

LNRV-08

Direct-acting Relief Valve

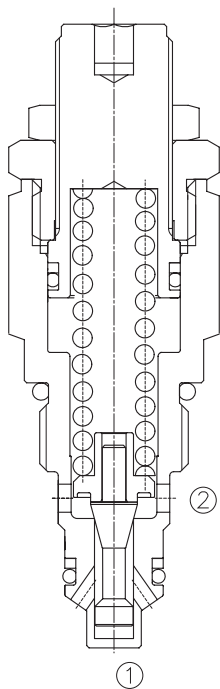
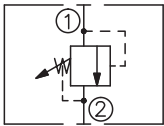
DESCRIPTION

A cartridge-style direct-acting poppet-type relief valve

OPERATION

The valve prevents flow from ① to ② until the set Cracking Pressure at ① is achieved. The poppet then unseats allowing flow from ① to ② protecting the circuit from over pressurization.

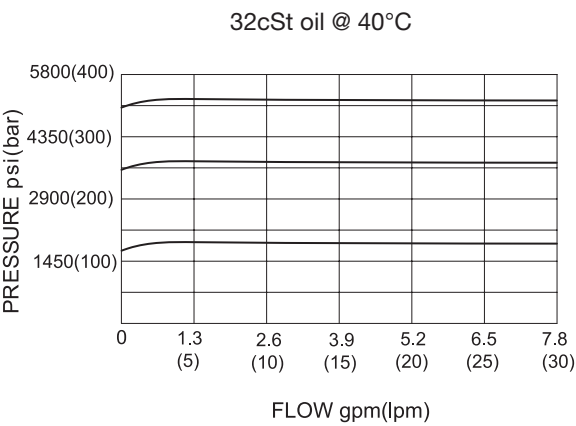
SYMBOL



SPECIFICATIONS

Operating Pressure	350bar
Flow	See PRESSURE DROP VS. FLOW graph.
Internal Leakage	5 drops/min max. to 80% of nominal setting
Reseat Pressure	80% of cracking pressure (cracking pressure at 0.95 lpm /0.25 gpm)
Standard Spring Ranges	20 to 125 bar; preset: 69 bar 40 to 180 bar; preset:138 bar 50 to 240 bar; preset:172 bar 180 to 350 bar; preset:207 bar
Temperature	-40°F to +250°F(-40°C to +120°C)
Filtration	See page N-1
Fluids	Mineral-based fluids with viscosities of 7.4 to 420 cSt.
Cavity	08-2, See page M-1
Housing Material	Steel & Ductile iron rated to 350bar

PRESSURE DROP VS.FLOW



TO ORDER

LNRV -08 - * * - * / ** - * ***

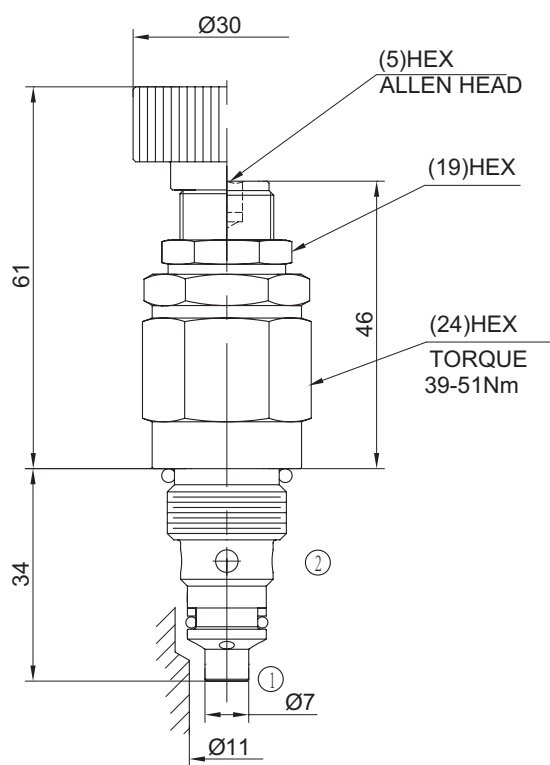
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1 Function LNRV=Direct-acting Relief Valve	4 Adjustment K=30mm Dia Knob Omit= 5mm Hex Allen Head	6 Port Size Omit=None 4T=SAE4 6T=SAE6 2G=G 1/4 3G=G 3/8
2 Size 08=08 Size	5 Optional Pressure Setting Omit=Standard Setting Example:0200=200bar	
3 Spring Ranges 18=290-1800psi(20-125bar) Preset:1000psi(69bar) 26=580-2600psi(40-180bar) Preset:2000psi(138bar) 35=725-3500psi(50-240bar) Preset:2500psi(172bar) 50=2600-5000psi(180-350bar) Preset:3000psi(207bar)		※ See page K-1 for detail of housing ※ Other port sizes are available

E

INSTALLATION DIMENSIONS

Unit=Millimeters



During installation, pilot drill Ø11mm is required with min. depth of 34mm

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ТОВАРА

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ПОСТАВЛЯЕМ ПРОДУКЦИЮ БРЕНДОВ

AKG

ATOS

BADESTNOST

BINI

DUPLOMATIC

EMMEGI

EUROFLUID

FLUID-PRESS

REXROTH

FASTER

FOX

GALTECH

GEMELS

HBS

HAWE HYDRAULIK

HV HYDRAULIC

HYDRAFORCE

KAWASAKI

KETA HYDRAULICS

MARZOCCHI POMPE

NEM

MP FILTRI

OLEOWEB

OMT

SUN HYDRAULICS

SJ TECHNOLOGY

SUNFAB

TECNORD

WANDFLUH

WALVOIL

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WINNER HYDRAULICS

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