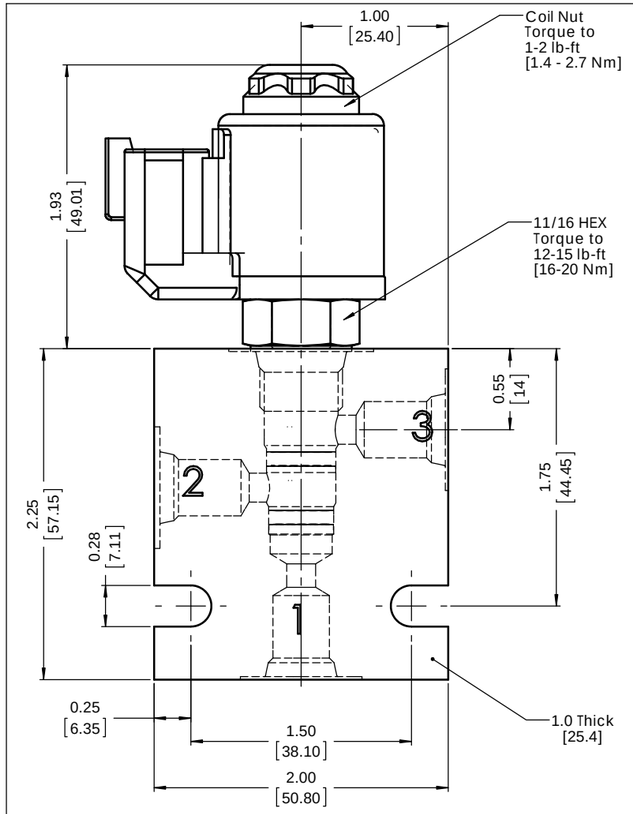
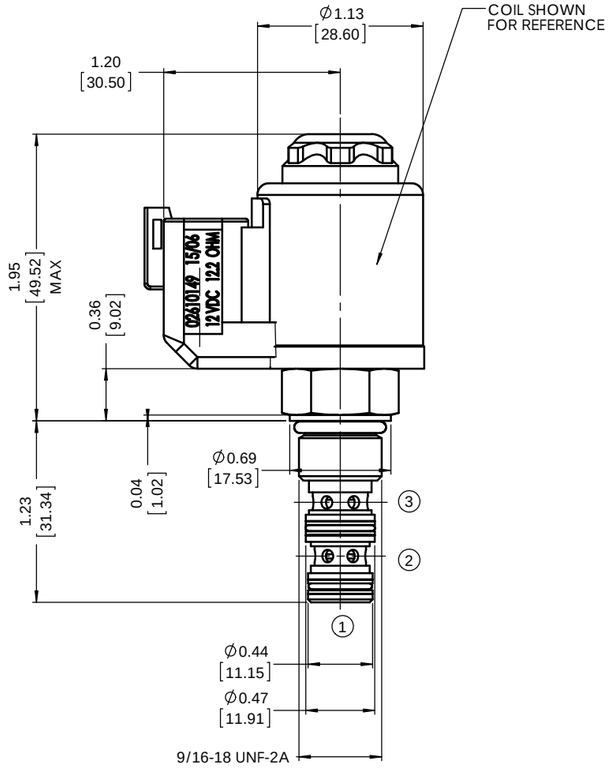
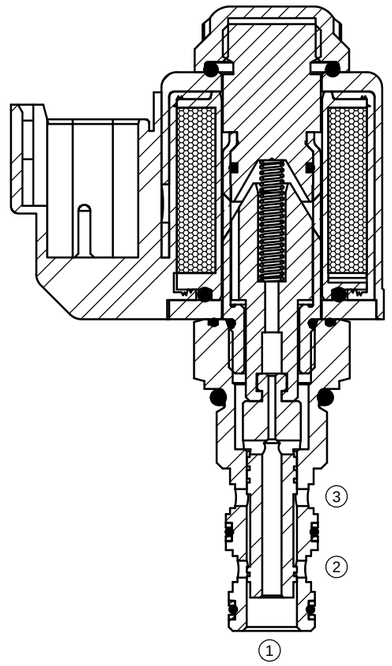
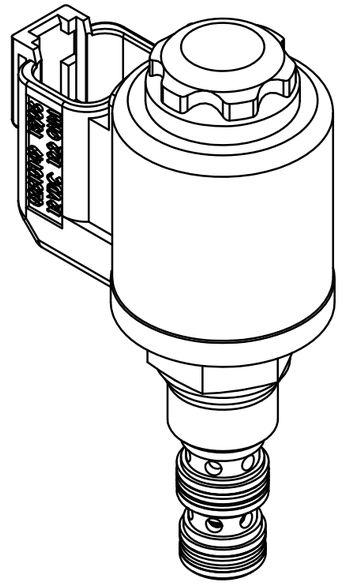








Model Code:

WK06D-01 - - C - N - 24 - DN

VALVE MODEL

OVERRIDE OPTION
blank = No manual override
M = Manual override, push type

BODY & PORTS
C = Cartridge only
AS4 = SAE-4 Ports, Aluminum Body
SS4 = SAE-4 Ports, Steel Body

