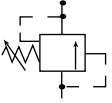
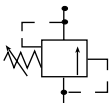


System Stack Valves NG 6

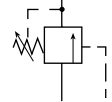
Pressure Relief Valves (40mm Stack Height)

Basic Model	Function	Pressure Adjustment Range	Adjustment Type	Design Number	Symbol
DGMC-3	PT = Pressure limited in P, discharge to T AT = Pressure limited in A, discharge to T BT = Pressure Limited in B, discharge to T AB = Pressure Limited in A, discharge to B BA = Pressure Limited in B, discharge to A	A = 3 -50 Bar B = 3 - 100 Bar C = 10 - 200 Bar G = 50 - 315 Bar	H = Hand Knob K = Micrometer with keylock W = Screw with locknut	41	

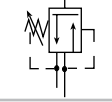
Dual Pressure Relief Valves (40mm Stack Height)

Basic Model	1st Function	Pressure Adjustment Range	Adjustment Type	2nd Function	Pressure Adjustment Range	Adjustment Type	Design Number	Symbol
DGMC2-3	AT = Pressure limited in A, discharge to T AB = Pressure limited in A, discharge to B	A = 3 -50 Bar B = 3 - 100 Bar C = 10 - 200 Bar G = 50 - 315 Bar	H = Hand Knob K = Micrometer with keylock W = Screw with locknut	BT = Pressure limited in B, discharge to T BA = Pressure limited in B, discharge to A	A = 3 -50 Bar B = 3 - 100 Bar C = 10 - 200 Bar G = 50 - 315 Bar	H = Hand Knob K = Micrometer with keylock W = Screw with locknut	41	

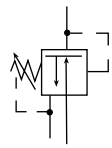
Counterbalance Valves (40mm Stack Height)

Basic Model	Function	Pressure Adjustment Range	Adjustment Type	Design Number	Symbol
DGMR-3	TA = Counterbalance control in T port, piloted by A port	A = 3 -30 Bar B = 3.5 -70 Bar C = 10-140 Bar F = 20-250 Bar	H = Hand Knob K = Micrometer with keylock W = Screw with locknut	41	

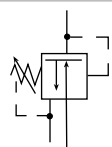
Sequence Valves (40mm Stack Height)

Basic Model	Function	Pressure Adjustment Range	Adjustment Type	Design Number	Symbol
DGMR1-3	PP = Sequence control in P port, controlled by pressure in P port	A = 3 -30 Bar B = 3.5 -70 Bar C = 10-140 Bar F = 20-250 Bar	H = Hand Knob K = Micrometer with keylock W = Screw with locknut	41	

Pressure Reducing Valves (Underlapped) (40mm Stack Height)

Basic Model	Function	Pressure Adjustment Range	Adjustment Type	Design Number	Symbol
DGMX1-3	PP = Pressure reduced in P, sensed from P PA = Pressure reduced in P, sensed from A PB = Pressure reduced in P, sensed from B	A = 3 -30 Bar B = 3.5 -70 Bar C = 10-140 Bar F = 20-250 Bar Y = 1,40-7,0 bar R = 1,40-45,0 bar	H = Hand Knob K = Micrometer with keylock W = Screw with locknut	41	


Pressure Reducing Valves (Overlapped) (40mm Stack Height)

Basic Model	Function	Pressure Adjustment Range	Adjustment Type	Design Number	Symbol
DGMX2-3	PP = Pressure reduced in P, sensed from P PA = Pressure reduced in P, sensed from A PB = Pressure reduced in P, sensed from B	A = 3 -30 Bar B = 3.5 -70 Bar C = 10-140 Bar F = 20-250 Bar Y = 1,40-7,0 bar R = 1,40-45,0 bar	H = Hand Knob K = Micrometer with keylock W = Screw with locknut	41	

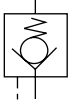
Industrial Valves - System Stack™ Valves

System Stack Valves NG 6

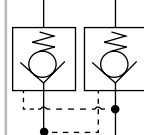
Direct Check Valves (40mm Stack Height)

