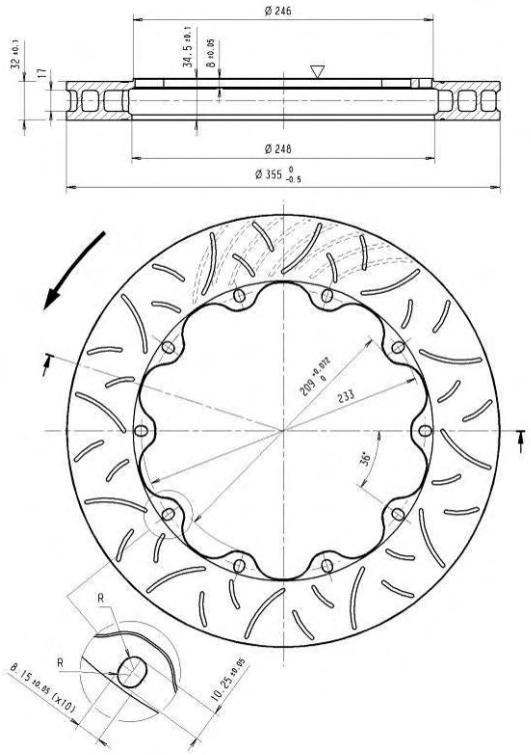
Diameter [mm]	355
Thickness [mm]	32
Annulus [mm]	53.5
Air Gap [mm]	20
Weight [Kg]	6.2
Ventilation	48 vanes
Offset [mm]	16
Number of Fixings	12
Mounting Hole Center [mm]	233
Inside Diameter [mm]	248
Flange Inside Diameter [mm]	209
Flange Thickness [mm]	5.5



P/N 09.8673.13/23

TECHNICAL SPECIFICATION

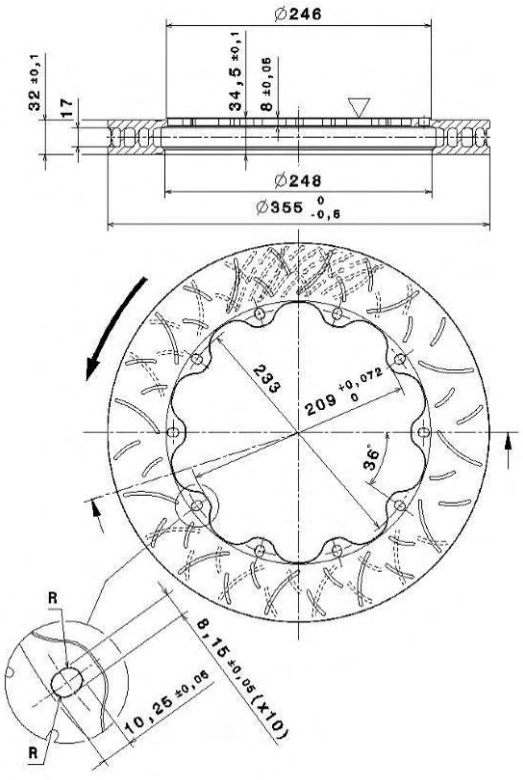
Diameter [mm]	355
Thickness [mm]	32
Annulus [mm]	53.5
Air Gap [mm]	17
Weight [Kg]	7
Ventilation	48 vanes
Offset [mm]	18.5
Number of Fixings	10
Mounting Hole Center [mm]	233
Inside Diameter [mm]	248
Flange Inside Diameter [mm]	209
Flange Thickness [mm]	8



P/N 09.9306.11/21

TECHNICAL SPECIFICATION

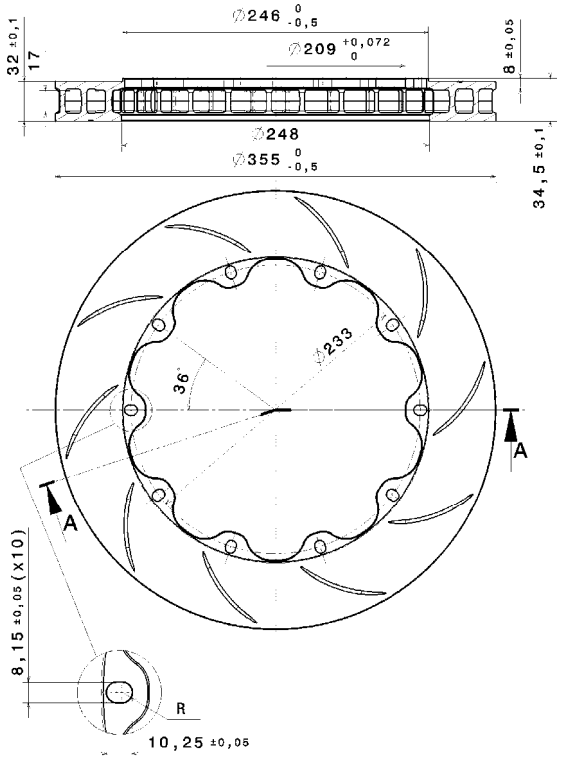
Diameter [mm]	355
Thickness [mm]	32
Annulus [mm]	53.5
Air Gap [mm]	17
Weight [Kg]	7.4
Ventilation	72 vanes
Offset [mm]	18.5
Number of Fixings	10
Mounting Hole Center [mm]	233
Inside Diameter [mm]	248
Flange Inside Diameter [mm]	209
Flange Thickness [mm]	8



P/N 09.A026.13/23

TECHNICAL SPECIFICATION

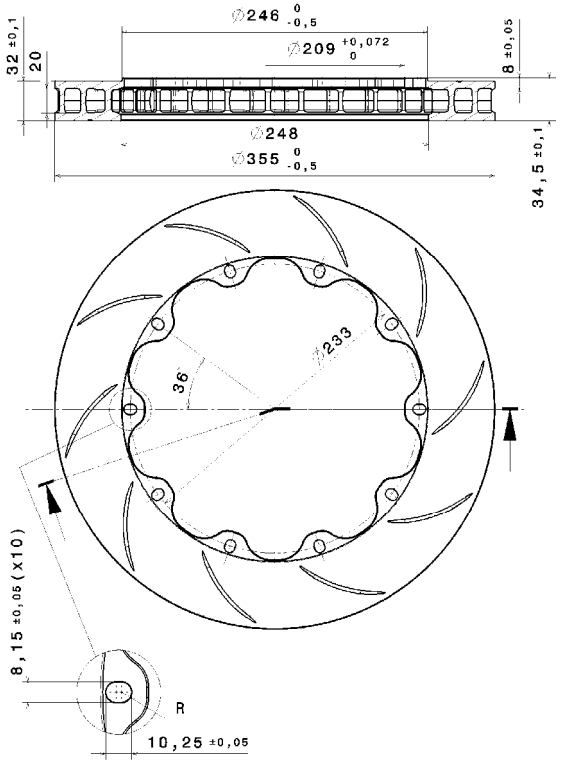
Diameter [mm]	355
Thickness [mm]	32
Annulus [mm]	53.5
Air Gap [mm]	17
Weight [Kg]	
Ventilation	48 vanes
Offset [mm]	18.5
Number of Fixings	10
Mounting Hole Center [mm]	233
Inside Diameter [mm]	248
Flange Inside Diameter [mm]	209
Flange Thickness [mm]	8



P/N 09.A027.13/23

TECHNICAL SPECIFICATION

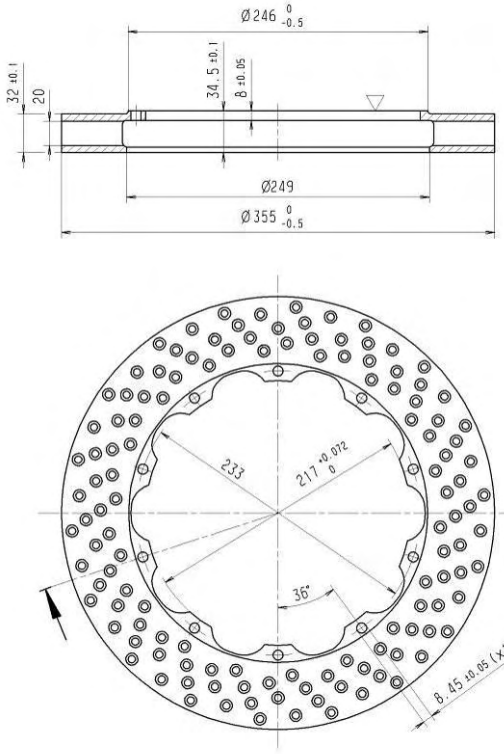
Diameter [mm]	355
Thickness [mm]	32
Annulus [mm]	53.5
Air Gap [mm]	20
Weight [Kg]	
Ventilation	48 vanes
Offset [mm]	18.5
Number of Fixings	10
Mounting Hole Center [mm]	233
Inside Diameter [mm]	248
Flange Inside Diameter [mm]	209
Flange Thickness [mm]	8



P/N X7.049.19

TECHNICAL SPECIFICATION

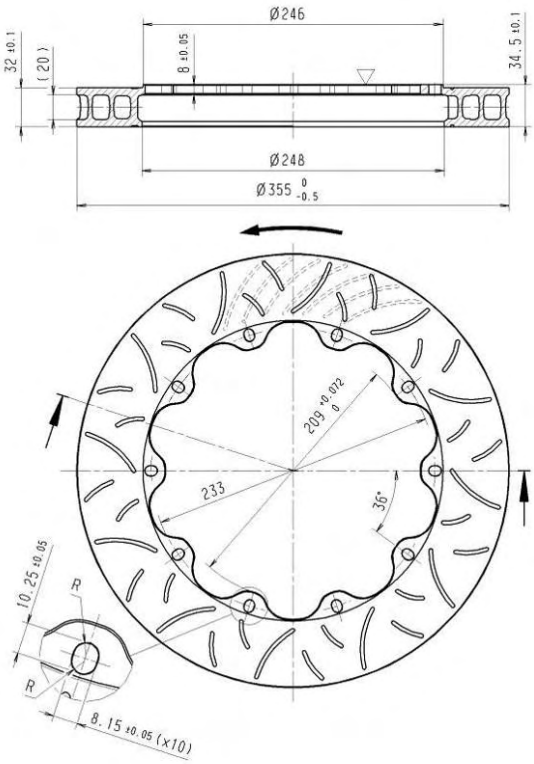
Diameter [mm]	355
Thickness [mm]	32
Annulus [mm]	53.5
Air Gap [mm]	20
Weight [Kg]	6.2
Ventilation	pioli
Offset [mm]	18.5
Number of Fixings	10
Mounting Hole Center [mm]	233
Inside Diameter [mm]	248
Flange Inside Diameter [mm]	217
Flange Thickness [mm]	8



P/N XA2.91.34/35

TECHNICAL SPECIFICATION

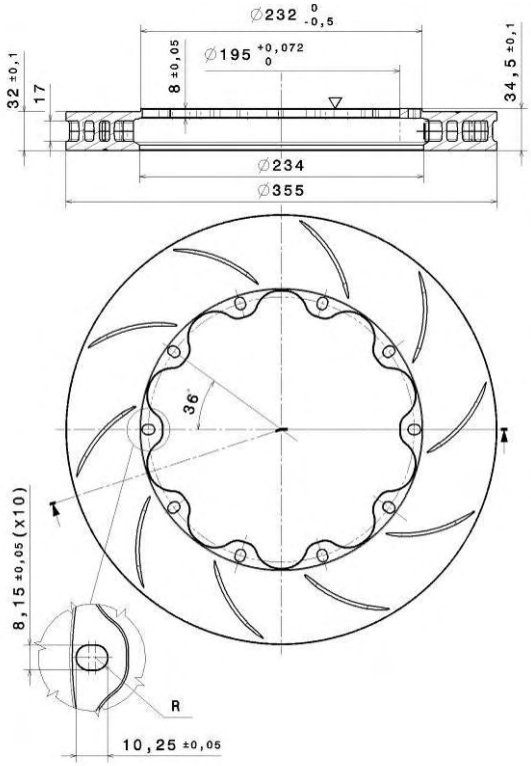
Diameter [mm]	355
Thickness [mm]	32
Annulus [mm]	53.5
Air Gap [mm]	20
Weight [Kg]	6.3
Ventilation	48 vanes
Offset [mm]	18.5
Number of Fixings	10
Mounting Hole Center [mm]	233
Inside Diameter [mm]	248
Flange Inside Diameter [mm]	209
Flange Thickness [mm]	8