SEALS
N = Buna-N
V = Viton™

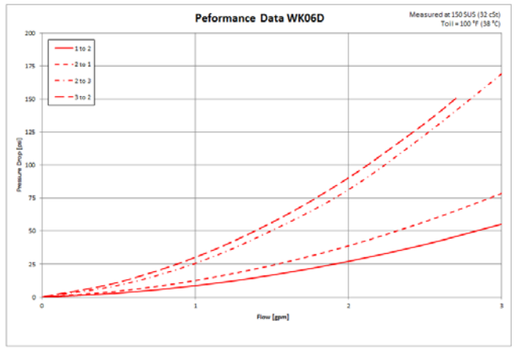
COIL VOLTAGE
0 = No coil, cartridge only
DC: 12 = 12 VDC
DC: 24 = 24 VDC
AC: 115 = 105 VDC (only available with connector DG)
AC: 230 = 205 VDC (only available with connector DG)
(All model 32-1329 coils are DC. AC models require an external diode bridge mounted outside the coil)**

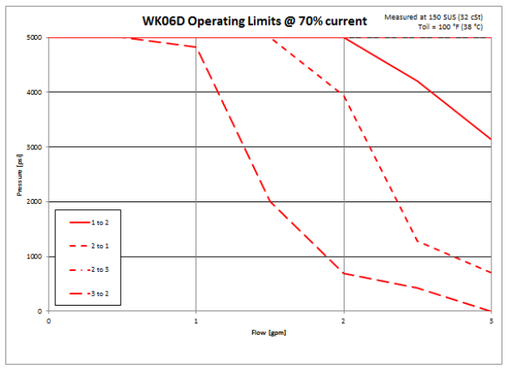
COIL CONNECTOR
DG = DIN 175301-803
DC: DL = Leadwires (2) - 18" long (46 cm)*
DC: DN = Deutsch™ DT04-2P, molded, axial (IP69K Rated)*
Use mating plug DIN 43650 form B without diode bridge for DC voltages PIN 02600570
Use mating plug DIN 43650 form B w/ diode bridge for AC voltages PIN 02600582

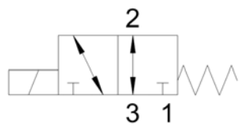
**Mating plugs sold separately

**Coils with internal Transient Suppression diode are available, consult factory.*

COIL MODEL 32-1329
For other coil connector types consult factory.







Specifications	
Operating Pressure	5000 psi (350 bar)
Nominal Flow Rate	3 gpm* (See Operating Limits)
Internal Leakage	7.5 cu in/min @ 3000 psi and 158 SUS (120 cc/min at 207 bar and 28 cSt)
Seals Material Temperature Range	Buna-N: -30° to +250°F (-34° to +121°C) Viton: -15° to +400°F (-26° to +204°C)
Ambient Coil Temperature Range	-40° to +140°F (-40° to +60°C)
Coil Duty Rating	Continuous from 85% to 155% of nominal voltage
Current Draw at 68°F (20°C)	984 mA at 12 VDC; 492 mA at 24 VDC
Minumum Pull-in Current to Operate Valve	70% of nominal amperage
Typical Response Time (Varies with Pressure and Flow)	On: 30 to 60 ms Off: 20 to 40 ms
Fluid Compatibility	Mineral-Based or Synthetics with lubricating properties
Viscosity	50 to 2000 SUS (7.4 to 420 cSt)
Filtration	21/19/16 or cleaner per (ISO 4406) Use with filter rated β10 ≥ 200
Installation	No orientation restrictions
Cavity	FC06-3 (See Line Bodies and Cavities Section)
Cavity Tools	Rougher - 02582050 Finisher - 02582051
Cartridge Weight	3.0 oz (85 grams)
Coil Weight	3.1 oz (88 grams)
Cartridge Material	Steel with hardened work surfaces. Zinc plate exposed surfaces. Buna N or Viton™ o-rings. Solid Thermoplastic Polyester back-up rings
Coil Material	Class N, 200°C high temperature magnet wire, steel shell, polyamide encapsulation, Zinc Nickel plating.
Seal Kits	Buna-N FS062-N P/N: 02610184 Viton™ FS062-V P/N: 02610185

REV	CHANGE NUMBER	DATE	BY
A	original	09-14-14	CS
02	-	08-19-14	CS
01	-	08-02-13	MMB

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES [mm]
ANGULAR ± 2 DEGREES
LINEAR TOLERANCES:
FRACTIONAL ± .015
TWO PLACE DECIMAL ± .01
THREE PLACE DECIMAL ± .005
SURFACE FINISH √ 125 RMS
BREAK EDGES .005/.002
SQUARENESS WITHIN .005
T.I.R. OF COMMON AXIS FEATURES .010 MAX.

MATERIAL:	SolidWorks 2014	NAME	DATE
PER ASS'Y DWG 02601453	DRAWN	MMB	08-02-13
HEAT TREAT: NONE	CHECKED	CS	09-14-14
	APPROVED	CMW	09-14-14
FINISH: NONE	ANSI Y14.5 DO NOT SCALE	THIRD ANGLE PROJECTION	

HYDAC Hydraulic Division
Glendale Heights, Illinois, USA

TITLE:
WK06D-01-C-X-0
SOLENOID VALVE 3W2P

SIZE	DWG. NO.	STATUS
C	02610735	A

SCALE: 2:1 WEIGHT: lbs SHEET 1 OF 1