

EXPLOSION PROOF PRODUCT RANGE

DIPLOMATIC Explosion Proof valves are ATEX 94/9/EC standards certified and are suitable for the use in potentially explosive atmospheres, that fall within either the ATEX II GD for gas or for dust classification.

RQM*KD2-P



SOLENOID OPERATED PRESSURE RELIEF VALVES WITH UNLOADING AND PRESSURE SELECTION

Subplate mounting	CETOP R06/R08/R10
Flow rate	from 200 l/min to 500 l/min
Operating pressure	350 bar max
Power supply	12/24/48/110V DC and 120/240V RAC
Electrical connection with terminal box and cable glands	
Optional	FPM and Low temperature seals (-40°C ÷ +80°C) Zinc nickel surface treatment

DS(P)*KD2



SOLENOID OPERATED DIRECTIONAL CONTROL VALVES

DIRECT OPERATED		PILOT OPERATED	
Size	CETOP 03	Size	CETOP 05/07/08/10
Flow rate	up to 80 l/min	Flow rate	from 150 l/min to 1100 l/min
Operating pressure 350 bar max			
Power supply 12/24/48/110V DC and 120/240V RAC			
Electrical connection with terminal box and cable glands			
Optional		FPM and Low temperature seals (-40°C ÷ +80°C) Zinc nickel surface treatment (standard for direct operated valves)	

DT3-3CB



3 WAY DIRECTIONAL SOLENOID OPERATED POPPET VALVES

Size	CETOP 03
Flow rate	30 l/min
Operating pressure	350 bar max
Power supply	24V DC
Electrical connection with terminal box and cable glands	

HCK2 AND HCK3

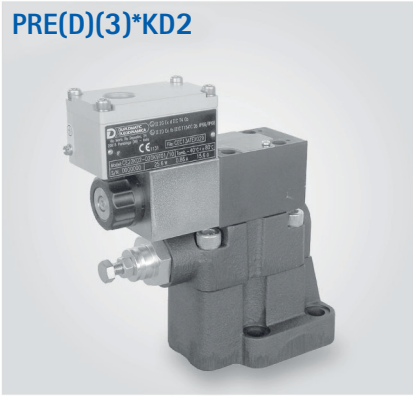


ISO 6020-2 AND ISO 6022 HYDRAULIC CYLINDERS

Operating pressure	160 bar for HCK2 and 250 bar for HCK3 (continuous service)
Maximum stroke	5000 mm
Maximum speed	0,5 m/s
Seals	standard made of NBR + polyurethane low friction and for high temperatures available as optional
Mounting styles according to ISO/DIN standards	
End stroke proximity sensors can be mounted upon request in order to provide switching signal when the piston rod reaches the end stroke	
ATEX Certification	ATEX II 2 GD for standard HCK cylinders ATEX II 3 GD for HCK cylinder with end stroke sensors

EXPLOSION PROOF PRODUCT RANGE

PRE(D)(3)*KD2



PRESSURE RELIEF VALVES WITH PROPORTIONAL CONTROL

Subplate mounting CETOP 03/R06/R08/R10

PRE are direct operated and PRED are pilot operated

Flow rate from 5 l/min to 500 l/min

Operating pressure 350 bar max

Power supply 12/24V DC

Electrical connection with terminal box and cable glands

Optional FPM and Low temperature seals (-40°C ÷ +80°C)
Zinc nickel surface treatment

ZDE3KD2



DIRECT OPERATED PRESSURE REDUCING VALVE WITH PROPORTIONAL CONTROL

Flow rate 15 l/min max

Operating pressure 30 ÷ 100 bar

Regulated pressure 23 bar

Power supply 12/24V DC

Electrical connection with terminal box and cable glands

Zinc nickel surface treatment

Optional FPM and Low temperature seals (-40°C ÷ +80°C)
Version suitable for T5 temperature class

DZCE*KD2



BALANCING VALVE WITH PROPORTIONAL CONTROL

Size CETOP 05/07/08

Flow rate from 150 l/min to 500 l/min

Operating pressure 350 bar max

Power supply 12/24V DC

Electrical connection with terminal box and cable glands

Optional FPM and Low temperature seals (-40°C ÷ +80°C)
Zinc nickel surface treatment

DS(P)E*KD2



SOLENOID OPERATED DIRECTIONAL CONTROL VALVES WITH PROPORTIONAL CONTROL

DIRECT OPERATED

PILOT OPERATED

Size CETOP 03

Size CETOP 05/07/08/10

Spool type open or closed centers

Spool type open or closed centers

Flow rate from 1.3 l/min to 26 l/min
with Δp_{10} bar P-T

Flow rate from 80 l/min to 500 l/min
with Δp_{10} bar P-T

Operating pressure 350 bar max

Power supply 12/24V DC

Electrical connection with terminal box and cable glands

Optional FPM and Low temperature seals (-40°C ÷ +80°C)
Zinc nickel surface treatment (standard for direct operated valves)

To find out more about Duplomatic Oleodinamica and to consult our on-line catalogue, please visit

www.duplomatic.com



The Real Alternative

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