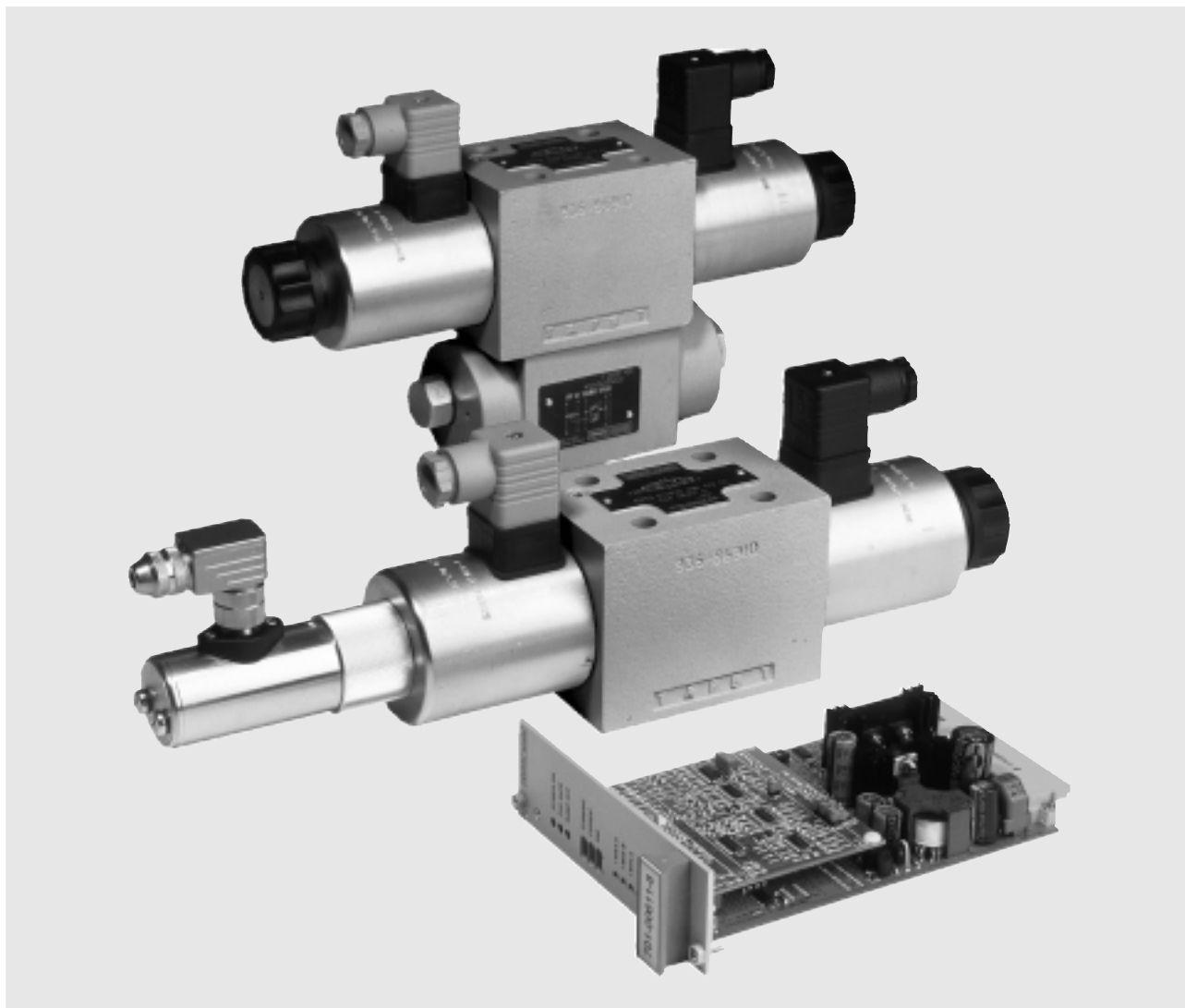




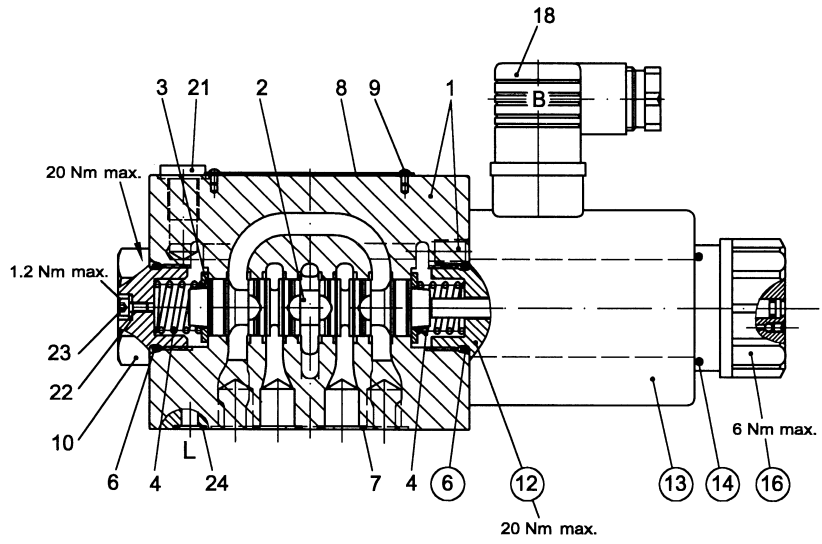
# DENISON HYDRAULICS Proportional Directional Valves

