

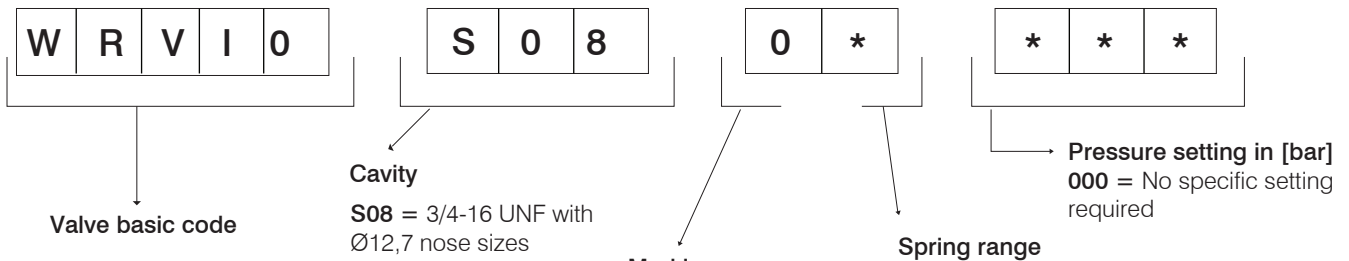
WINMAN WRVIO.S08 Serisi Relief Valves Bi-directional

WRVIO.S08 Valve Series

Technical Data

Maximum operating pressure	250 bar
Maximum flow	30 l/min
Setting Pressure	See table below
Maximum internal leakage	1 cm ³ /min to 70% of nominal set point
External component treatment	Zn/Fe - standard (96h) Zn/Ni (720h)
O-ring Temperature Range	-30° C to 110° C (standard sealing NBR - BUNA-N)
Oil Temperature Range	-30° C to 110° C
Pressure settings established	@5 l/min
Reseat pressure	nominal 90% of cracking pressure
Fluids	Mineral - based or synthetics with lubricating properties
Viscosities	7,4 to 420 cSt
Filtration	20/18/15 ISO 4406 (maximum filtration admitted)
Orientation	No restrictions
Installation torque	40-45 Nm (Hex. 24)
Tightening torque nut	10-15 Nm (Hex. 13)
Oil testing condition	ISO VG 46 cSt
Seal kit code	SK.030
Weight	0,150 kg

Ordering Code



Spring model code	Pressure setting range (bar)
Y	15-40
N	41-80
B	81-175
G	176-250

Specifications may change without notice.

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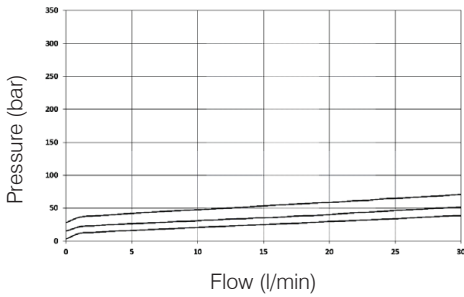
WRVI0.S08 Valve Series

Springs' Graphs

Note: The performance chart illustrates flow handling capacity for each spring bias options. p/Q curves are recorded at TOil = 40°C and 46 cSt

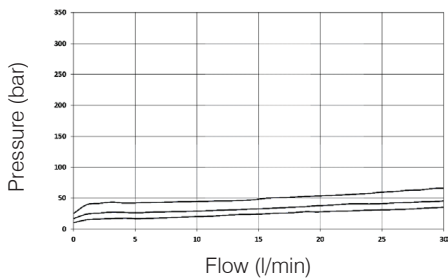
1) Spring = Y (15 - 40bar) - 1 to 2

p/Q performance



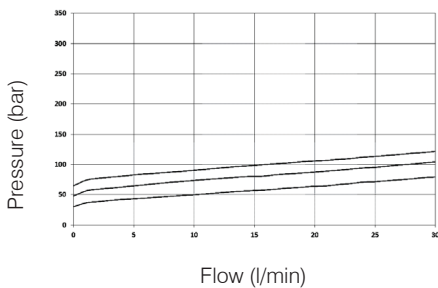
2) Spring = Y (15 - 40bar) - 2 to 1

p/Q performance



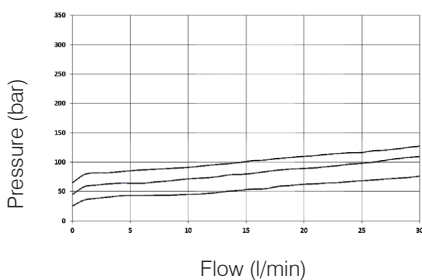
3) Spring = N (41 - 80bar) - 1 to 2

p/Q performance



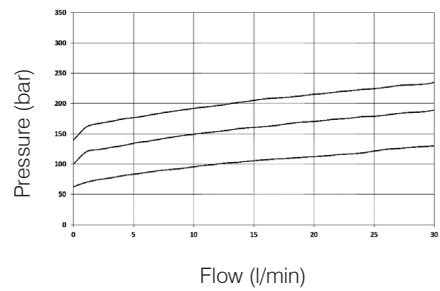
4) Spring = N (41 - 80bar) - 2 to 1

p/Q performance



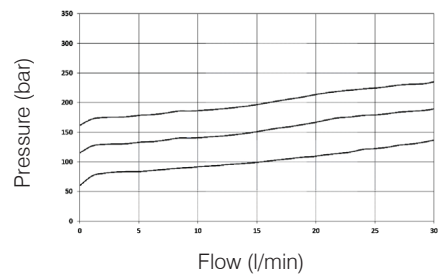
5) Spring = B (81 - 175bar) - 1 to 2

p/Q performance



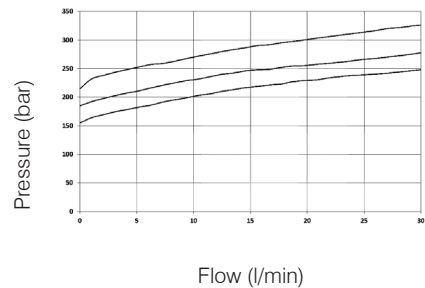
6) Spring = B (81 - 175bar) - 2 to 1

p/Q performance



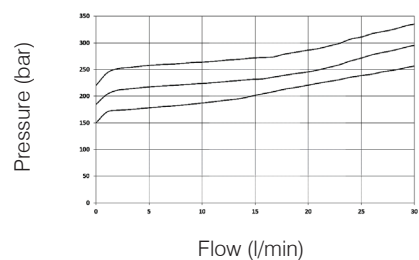
7) Spring = G (176 - 250bar) - 1 to 2

p/Q performance



4) Spring = G (176 - 250bar) - 2 to 1

p/Q performance



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