P/N 09.9404.12/22

TECHNICAL SPECIFICATION

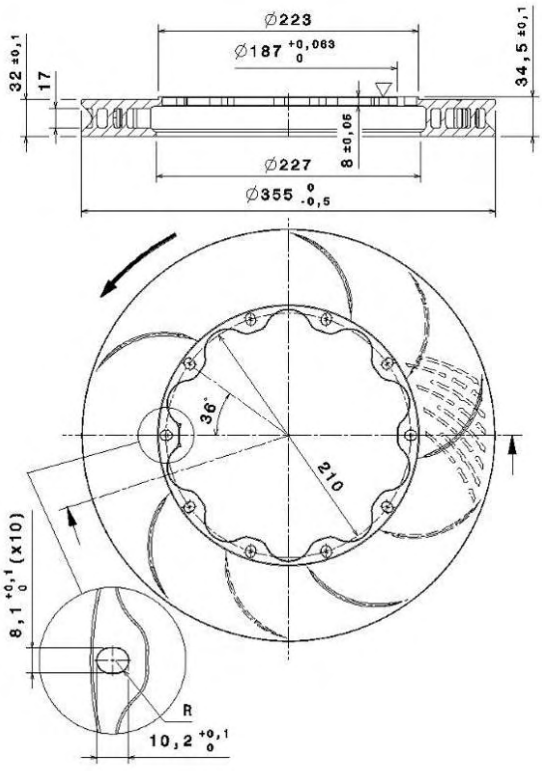
Diameter [mm]	355
Thickness [mm]	32
Annulus [mm]	60.5
Air Gap [mm]	17
Weight [Kg]	8.14
Ventilation	72 vanes
Offset [mm]	18.5
Number of Fixings	10
Mounting Hole Center [mm]	219
Inside Diameter [mm]	234
Flange Inside Diameter [mm]	196
Flange Thickness [mm]	8



P/N 09.9306.30/40

TECHNICAL SPECIFICATION

Diameter [mm]	355
Thickness [mm]	32
Annulus [mm]	64
Air Gap [mm]	17
Weight [Kg]	8.35
Ventilation	72 vanes
Offset [mm]	18.5
Number of Fixings	10
Mounting Hole Center [mm]	210
Inside Diameter [mm]	227
Flange Inside Diameter [mm]	187
Flange Thickness [mm]	8



P/N 09.9306.50/60

TECHNICAL SPECIFICATION

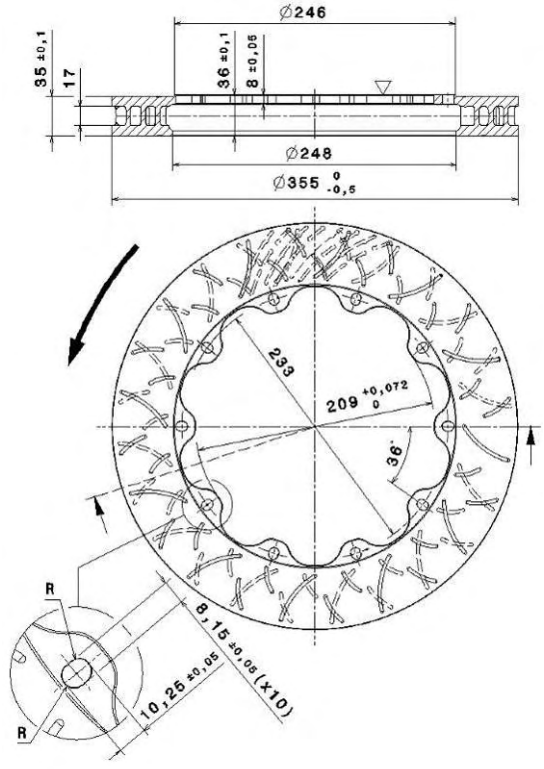
Diameter [mm]	355
Thickness [mm]	32
Annulus [mm]	64
Air Gap [mm]	17
Weight [Kg]	8.4
Ventilation	72 vanes
Offset [mm]	18.5
Number of Fixings	10
Mounting Hole Center [mm]	210
Inside Diameter [mm]	227
Flange Inside Diameter [mm]	187
Flange Thickness [mm]	8

DRAWING NOT AVAILABLE

P/N 09.9306.14/24

TECHNICAL SPECIFICATION

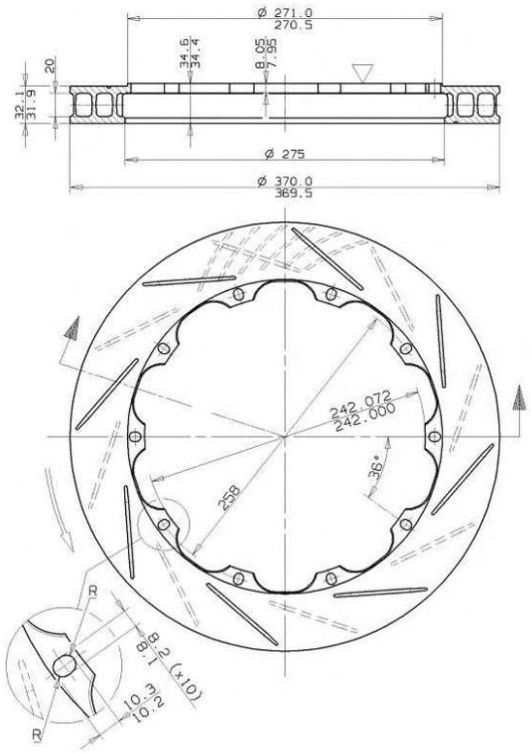
Diameter [mm]	355
Thickness [mm]	35
Annulus [mm]	53.5
Air Gap [mm]	17
Weight [Kg]	8.6
Ventilation	72 vanes
Offset [mm]	18.5
Number of Fixings	10
Mounting Hole Center [mm]	233
Inside Diameter [mm]	248
Flange Inside Diameter [mm]	209
Flange Thickness [mm]	8



P/N 09.5683.76/86

TECHNICAL SPECIFICATION

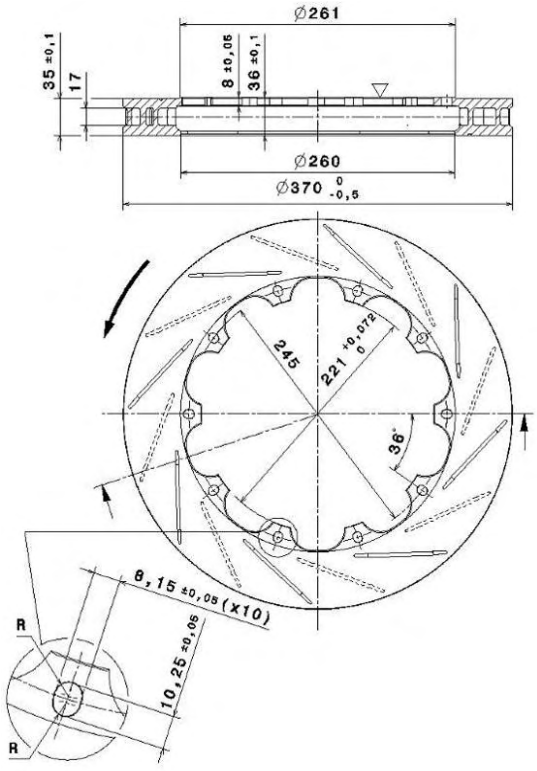
Diameter [mm]	370
Thickness [mm]	32
Annulus [mm]	47.5
Air Gap [mm]	20
Weight [Kg]	5.7
Ventilation	48 vanes
Offset [mm]	18.5
Number of Fixings	10
Mounting Hole Center [mm]	258
Inside Diameter [mm]	275
Flange Inside Diameter [mm]	242
Flange Thickness [mm]	8



P/N 09.8528.55/65

TECHNICAL SPECIFICATION

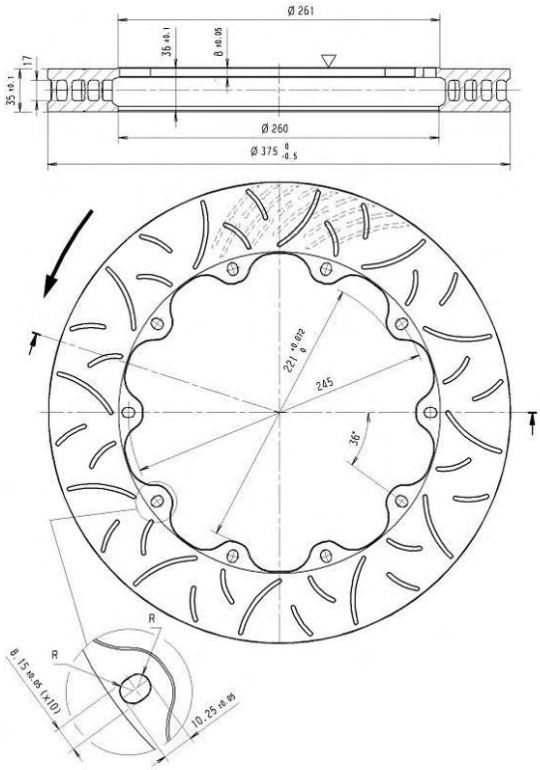
Diameter [mm]	370
Thickness [mm]	35
Annulus [mm]	55
Air Gap [mm]	17
Weight [Kg]	8.8
Ventilation	72 vanes
Offset [mm]	18.5
Number of Fixings	10
Mounting Hole Center [mm]	245
Inside Diameter [mm]	260
Flange Inside Diameter [mm]	221
Flange Thickness [mm]	8



P/N 09.8528.51/61

TECHNICAL SPECIFICATION

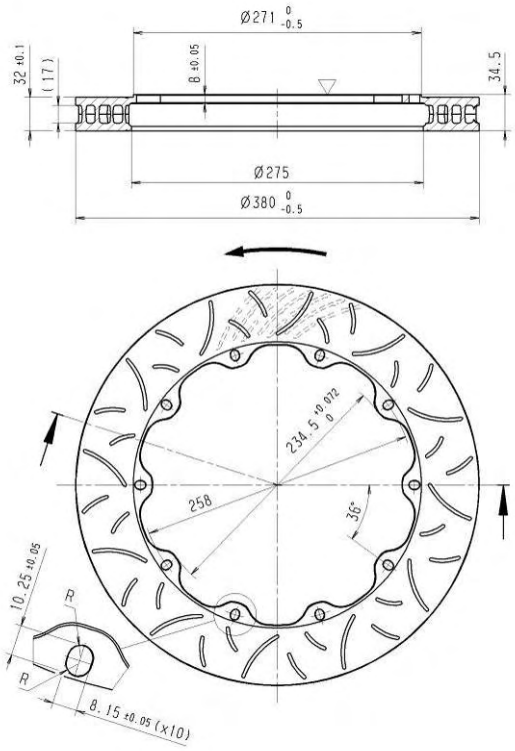
Diameter [mm]	375
Thickness [mm]	35
Annulus [mm]	57.5
Air Gap [mm]	17
Weight [Kg]	9.2
Ventilation	72 vanes
Offset [mm]	18.5
Number of Fixings	10
Mounting Hole Center [mm]	245
Inside Diameter [mm]	260
Flange Inside Diameter [mm]	221
Flange Thickness [mm]	8



P/N 09.8528.74/84

TECHNICAL SPECIFICATION

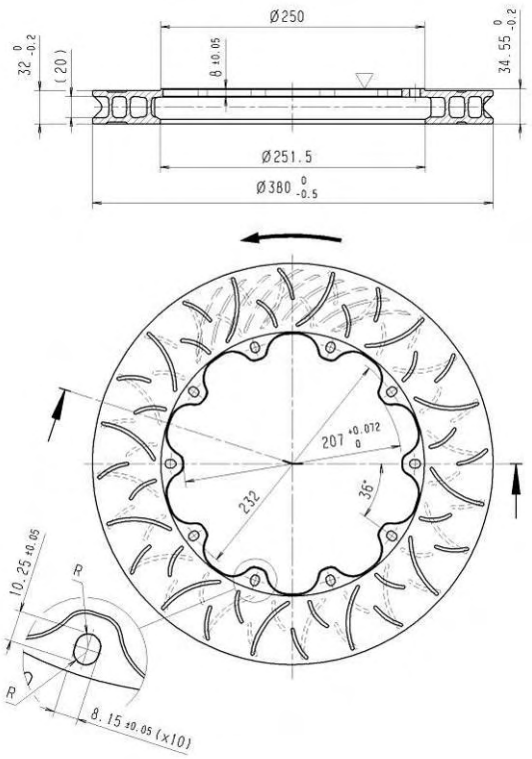
Diameter [mm]	380
Thickness [mm]	32
Annulus [mm]	52.5
Air Gap [mm]	17
Weight [Kg]	7.9
Ventilation	72 vanes
Offset [mm]	17.2
Number of Fixings	10
Mounting Hole Center [mm]	258
Inside Diameter [mm]	275
Flange Inside Diameter [mm]	234.5
Flange Thickness [mm]	8



