



RQ\*\*-P

(FOR CIRCUITS WITH ACCUMULATOR)

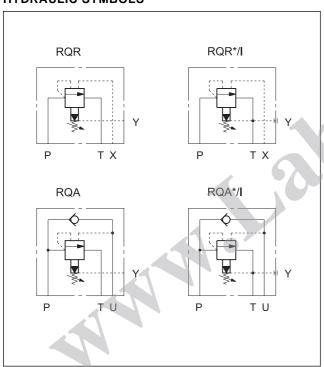
SERIES 41

RQR\*-P

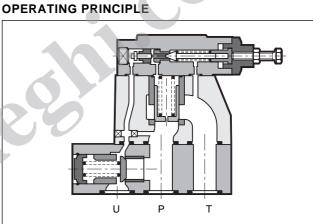
RQA\*-P with incorporated check valve

## **SUBPLATE MOUNTING**

## **HYDRAULIC SYMBOLS**



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 The RQR and RQA valves have not only the normal function of relief valves or safety valves but also the characteristic of freely discharging the pump flow when the set pressure value is reached.

In order to assure this condition, use of an accumulator that guarantees pressure in the circuit is required. Use of a check valve prevents the accumulator from discharging through the valve in the open position.

 They are made with a balanced shutter main stage that has wide passages for large flows, and with reduced pressure drops.

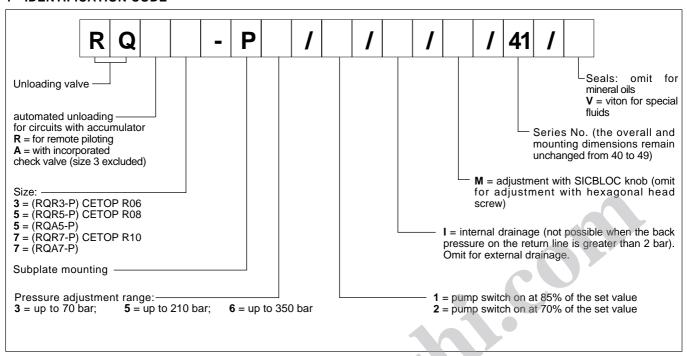
PERFORMANCE RATINGS (measured with mineral oil of viscosity 36 cSt at 50°C)		RQR3-P	RQR5-P	RQR7-P	RQA5-P	RQA7-P		
Maximum operating pressure	bar	350 320			20			
Maximum flow rate	l/min	200	400	500	400	500		
Ambient temperature range	°C	-20 ÷ +50						
Fluid temperature range	°C	−20 ÷ +80						
Fluid viscosity range	cSt	10 ÷ 400						
Recommended viscosity	cSt	25						
Degree of fluid contamination		According to NAS 1638 class 10						
Mass	kg	3,5	4,3	6,5	10,4	19		

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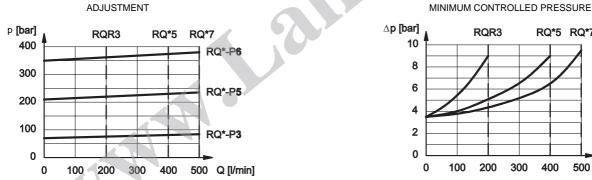


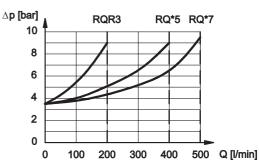


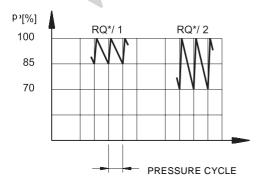
## 1 - IDENTIFICATION CODE



## 2 - CHARACTERISTIC CURVES (values obtained with viscosity of 36 cSt at 50°C)







## 3 - HYDRAULIC FLUIDS

Use mineral oil-based hydraulic fluids, with the addition of suitable anti-frothing and anti-oxidizing agents. For the use of other types (water glycol, phosphate esters and others), please consult our technical department.