Basic Model	Direction of flow	Check Location	Check Valve Opening/ Cracking Pressure	Design Number	Symbol
DGMDC-3	X = Free flow away from actuator Y = Free flow towards actuator	A = A Line B = B Line P = P line T = T line	K = 1 bar M = 2,5 bar N = 5 bar	41	


Pilot Operated Check Valves (40mm Stack Height)

Basic Model	Decompression	1st Function	Check Valve Cracking Pressure	Design Number	Symbol
DGMPC-3	D = 10:1 decompression ratio Omit if not required	AB = Check in line A, pilot operated from line B BA = Check in line B, pilot operated from line A	K = 1 bar M = 2,5 bar N = 5 bar	41	

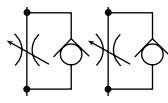
Dual Pilot Operated Check Valves (40mm Stack Height)

Basic Model	Decompression	1st Function	Check Valve Cracking Pressure	Decompression (2nd Function)	2nd Function	Check Valve Cracking Pressure (2nd Function)	Design Number	Symbol
DGMPC-3	D = 10:1 decompression ratio Omit if not required	AB = Check in line A, pilot operated from line B	K = 1 bar M = 2,5 bar N = 5 bar	D = 10:1 decompression ratio Omit if not required	BA = Check in line A, pilot operated from line B	K = 1 bar M = 2,5 bar N = 5 bar	41	

Flow Control Valves (40mm Stack Height)

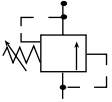
Basic Model	Direction of flow	Type of Control	Adjustment Type	Design Number	Symbol
DGMFN-3	Z P = P line flow control Z T = T line flow control Y A = A line meter out from actuator / Meter into valve Y B = B line meter out from actuator / Meter into valve X A = A line meter into actuator / Meter out from valve X B = B line meter into actuator / Meter out from valve	1 = Fine Control 2 = Standard	H = Hand Knob W = Screw with locknut	41	

Dual Flow Controls (40mm Stack Height)

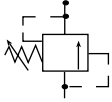
Basic Model	1st Function	Type of Control	Adjustment Type	2nd Function	Type of Control	Adjustment Type	Design Number	Symbol
DGMFN-3	YA = A line meter out from actuator / Meter into valve XA = A line meter into actuator / Meter out from valve	1 = Fine Control 2 = Standard	H = Hand Knob W = Screw with locknut	B = B line meter out from actuator / Meter into valve A = A line meter into actuator / Meter out from valve	1 = Fine Control 2 = Standard	H = Hand Knob W = Screw with locknut	41	

System Stack Valves NG 10

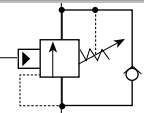
Pressure Relief Valves (50mm Stack Height)

Basic Model	Function	Pressure Adjustment Range	Adjustment Type	Gauge, Drain and Remote Ports	Design Number	Symbol
DGMC-5	PT = Pressure limited in P, discharge to T AT = Pressure limited in A, discharge to T BT = Pressure Limited in B, discharge to T AB = Pressure Limited in A, discharge to B BA = Pressure Limited in B, discharge to A	A = 4 -50 Bar B = 4 - 100 Bar F = 4 - 200 Bar G = 4 - 315 Bar	H = Hand Knob K = Micrometer with keylock W = Screw with locknut	B = 1/8"BSP	30	

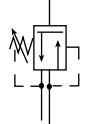
Dual Pressure Relief Valves (50mm Stack Height)

Basic Model	1st Function	Pressure Adjustment Range	Adjustment Type	2nd Function	Pressure Adjustment Range	Adjustment Type	Thread Type	Design Number	Symbol
DGMC2-5	AT = Pressure limited in A, discharge to T AB = Pressure limited in A, discharge to B	A = 4 -50 Bar B = 4 - 100 Bar F = 4 - 200 Bar G = 4 - 315 Bar	H = Hand Knob W = Screw with locknut	BT = Pressure limited in B, discharge to T BA = Pressure limited in B, discharge to A	A = 4 -50 Bar B = 4 - 100 Bar F = 4 - 200 Bar G = 4 - 315 Bar	H = Hand Knob W = Screw with locknut	B = 1/8"BSP	41	

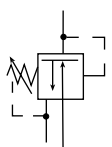
Counterbalance Valves (50mm Stack Height)