P/N XA2.91.32/33

TECHNICAL SPECIFICATION

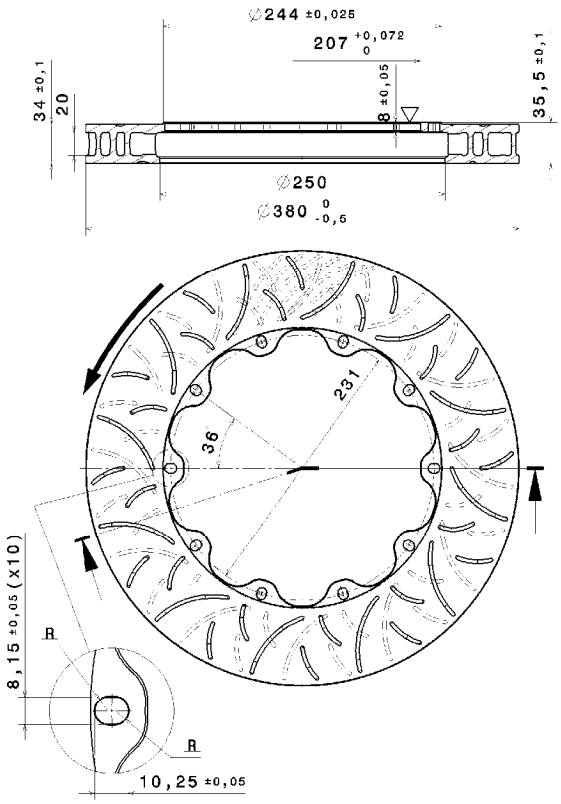
Diameter [mm]	380
Thickness [mm]	32
Annulus [mm]	64.25
Air Gap [mm]	20
Weight [Kg]	7.7
Ventilation	48 vanes
Offset [mm]	17.5
Number of Fixings	10
Mounting Hole Center [mm]	232
Inside Diameter [mm]	251.5
Flange Inside Diameter [mm]	207
Flange Thickness [mm]	8



P/N 09.A009.12/22

TECHNICAL SPECIFICATION

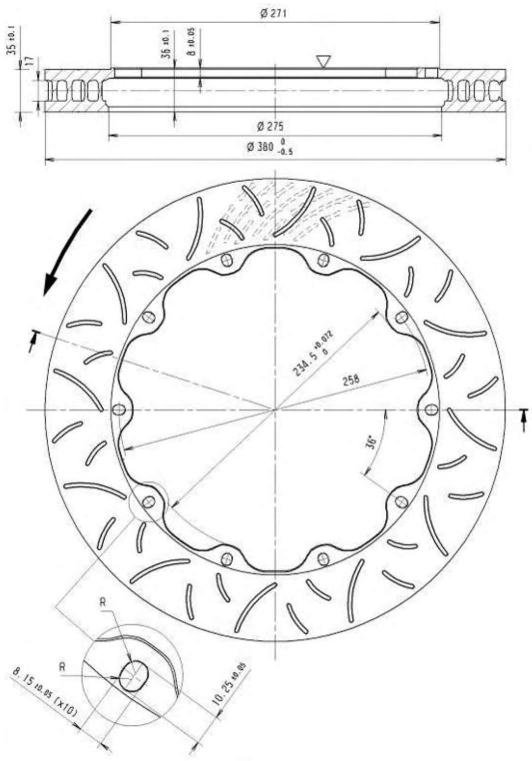
Diameter [mm]	380
Thickness [mm]	34
Annulus [mm]	65
Air Gap [mm]	20
Weight [Kg]	9.46
Ventilation	72 vanes
Offset [mm]	18.5
Number of Fixings	10
Mounting Hole Center [mm]	230
Inside Diameter [mm]	250
Flange Inside Diameter [mm]	206.5
Flange Thickness [mm]	8



P/N 09.8528.78/88

TECHNICAL SPECIFICATION

Diameter [mm]	380
Thickness [mm]	35
Annulus [mm]	52.5
Air Gap [mm]	17
Weight [Kg]	9
Ventilation	72 vanes
Offset [mm]	18.5
Number of Fixings	10
Mounting Hole Center [mm]	258
Inside Diameter [mm]	275
Flange Inside Diameter [mm]	234.5
Flange Thickness [mm]	8



DISC ASSEMBLIES

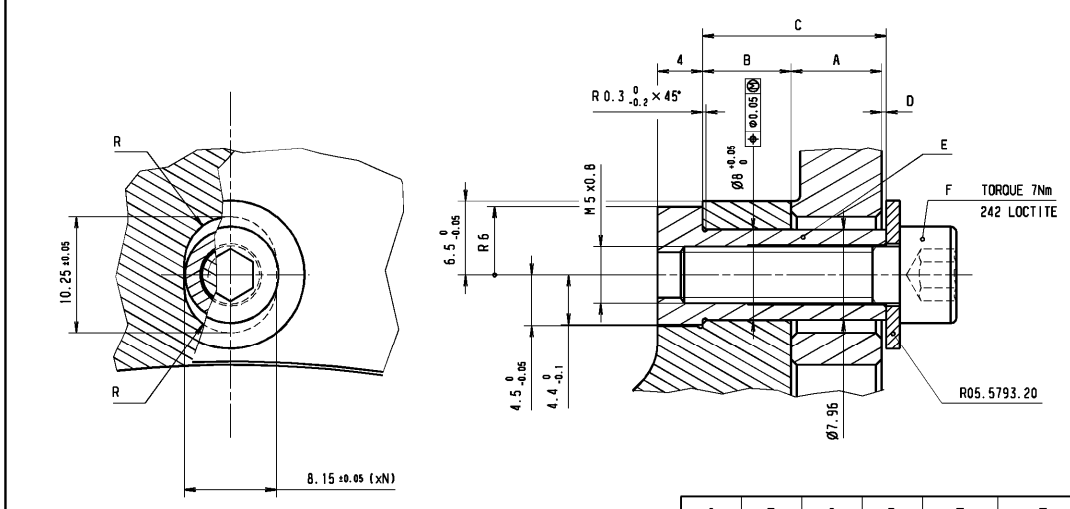
FRONT ASSEMBLY

REAR ASSEMBLY

Car	Front (left/right)	Rear (left/right)	Description
Ferrari 360 Modena Ferrari 430 GT2 Ferrari F430 Challenge GT3	XA2.87.31/32		380x35mm (72vanes)
	XA2.87.33/34		380x32mm (72vanes)
		XA2.87.41/42	332x32mm (48vanes)
Porsche 996 RSR	XA0.74.71/72		380x35mm (72vanes)
	XA0.74.73/74		380x32mm (72vanes)
		XA0.74.81/82	355x32mm (48vanes)
Porsche 996 CUP	XA4.F2.11/12		350x34mm (72vanes)
		XA4.F2.21/22	330x28mm (48vanes)
Porsche 997 CUP	XA5.R7.11/12		380x34mm (72vanes)
		XA5.R7.21/22	350x28mm (72vanes)
Porsche 997 RSR	XA6.C9.11/12		380x32mm (72vanes)
	XA6.C9.13/14		380x35mm (72vanes)
		XA6.C9.21/22	355x32mm (72vanes)
Porsche 997 CUP/GRAND-AM	XA6.H7.21/22		380x32mm (72vanes)
		XA6.H7.31/32	355x32mm (72vanes)
F3 2008	XA6.S1.15/25		278x18mm (48vanes)
		XA6.S1.15/25	278x18mm (48vanes)
Mitsubishi Evo IX Gr.N	XA5.S5.31/32(Tarmac)		355x32mm (72 vanes)
	XA5.S5.51/52(Gravel)		300x30mm (48 vanes)
		XA5.S5.23/24	295x25,4mm (48vanes)
Mitsubishi Evo X Gr.N	XA7.G0.31/32(Tarmac)		355x32 (72 vanes)
	XA7.G0.21/22(Gravel)		300x32mm (48 vanes)
		XA7.G0.23/24	295x25,4mm (48 vanes)

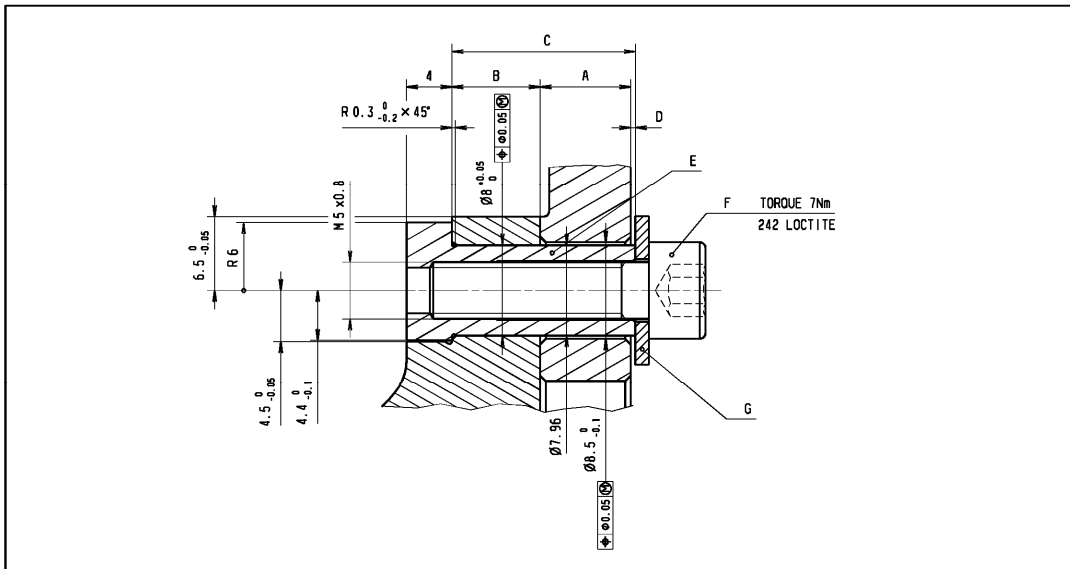
CAST IRON DISC FIXINGS

OVAL HOLES



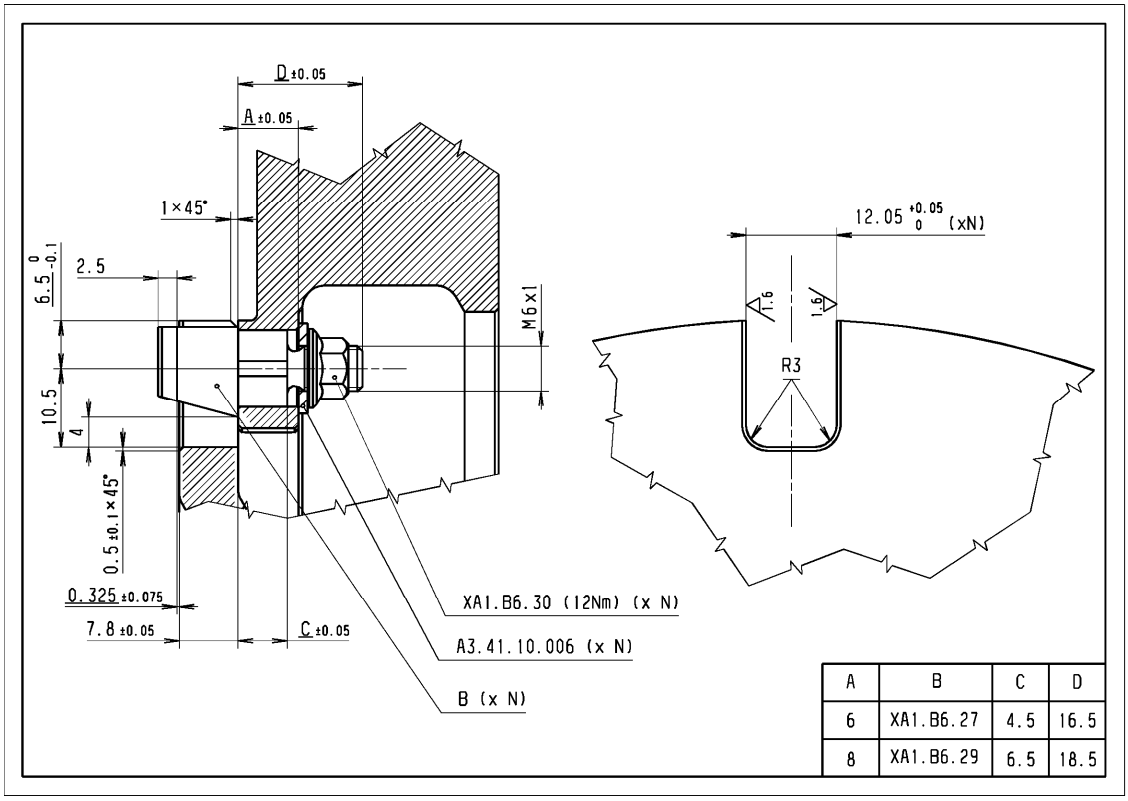
A	B	C	D	E	F
4.55 4.45	5.85 5.75	10.70 10.65	0.50 0.25	X 8.020.09	A1.08.34.103
5.05 4.95	5.55 5.45	10.70 10.65	0.30 0.05	X 8.020.09	A1.14.44.103
6.05 5.95	5.85 5.75	12.20 12.15	0.50 0.25	X 8.020.08	A1.08.34.103
6.05 5.95	9.85 9.75	16.20 16.15	0.50 0.25	X 2.030.26	A1.08.34.105
8.05 7.95	7.85 7.75	16.20 16.15	0.50 0.25	X 2.030.26	A1.08.34.105