Series 4DP02 – Design B – Cetop 05

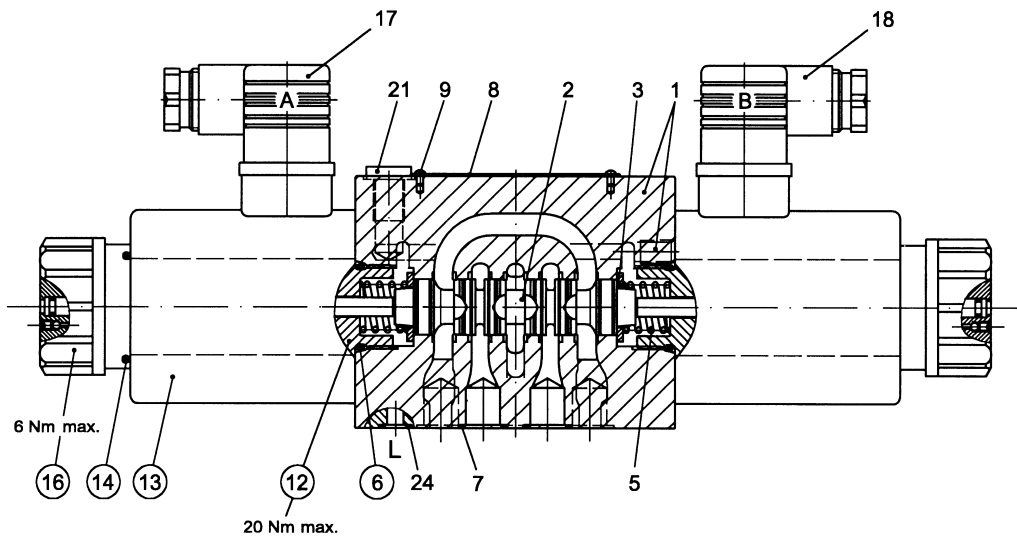


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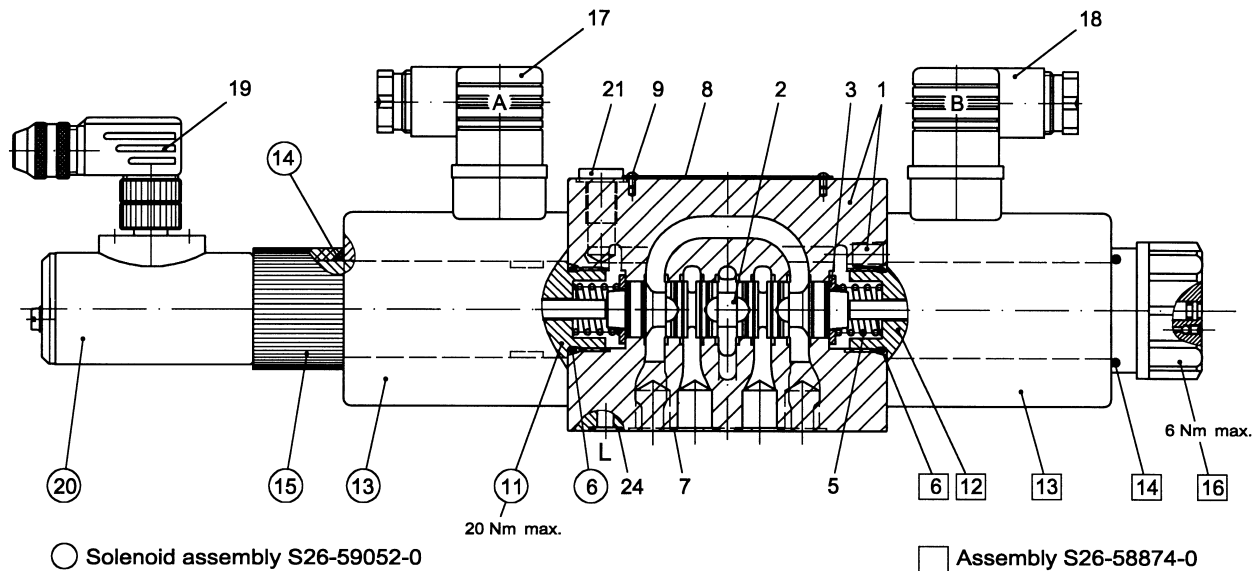
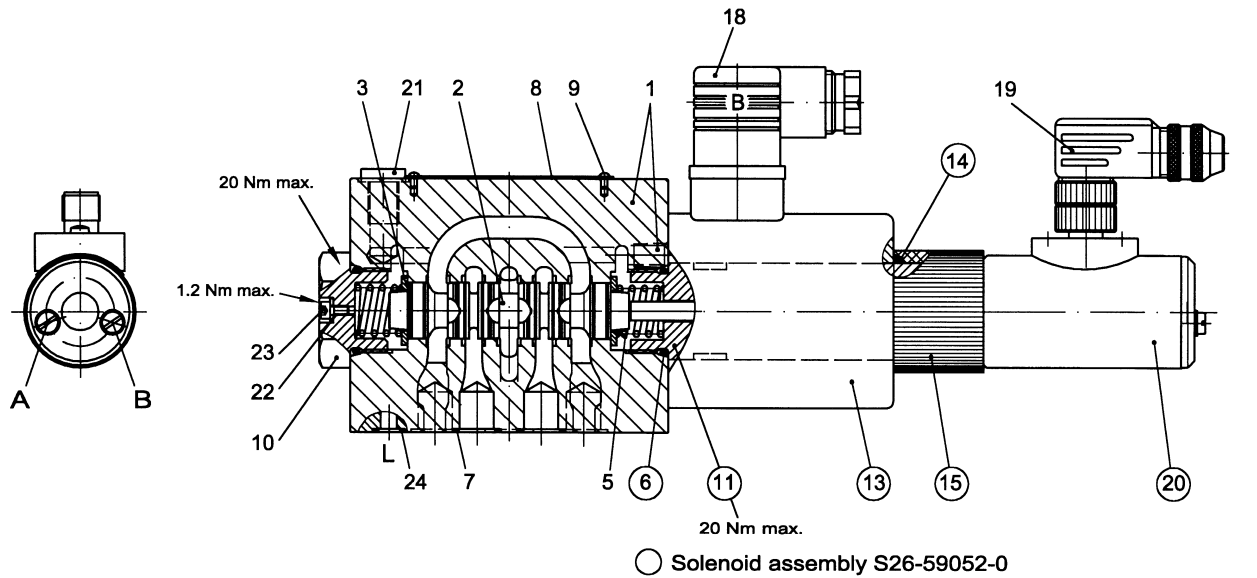
**DENISON** Hydraulics



○ Solenoid assembly S26-58874-0



○ Solenoid assembly S26-58874-0



A = **Null Adjustment:** Factory preset at neutral position. Current output 12 mA.

**Nullpunkteinstellung:** Werksseitig in der Mittelstellung auf 12 mA eingestellt.

**Point 0:** Prérèglé en usine au point milieu 12 mA.

**Regolazione Posizione di Zero:** Tarata in fabbrica sul punto centrale 12 mA.

**Ajuste punto cero:** Preajustado en factoria al centro 12 mA.

B = **Amplifier:** The LVDT setting is factory preset and sealed. Breaking the seal voids warranty.

**Verstärkung:** Versiegelte Werkseinstellung des Wegaufnehmers. Bei Eingriff erlischt Garantieanspruch.

**Amplificateur:** Le LVDT est prérèglé en usine et scellé. La rupture de ce scellement supprime la garantie sur l'appareil.

**Amplificazione:** Trasduttore tarato e sigillato in fabbrica. Rompendo il sigillo la garanzia decade.

**Amplificador:** El ajuste del LVDT se realiza en factoria y viene precintado. La rotura del precinto anula la garantia.

