### Rev**o**rtex

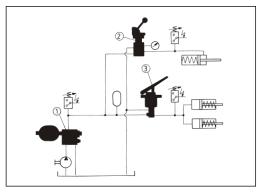
#### **Brake valves 215**

#### REGULATING PRESSURE REDUCING VALVES, HAND / PEDAL OPERATED

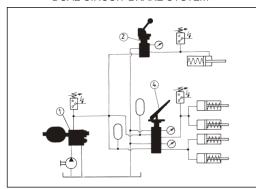
- Direst control pressure valves
- Brake valves is applied on building -constructions mobile machines:
- -type 215 9100 for brake hydraulic system and braking by stoppage position of machine
- type 215 20100 for single circuit brake hydraulic system and braking at two wheels (in drive position)  $\,$
- type 215 9000 for dual circute brake hydraulic systwm and braking at four wheels (in drive position)
- Smoothly control of brakes force by proportional pressure reducing valve depending on the hand lever position
- Mechanical bck up / unlock position of control lever, for valve 215 9100



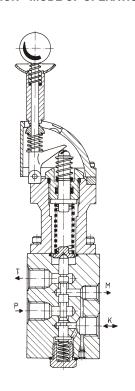
#### SINGL CIRCUIT BRAKE SYSTEM

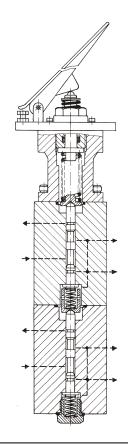


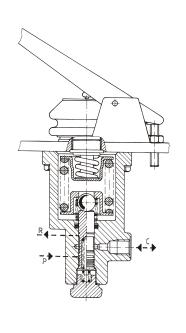
#### DUAL CIRCUIT BRAKE SYSTEM



#### **SECTION - MODE OF OPERATION**







## Rev©rtex

3

#### GENERAL

TECHNICAL DATA

Designation	215 - 20100	215 - 9000	215 - 9000 - 1	215 - 9100
Symbol	M T R	K 2 M2  M T T T T T N T T WW	K1 M1 WM T T T T T T T T T T T T T T T T T T T	K M P T
Mounting method	In pipelines			
Mounting position	Vertical	Horizontal	Vertical	Horizontal
Ambient temperature (C)	+50			
Mass (kg)				

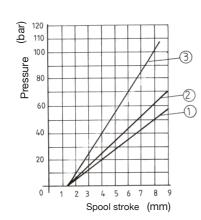
#### **HYDRAULIC**

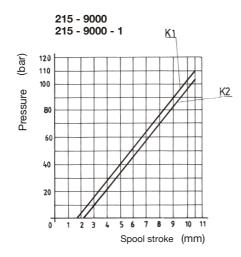
Pressure (bar)	lines P, P1, P2	max 160	
	for braking	max 50, 60, 80, 100, 150*	
Working fluid	mineral oil		
	viscosity (mm/²s)	11,6 - 230	
	temperature (C)	-20 +70	

<sup>\*</sup>Valve - on the request can be in factory ragulated

#### CHARACTERISTIC DIAGRAMS



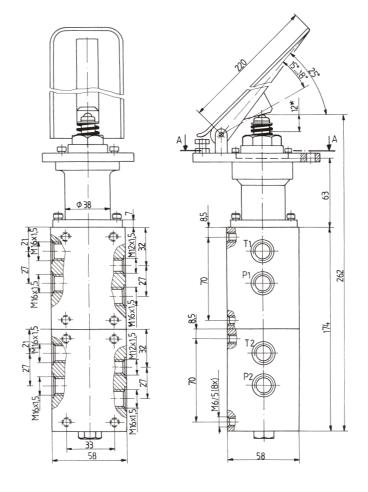


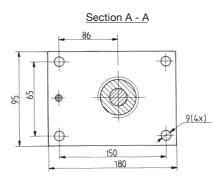


- Max braking pressure 50 bar
- Max braking pressure 60 bar
- Max braking pressure 100 bar

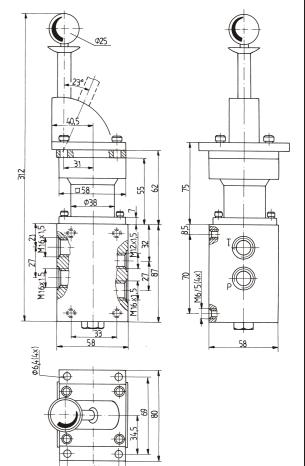
MOUNTING DRAWING (dimensions in mm)

215 - 9000 - 1





215 - 9100

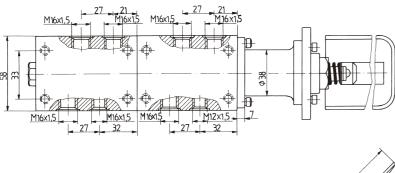


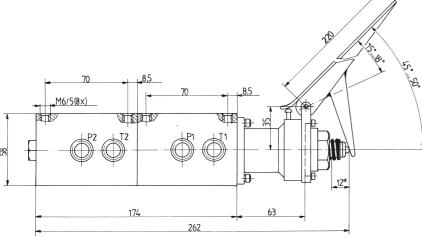


<sup>\*</sup> Piston stroke

#### MOUNTING DRAWING (dimensions in mm)

215 - 9000





\* Piston stroke

# 

#### **WARNING**

Errors in the selection or use of the products and / or systems described, can cause serious personal injury and property damage. It is critical that all aspects of the application and the operating conditions and products chosen are analyzed and re-examined. Making own tests and evaluations, the user is the only one able to ensure compliance with performance, safety and cautionary

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#### Revortex srl

Sede legale: Via Bruno Tosarelli, 23 - 40055 - Villanova di Castenaso - BO - Italy

Sede produttiva: Via Saragat, 26 - 40062 - Molinella - BO - Italy

info@revortex.eu - revortex.eu

PI 03738231202