ROUND HOLES



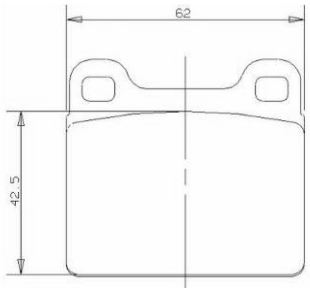
A	B	C	D	E	F	G
3.1 2.9	7.6 7.5	10.70 10.65	0.40 0.05	X 8.020.09	A1.08.34.103	R05.5793.20
4.55 4.45	6.05 5.95	10.70 10.65	0.30 0.05	X 8.020.09	A1.08.34.103	X 9.002.47
6.05 5.95	6.05 5.95	12.20 12.15	0.30 0.05	X 8.020.08	A1.08.34.103	X 9.002.47
8.05 7.95	8.05 7.95	16.20 16.15	0.30 0.05	X 2.030.26	A1.08.34.105	X 9.002.47

HEAVY DUTY



A	B	C	D
6	XA1.B6.27	4.5	16.5
8	XA1.B6.29	6.5	18.5

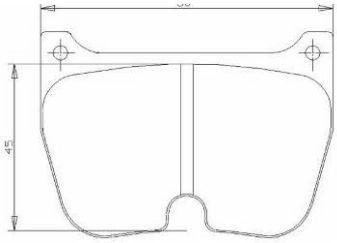
PADS



PAD FAMILY Type"62"

TECHNICAL SPECIFICATION

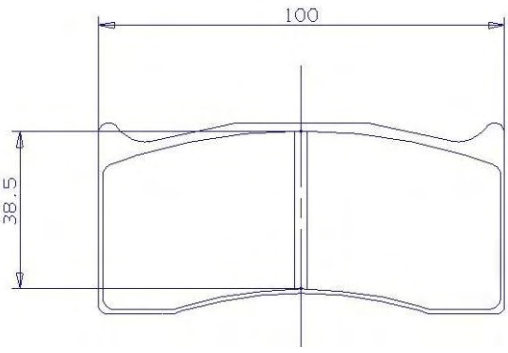
P/N:	07.1715.50	Thickness[mm]:	15	Compound:	Ferodo DS2000	Pad Area [cm^2]:	24.8
P/N:	07.1715.41	Thickness[mm]:	15	Compound:	Pagid RS4/2	Pad Area [cm^2]:	24.8



PAD FAMILY Type"80-H45"

TECHNICAL SPECIFICATION

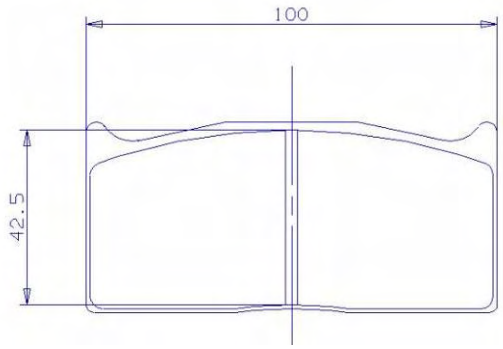
P/N:	07.5684.73	Thickness[mm]:	17.5	Compound:	Ferodo PRO144	Pad Area [cm^2]:	30.7



PAD FAMILY Type"100-H38,5"

TECHNICAL SPECIFICATION

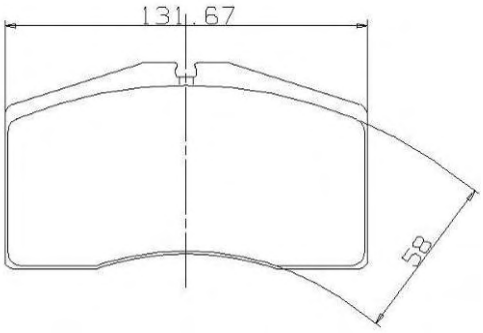
P/N:	07.7881.41	Thickness[mm]:	16	Compound:	Hawk HT12	Pad Area [cm^2]:	35.8



PAD FAMILY Type"100-H42,5"

TECHNICAL SPECIFICATION

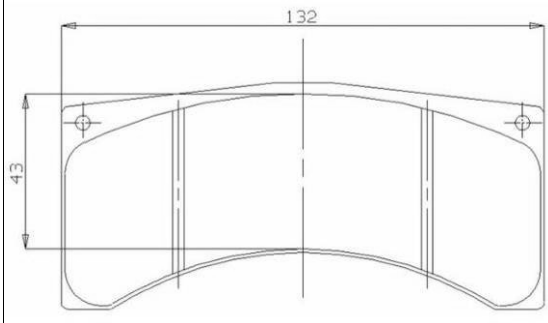
P/N: **07.7881.80** Thickness[mm]: **20** Compound: **Hawk HT14** Pad Area [cm^2]: **38**



PAD FAMILY Type"132A"

TECHNICAL SPECIFICATION

P/N: **07.5308.91** Thickness[mm]: **26.5** Compound: **Ferodo DS3000** Pad Area [cm^2]: **77**

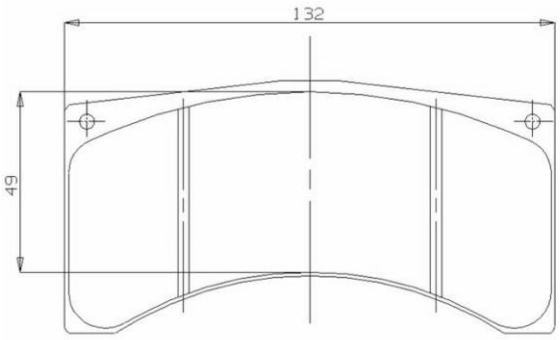


PAD FAMILY Type"132-H43"

TECHNICAL SPECIFICATION

P/N: **07.7869.11** Thickness[mm]: **18** Compound: **Ferodo DS3000PLUS** Pad Area [cm^2]: **55.7**

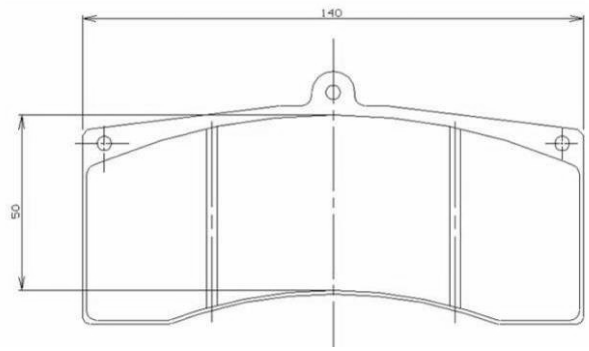
P/N: **07.7869.12** Thickness[mm]: **18** Compound: **Ferodo DS4000** Pad Area [cm^2]: **55.7**



PAD FAMILY Type"132-H49"

TECHNICAL SPECIFICATION

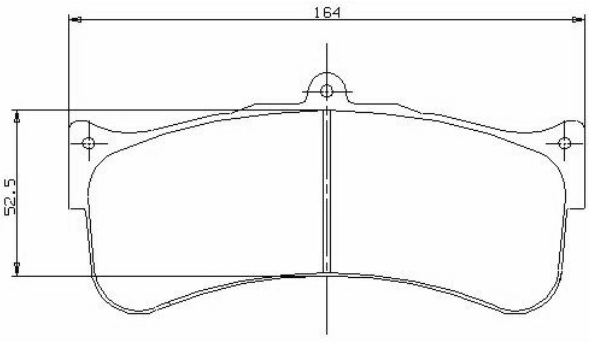
P/N:	07.5139.19	Thickness[mm]:	16	Compound:	Ferodo DS3000	Pad Area [cm^2]:	60.1
P/N:	XA2.F7.09	Thickness[mm]:	16	Compound:	Ferodo PRO144	Pad Area [cm^2]:	58.6
P/N:	07.7869.81	Thickness[mm]:	26.5	Compound:	Ferodo DS1.11	Pad Area [cm^2]:	
P/N:	07.8619.60	Thickness[mm]:	26.5	Compound:	Hawk HT14	Pad Area [cm^2]:	60.1



PAD FAMILY Type"140"

TECHNICAL SPECIFICATION

P/N:	07.5169.91	Thickness[mm]:	21.3	Compound:	Ferodo DS3000	Pad Area [cm^2]:	67



PAD FAMILY **Type"164"**

TECHNICAL SPECIFICATION

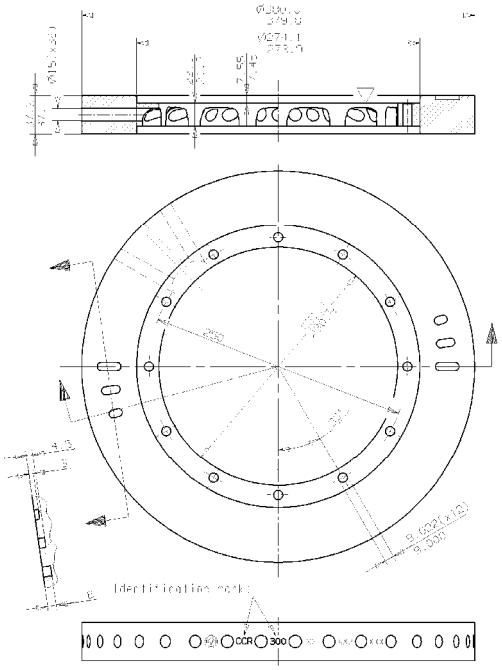
P/N:	**07.7293.63**	Thickness[mm]:	**29**	Compound:	**Ferodo DS1.11**	Pad Area [cm^2]:	**77.1**
P/N:	**07.7293.90**	Thickness[mm]:	**29**	Compound:	**Hawk HT14**	Pad Area [cm^2]:	**77.1**

CARBON DISCS AND PADS

P/N 09.7843.11

TECHNICAL SPECIFICATION

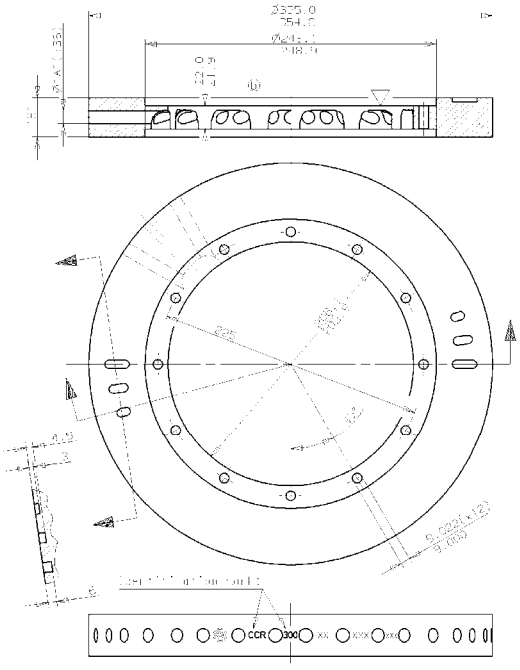
Carbon Material	CCR300
Diameter [mm]	380
Thickness [mm]	37
Annulus [mm]	53
Ventilation holes [mm]	15
Weight [Kg]	3.15
Number of Fixings	12
Mounting Hole Center [mm]	250
Inside Diameter [mm]	274
Flange Inside Diameter [mm]	231
Flange Thickness [mm]	22
Related Pads	07.7844.10 07.9076.20 07.9076.30