Basic Model	Function	Pilot Ratio	Pressure Adjustment Range	Adjustment Type	Design Number	Symbol
DGMR-5	A = Counterbalance in A, piloted by B B = Counterbalance in B, piloted by A	1 = 4:1 2 = 10:1	F = 60-210 Bar	H = Hand Knob K = Micrometer with keylock W = Screw with locknut	30	

Sequence Valves (60mm Stack Height)

Basic Model	Function	Pressure Adjustment Range	Adjustment Type	External Drain	Gauge Port	Design Number	Symbol
DGMR1-5	PP = Sequence control in P, controlled by pressure in P	A = 5 -50 Bar B = 5 -100 Bar F = 5-200 Bar G = 5-315 Bar	H = Hand Knob K = Micrometer with keylock W = Screw with locknut	Omit for internal drain E = External Drain	B = 1/8"BSP	30	


Pressure Reducing Valves (50mm Stack Height)

Basic Model	Function	Pressure Adjustment Range	Adjustment Type	External Drain	Thread Type	Design Number	Symbol
DGMX2-5	PP = Pressure reduced in P, sensed from P PA = Pressure reduced in P, sensed from A PB = Pressure reduced in P, sensed from B	A = 2 -50 Bar B = 8.5 -100 Bar F = 5-200 Bar G = 8.5-315 Bar	H = Hand Knob K = Micrometer with keylock W = Screw with locknut	Omit for internal drain E = External Drain	B = 1/8"BSP	30	

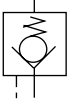
Industrial Valves - System Stack™ Valves

System Stack Valves NG 10

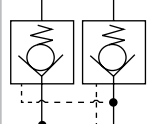
Direct Check Valves (50mm Stack Height)

Basic Model	Function	Check Valve Cracking Pressure	Design Number	Symbol
DGMDC-5	YA = A line check, free flow into the actuator XA = A line check, free flow out of the actuator YB = B line check, free flow into the actuator XB = B line check free flow out of the actuator YP = P Line check YT = T Line check	K = 1 bar M = 2,5 bar N = 5 bar	30	

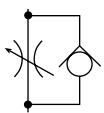
Pilot Operated Check Valves (50mm Stack Height)

Basic Model	Decompression	1st Function	Check Valve Cracking Pressure	Design Number	Symbol
DGMPC-5	D = 20:1 decompression ratio Omit if not required	AB = Check in line A, pilot operated from line B BA = Check in line B, pilot operated from line A	K = 1 bar M = 2,5 bar N = 5 bar	30	

Dual Pilot Operated Check Valves (50mm Stack Height)

Basic Model	Decompression	1st Function	Check Valve Cracking Pressure	Decompression (2nd Function)	2nd Function	Check Valve Cracking Pressure (2nd Function)	Design Number	Symbol
DGMPC-5	D = 20:1 decompression ratio Omit if not required	AB = Check in line A, pilot operated from line B	K = 1 bar M = 2,5 bar N = 5 bar	D = 20:1 decompression ratio Omit if not required	BA = Check in line A, pilot operated from line B	K = 1 bar M = 2,5 bar N = 5 bar	30	

Flow Control Valves (50mm Stack Height)

Basic Model	Direction of flow	Type of Control	Adjustment Type	Design Number	Symbol
DGMFN-5	XP = P line flow control YA = A line meter out from actuator / Meter into valve YB = B line meter out from actuator / Meter into valve XA = A line meter into actuator / Meter out from valve XB = B line meter into actuator / Meter out from valve	1 = Fine Control 2 = Standard Control	H = Hand Knob K = Micrometer with keylock W = Screw with locknut	30	

Dual Flow Control Valves (50mm Stack Height)

Basic Model	1st Function	Type of Control	Adjustment Type	2nd Function	Type of Control	Adjustment Type	Design Number	Symbol
DGMFN-5	YA = A line meter out from actuator / Meter into valve XA = A line meter into actuator / Meter out from valve	1 = Fine Control 2 = Standard	H = Hand Knob W = Screw with locknut	B = B line meter out from actuator / Meter into valve A = A line meter into actuator / Meter out from valve	1 = Fine Control 2 = Standard	H = Hand Knob W = Screw with locknut	30	