Item Pos. Réf.	English	Deutsch	Français	Italiano	Español	Part No. Teil - Nr. Code No. Cod. No. Código	Qty. Stck. Qté. Qtà. Ctd.
1	Body without drain port L	Gehäuse ohne Leckölanschluss L	Corps sans orifice drain L	Corpo sin connessione di drenaggio L	Cuerpo sin orificio de drenaje L	S26-59046-0	1
	Body with drain port L	Gehäuse mit Leckölanschluss L	Corps avec orifice drain L	Corpo con connessione di drenaggio L	Cuerpo con orificio de drenaje L	S26-59084-0	1
2	Spool type 02 & 12 (F40)	Kolbentyp 02 + 12 (F40)	Tiroir-Type 02 et 12 (F40)	Cursore-Tipo 02 e 12 (F40)	Correderas 02 y 12 (F40)	036-86490-0	1
	Spool type 02 & 12 (F60)	Kolbentyp 02 + 12 (F60)	Tiroir-Type 02 et 12 (F60)	Cursore-Tipo 02 e 12 (F60)	Correderas 02 y 12 (F60)	036-86732-0	1
	Spool type 02 & 12 (F80)	Kolbentyp 02 + 12 (F80)	Tiroir-Type 02 et 12 (F80)	Cursore-Tipo 02 e 12 (F80)	Correderas 02 y 12 (F80)	036-86492-0	1
	Spool type 43 & 13 (F40)	Kolbentyp 43 + 13 (F40)	Tiroir-Type 43 et 13 (F40)	Cursore-Tipo 43 e 13 (F40)	Correderas 43 y 13 (F40)	036-86493-0	1
	Spool type 43 & 13 (F60)	Kolbentyp 43 + 13 (F60)	Tiroir-Type 43 et 13 (F60)	Cursore-Tipo 43 e 13 (F60)	Correderas 43 y 13 (F60)	036-86733-0	1
	Spool type 43 & 13 (F80)	Kolbentyp 43 + 13 (F80)	Tiroir-Type 43 et 13 (F80)	Cursore-Tipo 43 e 13 (F80)	Correderas 43 y 13 (F80)	036-86495-0	1
3	Spring washer	Federteller	Rondelle d'appui	Guida molla	Guia muelle	036-86301-0	2
4	Spring (blue)	Feder (blau)	Ressort (bleu)	Molla (blu)	Muelle (azul)	036-80410-0	2
5	Spring (white)	Feder (weiß)	Ressort (blanc)	Molla (bianco)	Muelle (blanco)	036-80409-0	2
6	O-Ring NBR	Runddichtring NBR	Joint torique NBR	O-Ring NBR	Tórica NBR	691-00119-0	2
	O-Ring FPM	Runddichtring FPM	Joint torique FPM	O-Ring FPM	Tórica FPM	695-00119-0	2
7	O-Ring NBR	Runddichtring NBR	Joint torique NBR	O-Ring NBR	Tórica NBR	691-00014-0	5
	O-Ring FPM	Runddichtring FPM	Joint torique FPM	O-Ring FPM	Tórica FPM	695-00014-0	5
8	Name plate	Typenschild	Plaque d'identification	Targhetta di identificazione	Placa nomenclatura	036-84770-0	1
9	Drive screw	Kerbnagel	Rivet	Rivetto	Remache	320-10203-0	2
10	Plug	Verschlussschraube	Bouchon	Tappo	Tapón	036-86825-0	1
11	Tube cartridge	Ankerrohr	Manchon d'induit	Cannotto	Tube solenoide	120-03048-8	1
12	Tube cartridge	Ankerrohr	Manchon d'induit	Cannotto	Tube solenoide	120-03047-8	1/2
13	Coil 12 V DC	Spule 12 V =	Solénoïde 12 V CC	Bobina 12 V CC	Bobina 12 V CC	121-00869-8	1/2
14	O-Ring NBR	Runddichtring NBR	Joint torique NBR	O-Ring NBR	Tórica NBR	605-00122-8	1/2
15	Nut	Mutter	Ecrou	Dado	Tuerca	340-01049-8	1
16	Nut	Mutter	Ecrou	Dado	Tuerca	340-01050-8	1/2
17	Plug-in connector "A" (grey)	Gerätesteckdose "A" (grau)	Prise embrochable "A" (grise)	Connettore "A" (grigio)	Conector "A" (gris)	167-01007-8	1
18	Plug-in connector "B" (black)	Gerätesteckdose "B" (schwarz)	Prise embrochable "B" (noire)	Connettore "B" (nero)	Conector "B" (negro)	167-01008-8	1
19	Connector	Winkeldose	Connecteur	Connettore	Conector	167-01106-8	1
20	Transducer	Wegaufnehmer	Transducteur	Trasduttore	Transductor	168-00434-8	1
21	Plug G1/8" (NBR)	Verschlussschraube G1/8" (NBR)	Bouchon G1/8" (NBR)	Tappo G1/8" (NBR)	Tapón G1/8" (NBR)	447-00008-8	1
	Plug G1/8" (FPM)	Verschlussschraube G1/8" (FPM)	Bouchon G1/8" (FPM)	Tappo G1/8" (FPM)	Tapón G1/8" (FPM)	447-00039-8	1
22	Seal	Dichtring	Joint	Guarnizione	Junta	635-00004-8	1
23	Screw	Schraube	Vis	Vite	Tornillo Allen	361-00036-8	1
24	O-Ring NBR	Runddichtring NBR	Joint torique NBR	O-Ring NBR	Tórica NBR	691-00010-0	1
	O-Ring FPM	Runddichtring FPM	Joint torique FPM	O-Ring FPM	Tórica FPM	695-00010-0	1