P/N 09.7843.21

TECHNICAL SPECIFICATION

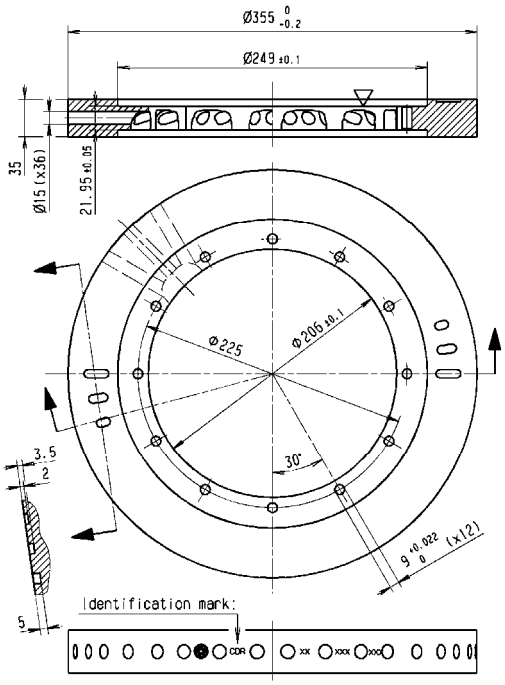
Carbon Material	CCR300
Diameter [mm]	355
Thickness [mm]	37
Annulus [mm]	53
Ventilation holes [mm]	15
Weight [Kg]	2.8
Number of Fixings	12
Mounting Hole Center [mm]	225
Inside Diameter [mm]	249
Flange Inside Diameter [mm]	206
Flange Thickness [mm]	22
Related Pads	07.7844.10 07.9076.20 07.9076.30



P/N 09.7843.55

TECHNICAL SPECIFICATION

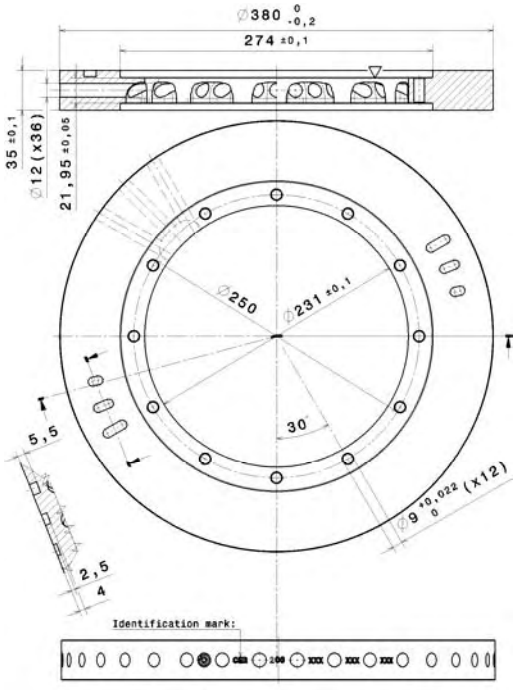
Carbon Material	CCR300
Diameter [mm]	355
Thickness [mm]	35
Annulus [mm]	53
Ventilation holes [mm]	15
Weight [Kg]	2.7
Number of Fixings	12
Mounting Hole Center [mm]	225
Inside Diameter [mm]	249
Flange Inside Diameter [mm]	206
Flange Thickness [mm]	22
Related Pads	07.9448.10



P/N XA6.M3.A2

TECHNICAL SPECIFICATION

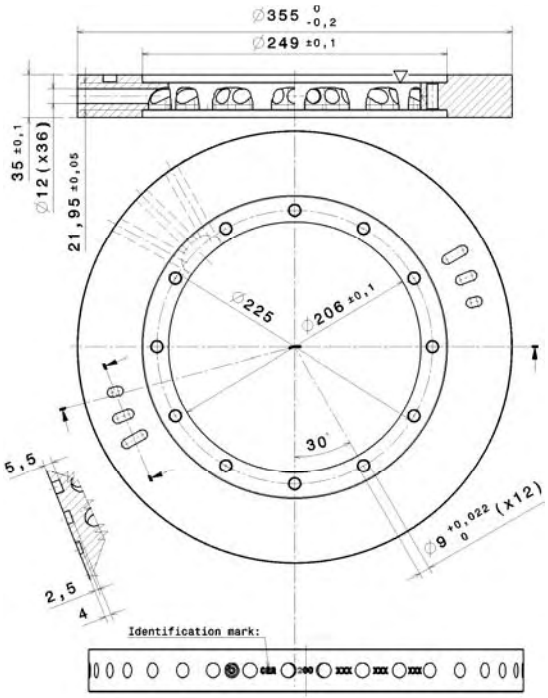
Carbon Material	CER200
Diameter [mm]	380
Thickness [mm]	35
Annulus [mm]	53
Ventilation holes [mm]	12
Weight [Kg]	3,22
Number of Fixings	12
Mounting Hole Center [mm]	250
Inside Diameter [mm]	274
Flange Inside Diameter [mm]	231
Flange Thickness [mm]	22
Related Pads	07.9076.20 07.9076.10



P/N XA6.M3.A3

TECHNICAL SPECIFICATION

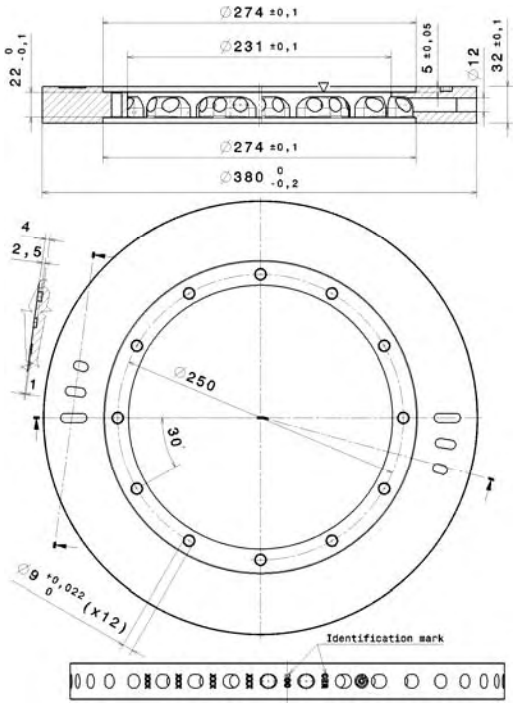
Carbon Material	CER200
Diameter [mm]	355
Thickness [mm]	35
Annulus [mm]	53
Ventilation holes [mm]	12
Weight [Kg]	2,92
Number of Fixings	12
Mounting Hole Center [mm]	225
Inside Diameter [mm]	249
Flange Inside Diameter [mm]	206
Flange Thickness [mm]	22
Related Pads	07.9076.20 07.9076.10



P/N XA6.M3.B2

TECHNICAL SPECIFICATION

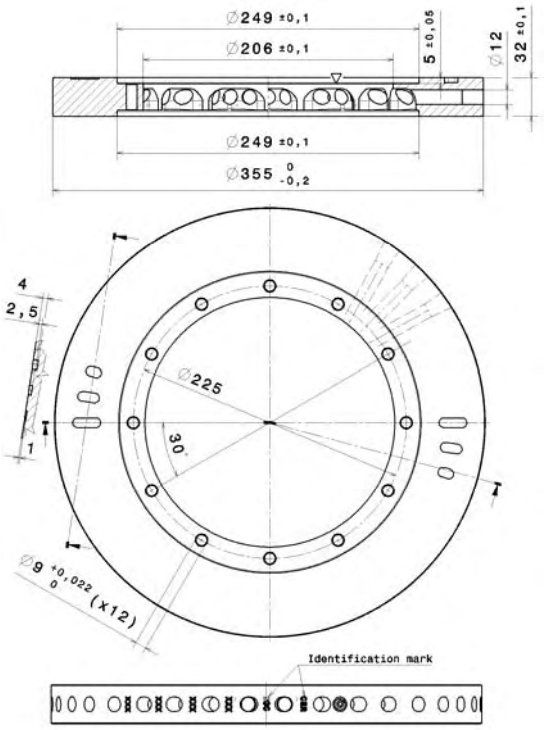
Carbon Material	CER200
Diameter [mm]	380
Thickness [mm]	32
Annulus [mm]	53
Ventilation holes [mm]	12
Weight [Kg]	2,85
Number of Fixings	12
Mounting Hole Center [mm]	250
Inside Diameter [mm]	274
Flange Inside Diameter [mm]	231
Flange Thickness [mm]	22
Related Pads	07.9076.10

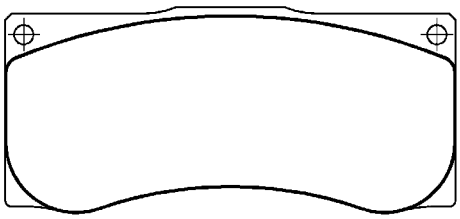


P/N XA6.M3.B3

TECHNICAL SPECIFICATION

Carbon Material	CER200
Diameter [mm]	355
Thickness [mm]	32
Annulus [mm]	53
Ventilation holes [mm]	12
Weight [Kg]	2,6
Number of Fixings	12
Mounting Hole Center [mm]	250
Inside Diameter [mm]	274
Flange Inside Diameter [mm]	231
Flange Thickness [mm]	22
Related Pads	07.9076.10

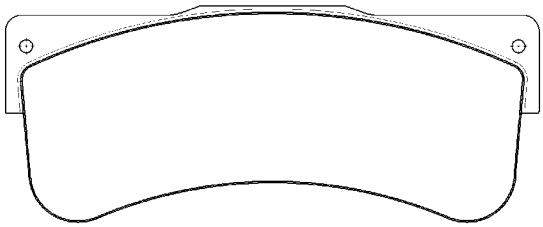




PAD FAMILY **Type"140 C-C"**

TECHNICAL SPECIFICATION

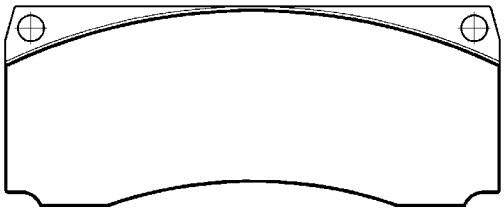
P/N:	07.7844.10	Carbon Material:	CCR400	Thickness[mm]:	26.5	Annulus [mm]:	53.0



PAD FAMILY **Type"164 C-C"**

TECHNICAL SPECIFICATION

P/N:	07.9076.10	Carbon Material:	CCR400	Thickness[mm]:	25	Annulus [mm]:	53.0
P/N:	07.9076.20	Carbon Material:	CCR400	Thickness[mm]:	31.5	Annulus [mm]:	53.0



