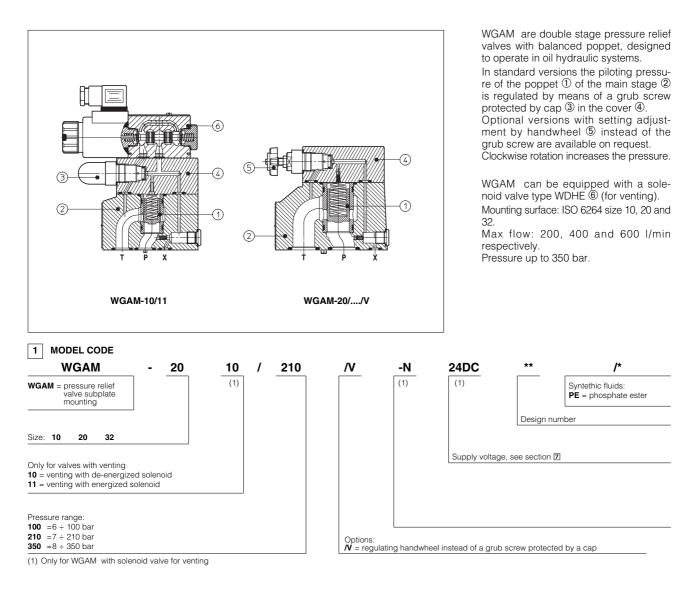
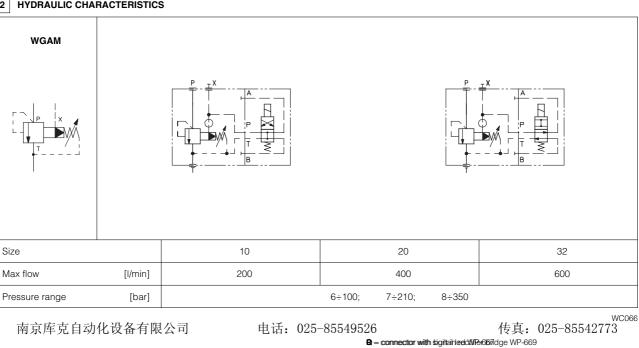


Pressure relief valves type WGAM

two stage, subplate mounting - ISO 6264 size 10, 20 and 32





2 HYDRAULIC CHARACTERISTICS

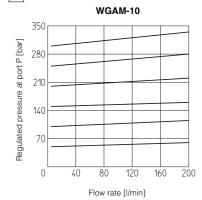
3 MAIN CHARACTERISTICS OF PRESSURE CONTROL VALVES TYPE WGAM

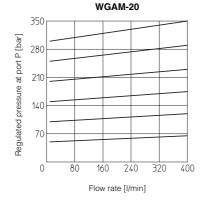
Assembly position / location	Any position		
Subplate surface finishing	Roughness index $\sqrt{0.4}$, flatness ratio 0,01/100 (ISO 1101)		
Ambient temperature	-20°C to + 70°C		
Fluid	Hydraulic oil as per DIN 51524 535; for other fluids see section 1		
Recommended viscosity	15 ÷ 100 mm²/s at 40°C (ISO VG 15 ÷100)		
Fluid contamination class	ISO 19/16, achieved with in line filters at 25 μ m value and $\beta \approx > 75$ (recommended)		
Fluid temperature	-20°C +60°C (standard seals) -20°C +80°C (/PE seals)		

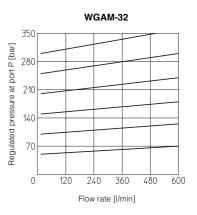
3.1 Coils characteristics (only for WGAM with solenoid valve)

Insulation class	Н			
Connector protection degree	IP 65			
Relative duty factor	100%			
Supply voltage and frequency	See electric feature 🛛			
Supply voltage tolerance	± 10%			

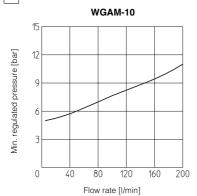
4 REGULATED PRESSURE VERSUS FLOW DIAGRAMS based on mineral oil ISO VG 46 at 50°C