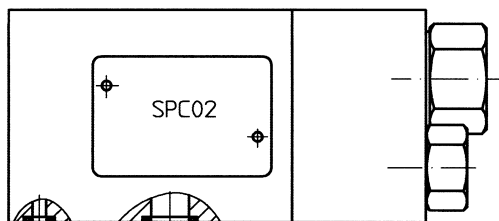
Item Pos. Réf.	<i>English</i>	<i>Deutsch</i>	<i>Français</i>	<i>Italiano</i>	<i>Español</i>	Part No. Teil - Nr. Code No. Cod. No. Código	Qty. Stck. Qté. Qtà. Ctd.
	<b>Seal Kits:</b>	<b>Dichtringsätze:</b>	<b>Pochettes de joints:</b>	<b>Serie guarnizioni:</b>	<b>Juegos de Juntas:</b>		
	Seals (NBR-S1)	Dichtringe (NBR-S1)	Joints (NBR-S1)	Guarnizioni (NBR-S1)	Juntas (NBR-S1)	S26-34467-0	1
	Seals (FPM-S5)	Dichtringe (FPM-S5)	Joints (FPM-S5)	Guarnizioni (FPM-S5)	Juntas (FPM-S5)	S26-34467-5	1

## SERVICE INFORMATION

Pressure compensators SPC02  
Druckwaagen SPC02  
Compensateurs de pression SPC02  
Compensatori di pressione SPC02  
Válvulas de compensación SPC02

Cartridges for Patronen für Cartouches pour Cartuccia per Cartuchos para	Part No. Bestell-Nr. Désignation Codice Código
SPC02 01 04	517-00266-8
01 05	517-00267-8
01 10	517-00268-8
SPC02 11 05	517-00265-8
12 05	517-00265-8

Seal kit NBR  
Dichtringsatz NBR  
Pochette de joints NBR S26-43903-0  
Serie guarnizioni NBR  
Juego de juntas NBR



**Model No.:** 4DP02 - . . .. ... - .. **B** . **-G12** **C1** - ..

1 2 3 4 5 6 7 8 9 10 11

**1 Series** \_\_\_\_\_  
02 = Cetop 05

**2 Body** \_\_\_\_\_  
3 = Standard body  
L = body with drain port "L"  
(always connect "L" to tank when T > 210 bar)

**3 Control** \_\_\_\_\_  
E = solenoid operation without position feedback  
T = solenoid operation with position feedback

**4 Spool Type** \_\_\_\_\_

Spool Position 03		Spool Position 06		Spool Position 05	
02		12		12	
43		13		13	

**5 Flow** P-A; B-T or P-B; A-T \_\_\_\_\_  
(at 5 bar Δ p for each spool edge)  
F40 = 40 l/min  
F60 = 60 l/min  
F80 = 80 l/min

**6 Spool Position** \_\_\_\_\_  
03 = 3 (a, o, b), spring centred pos. "o"  
05 = 2 (o, b), spring centred pos. "o", energized to "b"  
06 = 2 (o, a), spring centred pos. "o", energized to "a"

**7 Design Letter** \_\_\_\_\_

**8 Seal Class** \_\_\_\_\_  
1 = NBR seals  
5 = FPM seals (Viton®)

**9 Solenoid Voltage** \_\_\_\_\_  
G12 = 12 V DC

**10 Electrical Connector** \_\_\_\_\_  
without code = connector not supplied  
C1 = connector PG 11 (for valves without position feedback)  
connector PG 11 + connector for position feedback Ø 6 mm

**11 Modification** \_\_\_\_\_

Rights of alteration reserved. Änderung vorbehalten. Sous réserve d'éventuelles modification.  
Con riserva di modifica. Modificaciones posibles dentro de interés de una mejora.