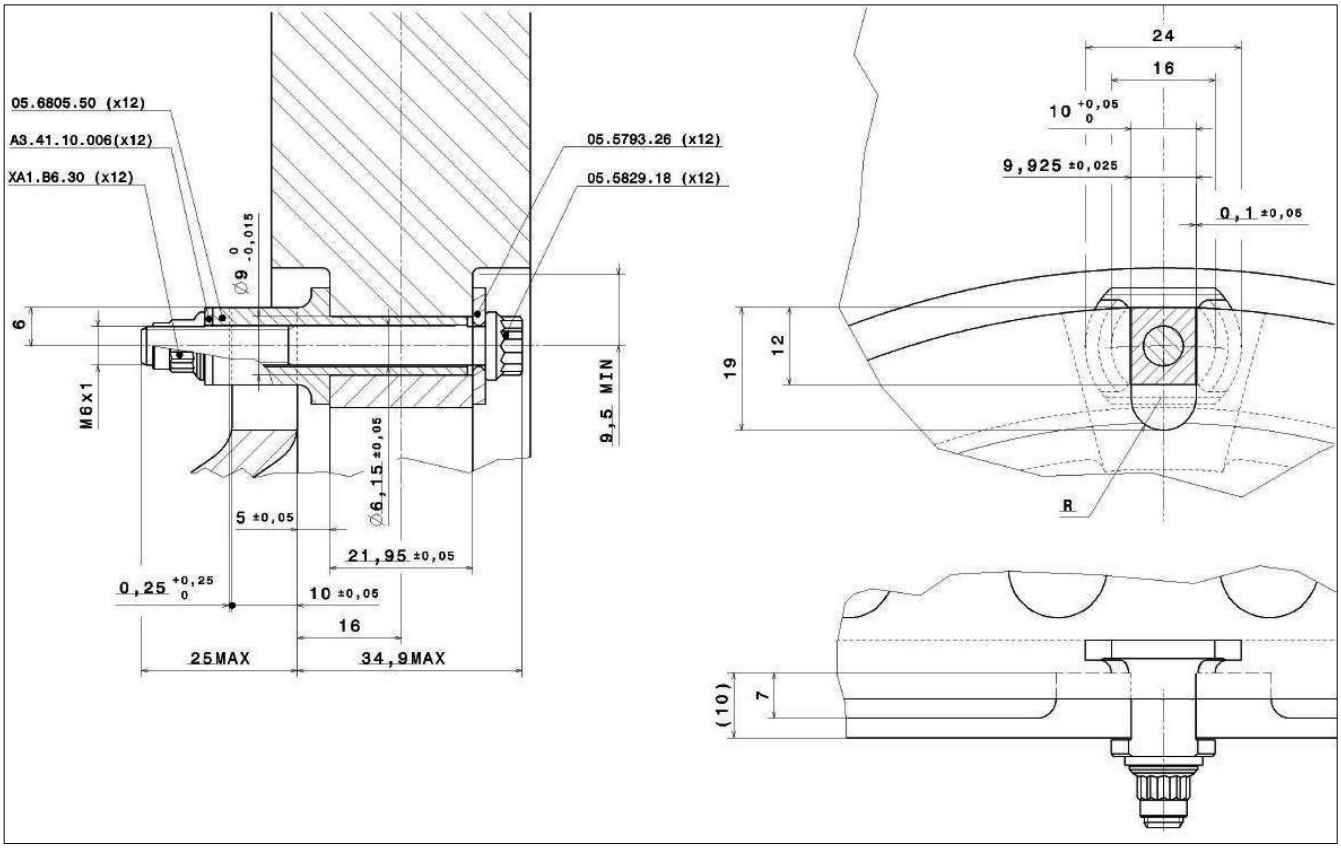
PAD FAMILY **Type"152"**

TECHNICAL SPECIFICATION

P/N:	07.9448.10	Carbon Material:	CCR400	Thickness[mm]:	25.0	Annulus [mm]:	52.9

CARBON DISC FIXING

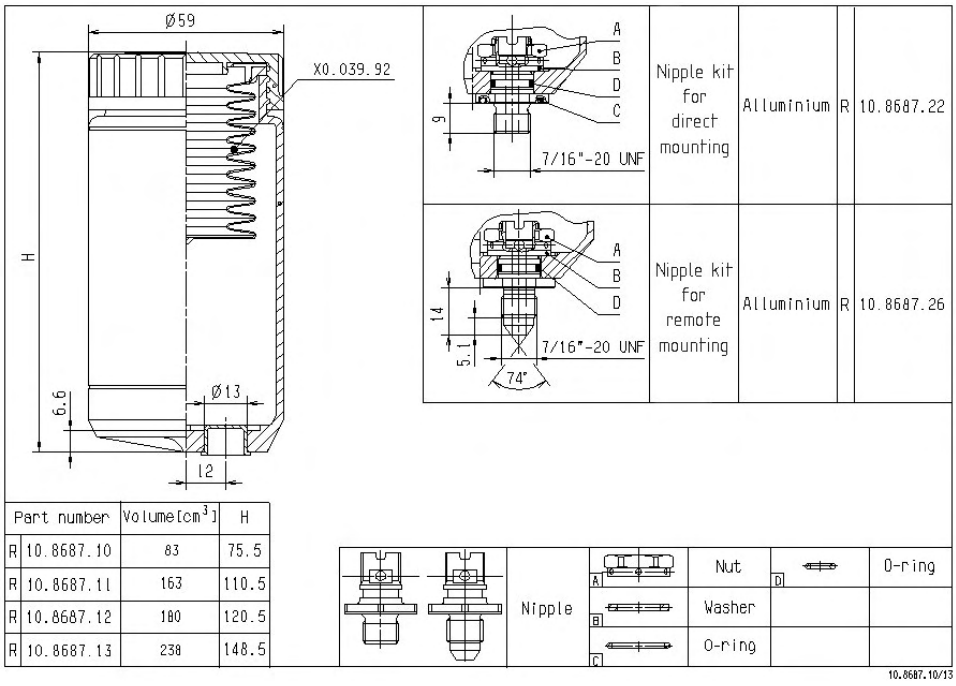
CARBON DISC FIXING



MASTER CYLINDERS & RESERVOIRS

P/N 10.8687.10/13

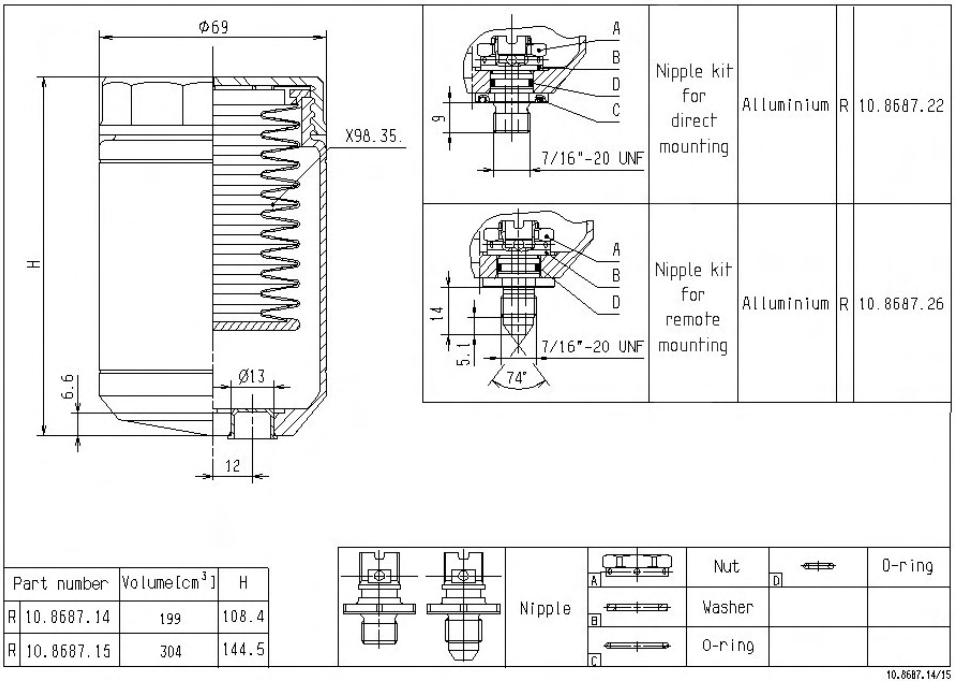
STANDARD RESERVOIRS



	Part number	Volume[cm³]	H
R	10.8687.10	83	75.5
R	10.8687.11	163	110.5
R	10.8687.12	180	120.5
R	10.8687.13	238	148.5

P/N 10.8687.14/15

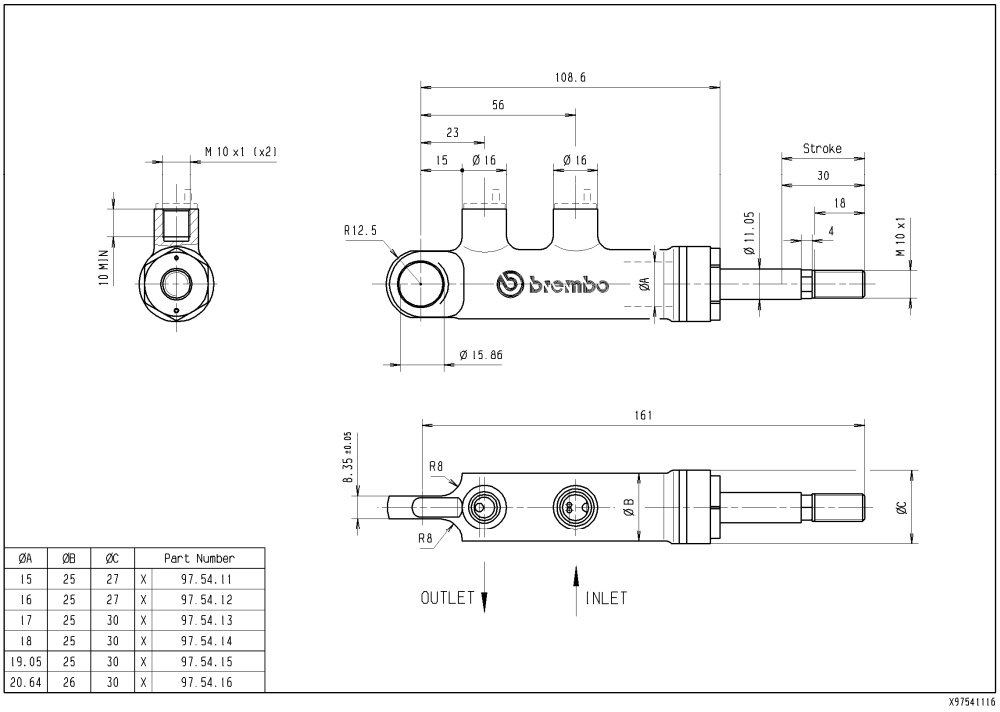
GRAN TOURING RESERVOIRS



	Part number	Volume[cm³]	H
R	10.8687.14	199	108.4
R	10.8687.15	304	144.5

P/N X97.54.11/16

FRONT PIVOT FIXING MASTER CYLINDER

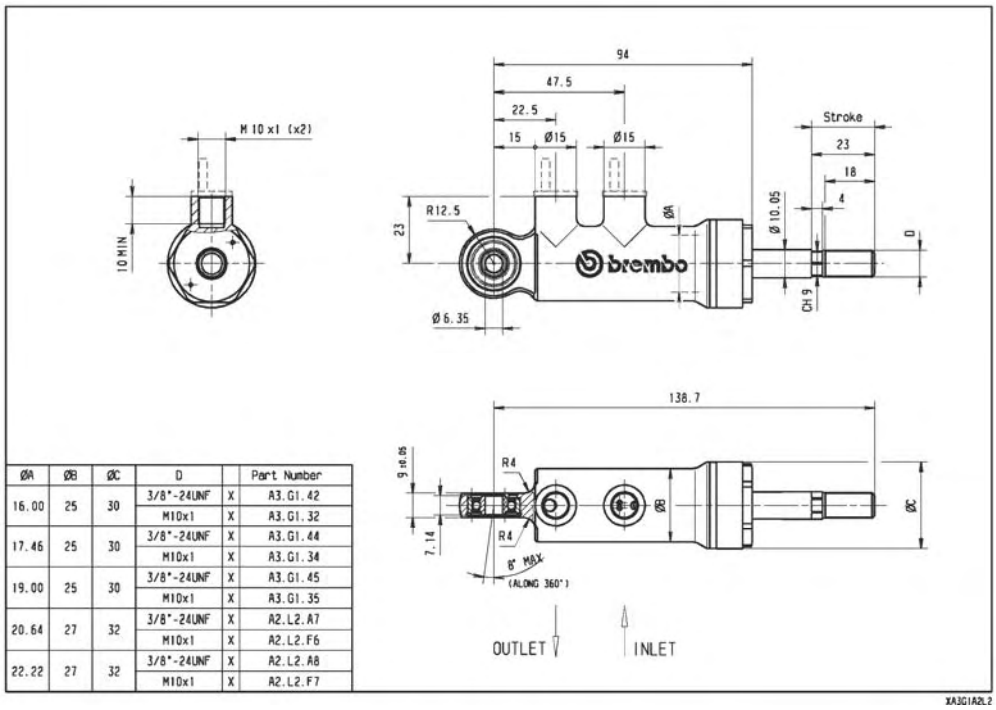


ØA	ØB	ØC	Part Number	
15	25	27	X	97.54.11
16	25	27	X	97.54.12
17	25	30	X	97.54.13
18	25	30	X	97.54.14
19.05	25	30	X	97.54.15
20.64	26	30	X	97.54.16