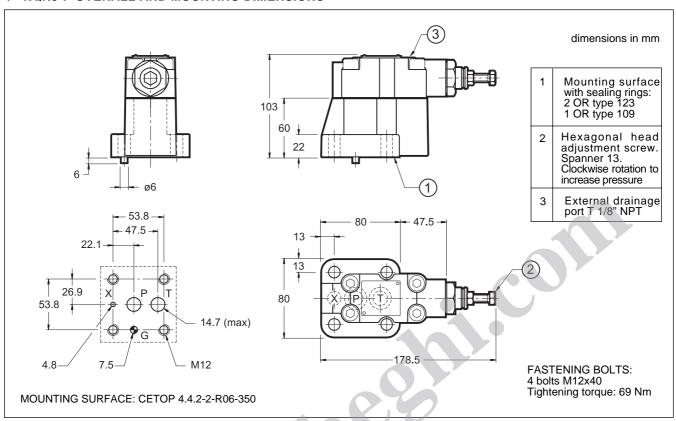
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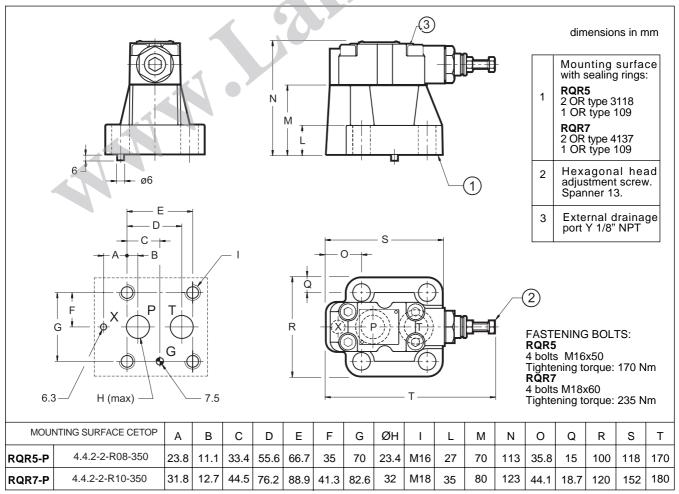
# RQ\*\*-P

## **SERIES 41**

## 4 - RQR3-P OVERALL AND MOUNTING DIMENSIONS



## 5 - RQR5-P and RQR7-P OVERALL AND MOUNTING DIMENSIONS

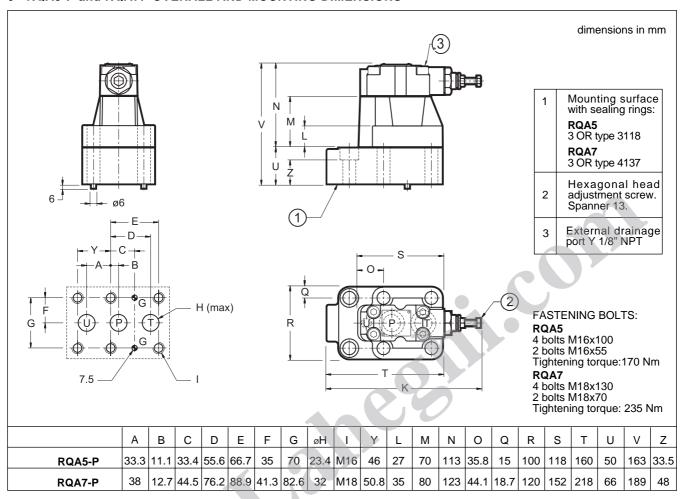


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## 6 - RQA5-P and RQA7P OVERALL AND MOUNTING DIMENSIONS

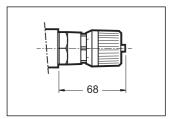


## 7 - ADJUSTMENT KNOB

The RQ valves can be equipped with a SICBLOC adjustment knob.

To operate it, push and rotate at the same time.

To request this option, add: /M (see par.1).



## 8 - SUBPLATES (see catalogue 51 000)

	RQR3-P	RQR5-P	RQR7-P	RQA5-P	RQA7-P
Туре	PMRQ3-AI4G rear ports	PMRQ5-Al5G rear ports	PMRQ7-AI7G rear ports	PMRQA5-AI5G rear ports	PMRQA7-AI7G rear ports
Port dimension PTU	1/2" BSP	3/4" BSP	1" 1/4 BSP	3/4" BSP	1" 1/4 BSP
Port dimension X	1/4" BSP	1/4" BSP	1/4" BSP	_	_



## **DUPLOMATIC OLEODINAMICA SpA**

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