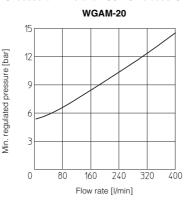


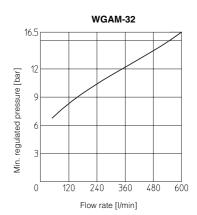




5 MINIMUM PRESSURE VERSUS FLOW DIAGRAMS based on mineral oil ISO VG 46 at 50°C







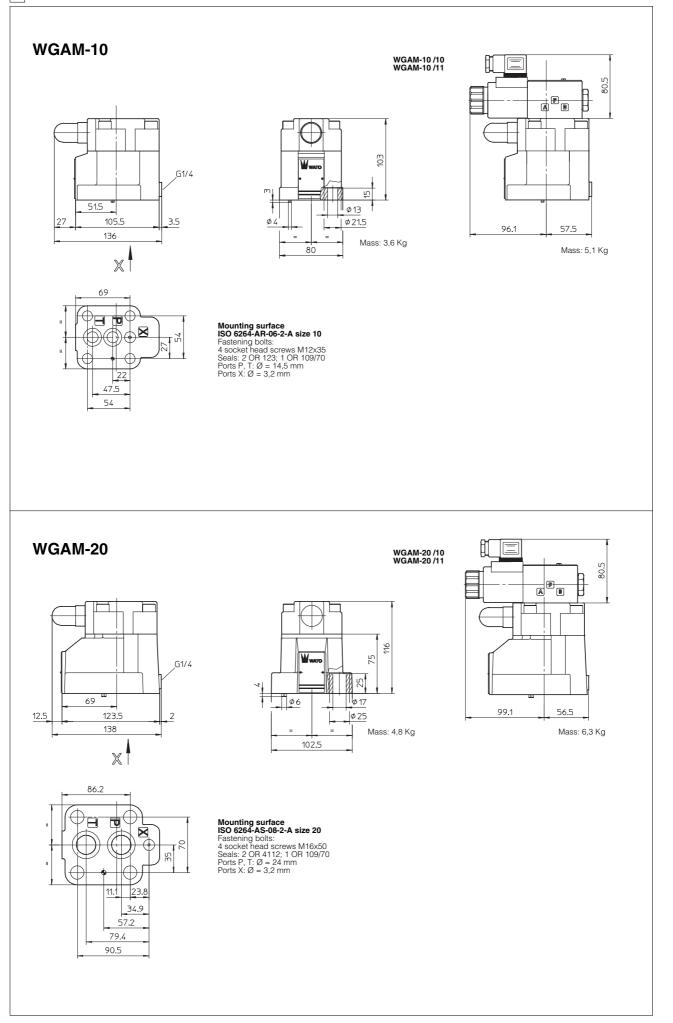
6 ELECTRIC CONNECTORS ACCORDING TO DIN 43650 FOR WGAM WITH SOLENOID VALVE The connectors are supplied with the valve

Code of connector	Function		
WP-666 (option -N)	Connector IP-65, suitable for direct connection to electric supply source		
WP-667 (option -P)	As WP-666 connector IP-65 but with built-in signal led, suitable for direct connection to electric supply source		
WP-669 (option -Q)	With built-in rectifier bridge for supplying DC coils by alternate current (AC 110V and 220V - Imax 1A).		

7 ELECTRIC FEATURES FOR WGAM WITH SOLENOID VALVE

External supply nominal voltage ± 10%	Type of connector	Power consumption (2)	Code of spare coil
12 DC	WP-666	WP-666 30 W	SP-WCOE-12DC
24 DC		30 W	SP-WCOE-24DC
110/50/60 AC	or WP-667	E0.1/A	SP-WCOE-110/50/60AC (1)
220/50/60 AC	VF-007	58 VA	SP-WCOE-220/50/60AC (1)
110/50/60 AC	WP-669	30 W	SP-WCOE-110DC
220/50/60 AC	VVF-009	30 W	SP-WCOE-220DC

- (1) Coil can be supplied also with 60 Hz of voltage frequency: in this case the performances are reduced by 10 \div 15% and the power consumption is 52 VA.
- (2) Average values based on tests performed at nominal hydraulic condition and ambient/coil temperature of 20°C.
- (3) When solenoid is energized, the inrush current is approx 3 times the holding current. Inrush current values correspond to a power consumption of about 160 VA.



电话: 025-85549526

8 DIMENSIONS [mm]