X97541116

P/N XA2.L2.A7/F7 – XA3.G1.32/45

FRONT PIVOT FIXING WITH VERTICAL BEARING MASTER CYLINDER

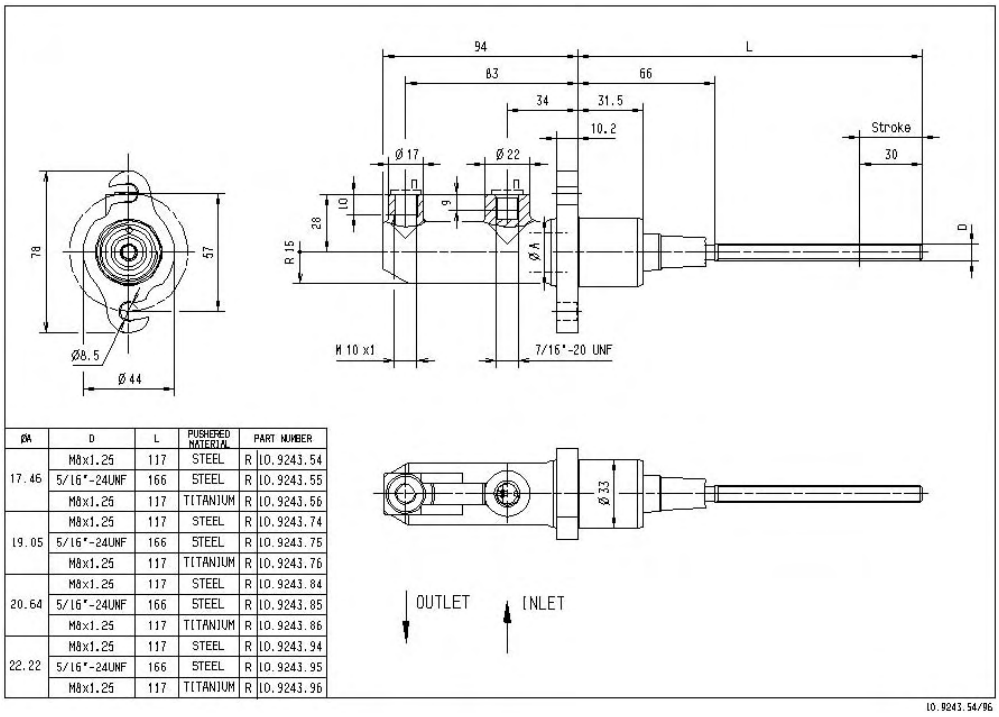


ØA	ØB	ØC	D		Part Number
16.00	25	30	3/8"-24UNF	X	A3.G1.42
			M10x1	X	A3.G1.32
17.46	25	30	3/8"-24UNF	X	A3.G1.44
			M10x1	X	A3.G1.34
19.00	25	30	3/8"-24UNF	X	A3.G1.45
			M10x1	X	A3.G1.35
20.64	27	32	3/8"-24UNF	X	A2.L2.A7
			M10x1	X	A2.L2.F6
22.22	27	32	3/8"-24UNF	X	A2.L2.A8
			M10x1	X	A2.L2.F7

XA3G1A2L2

P/N 10.9243.54/96

TWO BOLT FIXING MASTER CYLINDER

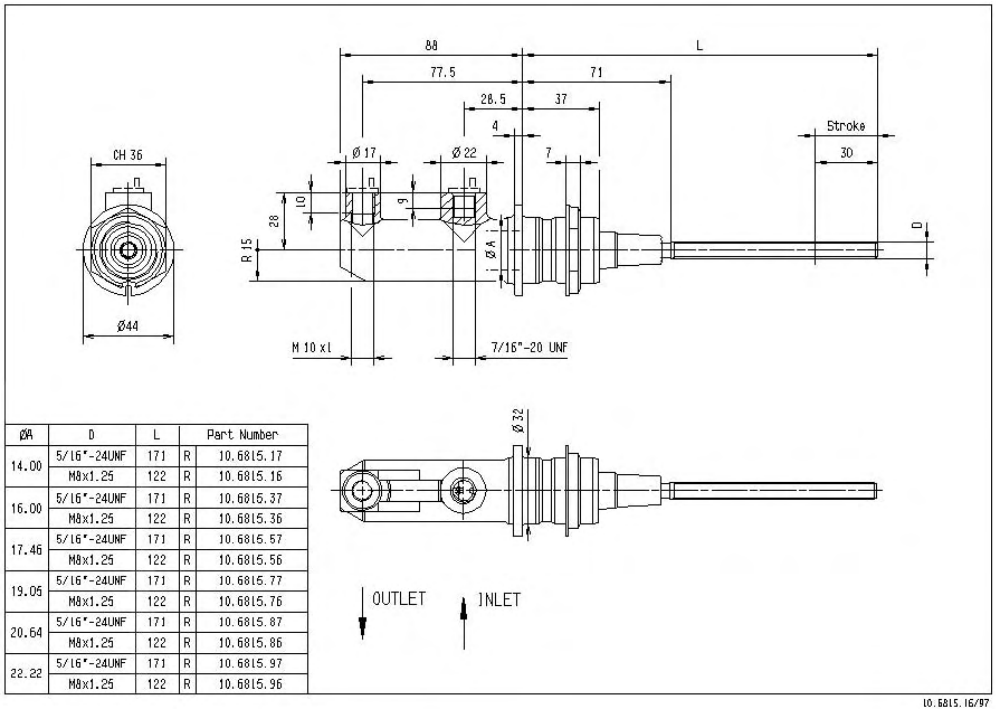


ØA	D	L	PUSHERED MATERIAL		PART NUMBER
17.46	M8x1.25	117	STEEL	R	10.9243.54
	5/16"-24UNF	166	STEEL	R	10.9243.55
	M8x1.25	117	TITANIUM	R	10.9243.56
19.05	M8x1.25	117	STEEL	R	10.9243.74
	5/16"-24UNF	166	STEEL	R	10.9243.75
	M8x1.25	117	TITANIUM	R	10.9243.76
20.64	M8x1.25	117	STEEL	R	10.9243.84
	5/16"-24UNF	166	STEEL	R	10.9243.85
	M8x1.25	117	TITANIUM	R	10.9243.86
22.22	M8x1.25	117	STEEL	R	10.9243.94
	5/16"-24UNF	166	STEEL	R	10.9243.95
	M8x1.25	117	TITANIUM	R	10.9243.96

10.9243.54/96

P/N 10.6815.16/97

SINGLE NUT FIXING MASTER CYLINDER

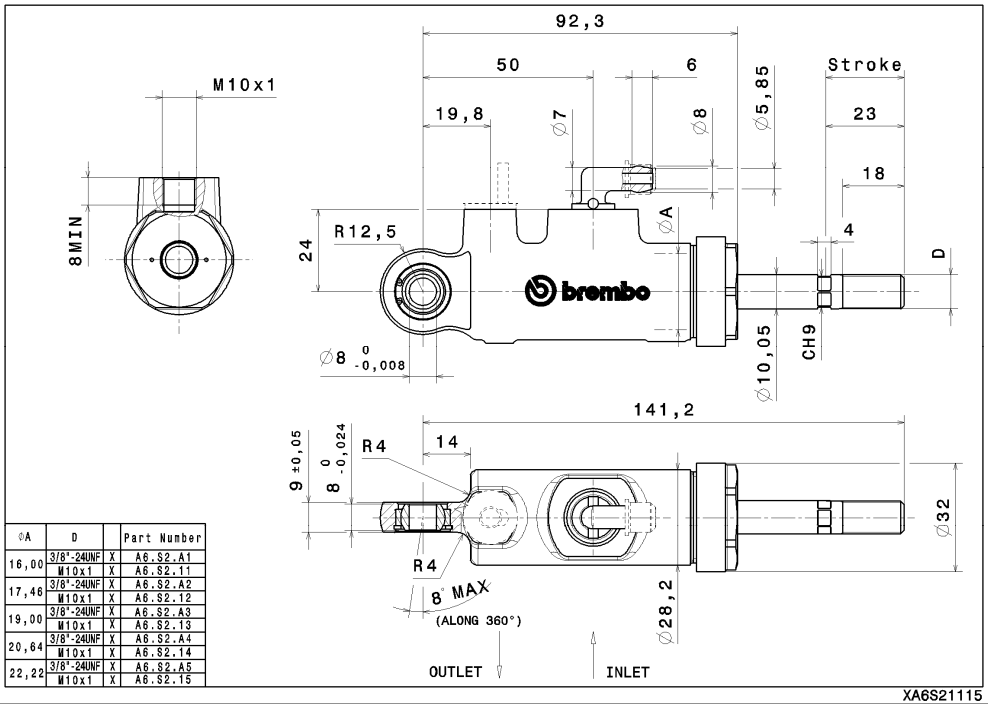


ØA	D	L		Part Number
14.00	5/16"-24UNF	171	R	10.6815.17
	M8x1.25	122	R	10.6815.16
16.00	5/16"-24UNF	171	R	10.6815.37
	M8x1.25	122	R	10.6815.36
17.46	5/16"-24UNF	171	R	10.6815.57
	M8x1.25	122	R	10.6815.56
19.05	5/16"-24UNF	171	R	10.6815.77
	M8x1.25	122	R	10.6815.76
20.64	5/16"-24UNF	171	R	10.6815.87
	M8x1.25	122	R	10.6815.86
22.22	5/16"-24UNF	171	R	10.6815.97
	M8x1.25	122	R	10.6815.96

10.6815.16/97

P/N XA6.S2.11/A4

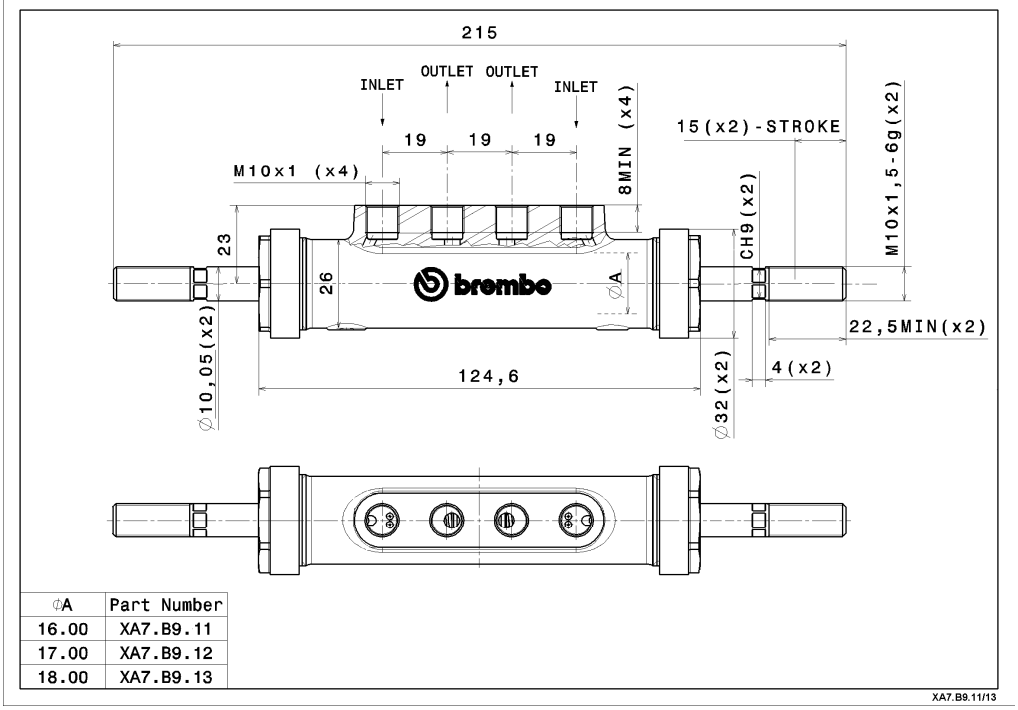
FORGED MASTER CYLINDER



⌀A	D		Part Number
16,00	3/8"-24UNF	X	A6.S2.A1
	M10x1	X	A6.S2.11
17,46	3/8"-24UNF	X	A6.S2.A2
	M10x1	X	A6.S2.12
19,00	3/8"-24UNF	X	A6.S2.A3
	M10x1	X	A6.S2.13
20,64	3/8"-24UNF	X	A6.S2.A4
	M10x1	X	A6.S2.14
22,22	3/8"-24UNF	X	A6.S2.A5
	M10x1	X	A6.S2.15

P/N XA7.B9.11/13

TWIN MASTER CYLINDER FOR HANDBRAKE

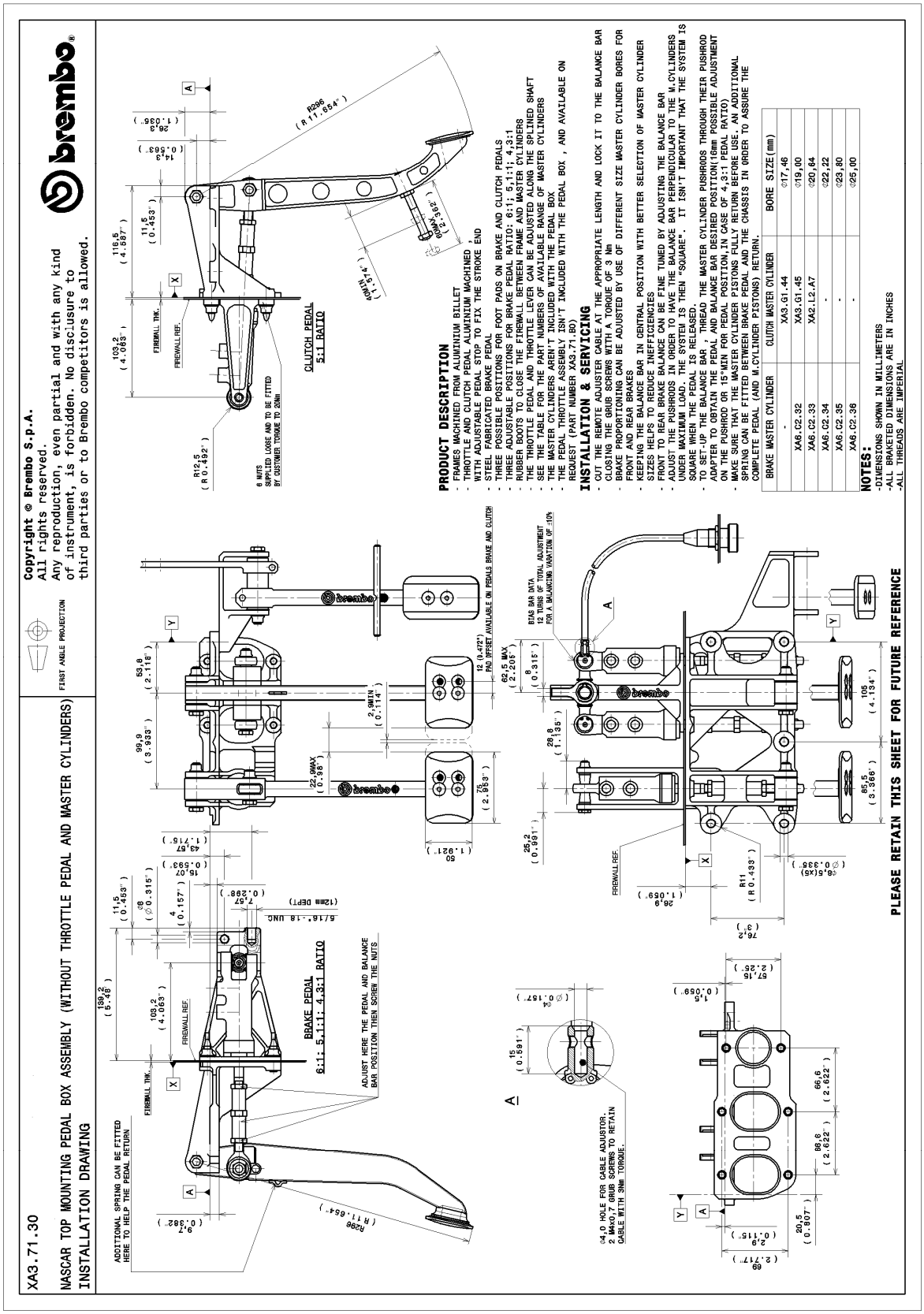


⌀A	Part Number
16.00	XA7.B9.11
17.00	XA7.B9.12
18.00	XA7.B9.13

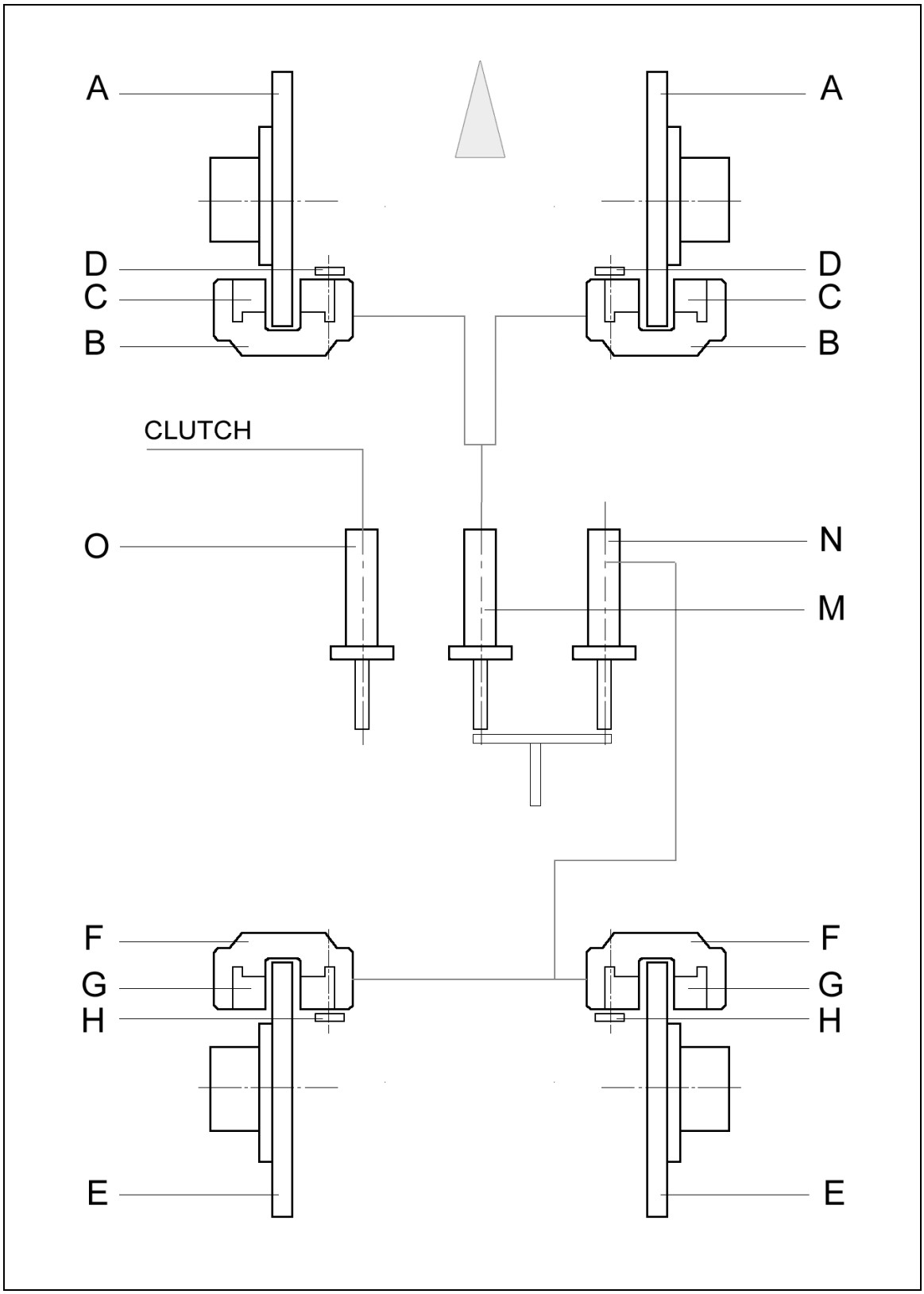
PEDAL BOX

P/N XA3.71.30

TOP MOUNTING PEDAL BOX



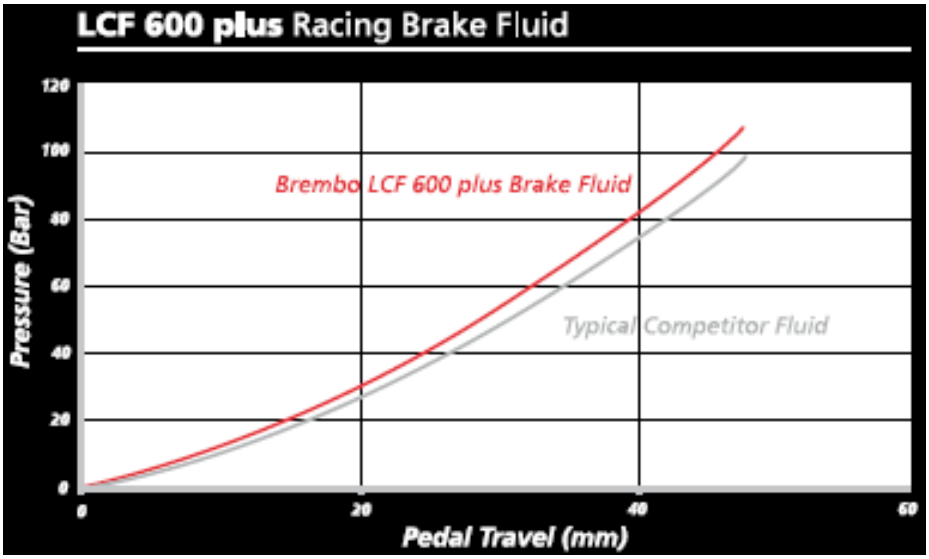
BRAKE SYSTEM LAYOUT



BRAKE FLUID

P/N 04.8164.11

LCF 600 PLUS BRAKE FLUID



Exclusively for racing use.

Brembo Racing LCF 600 plus has been specifically formulated to provide the highest performance under all racing conditions:

- an indipendently proven low compressibility at high temperatures
- a typical dry boiling point of 316°C (601°F)
- a typical wet boiling point of 204°C (399°F)

It even exceeds the requirements of U.S. FMVSS 116 DOT4 specification.

COMPATIBILITY

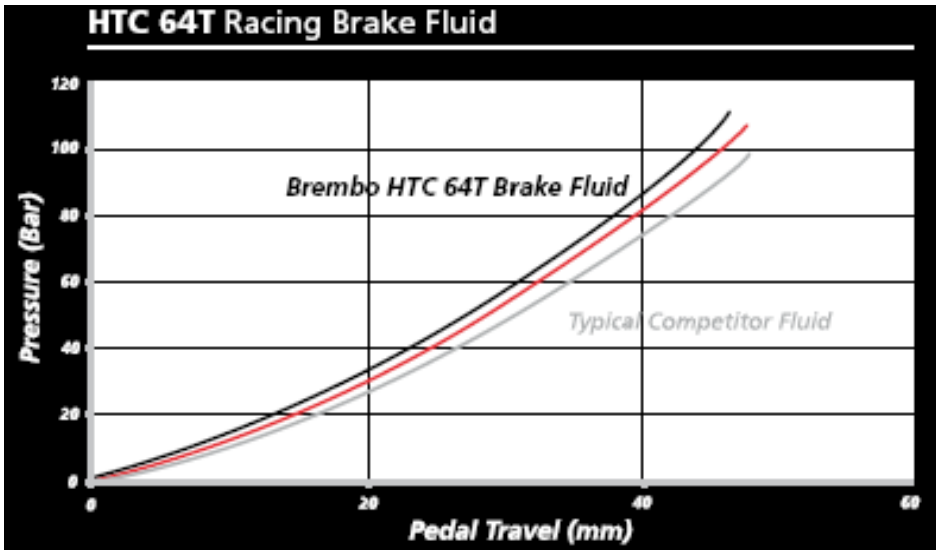
Compatible with all Brembo Racing Brake Systems.

It can be mixed with other DOT3 and DOT4 racing brake fluids but for maximum performance advantage, before filling, other types of fluid should be drained form the brake system to avoid diluting the flid characteristic.

Brembo LCF 600 plus must not be used in Brake Systems containing magnesium parts.

P/N 04.8164.20

HTC 64T PLUS BRAKE FLUID



Exclusively for racing use.

Brembo Racing HTC 64T plus has been specifically formulated to provide the highest performance under all racing conditions:

- an indipendently proven low compressibility at high temperatures
- a typical dry boiling point of 335°C (635°F)

COMPATIBILITY

Compatible with all Brembo Racing Brake Systems.

It can be mixed with other DOT3 and DOT4 racing brake fluids but for maximum performance advantage, before filling, other types of fluid should be drained form the brake system to avoid diluting the flid characteristic.

Brembo HTC 64T plus must not be used in Brake Systems containing magnesium parts.

TEMPERATURE RECORDS

P/N 02.5711.10

TEMPERATURE PAINTS

Paint Colour	Temperature of Toner
GREEN	430°C / 806°F
ORANGE	560°C / 1040°F
RED	610°C / 1130°F

P/N 02.5168.10/13

CALIPER THERMO TAPES

P/N	Temperature Range
02.5168.10	From 132°C/270°F to 210°C/410°F
02.5168.11	From 88°C/190°F to 127°C/260°F
02.5168.12	From 132°C/270°F to 171°C/340°F
02.5168.13	From 210°C/410°F to 260°C/500°F

P/N 02.5223.10

TEMPERATURE RECORD NOTPAD