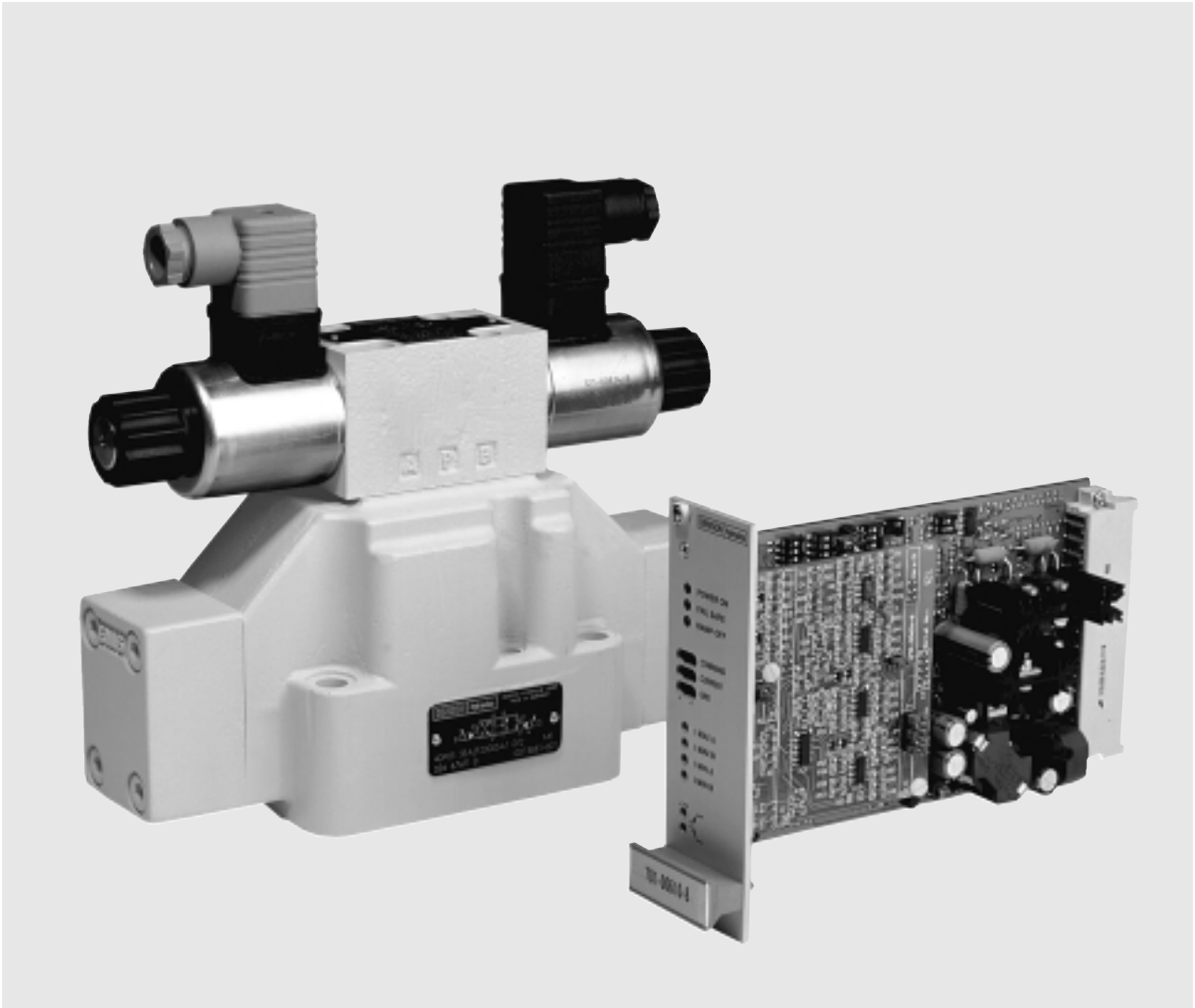




# DENISON HYDRAULICS

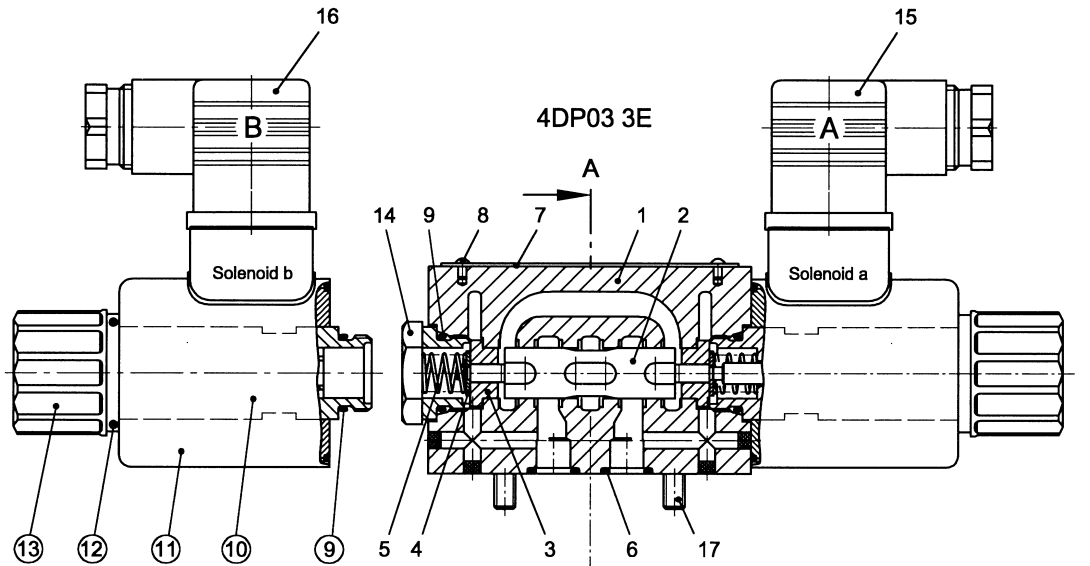
## Proportional Directional Valves Cetop 07

### Series 4DP03-E/H

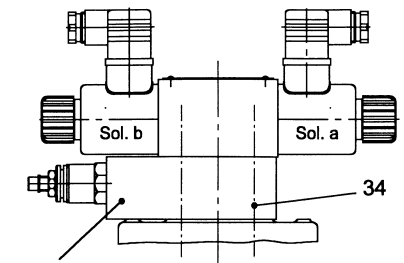
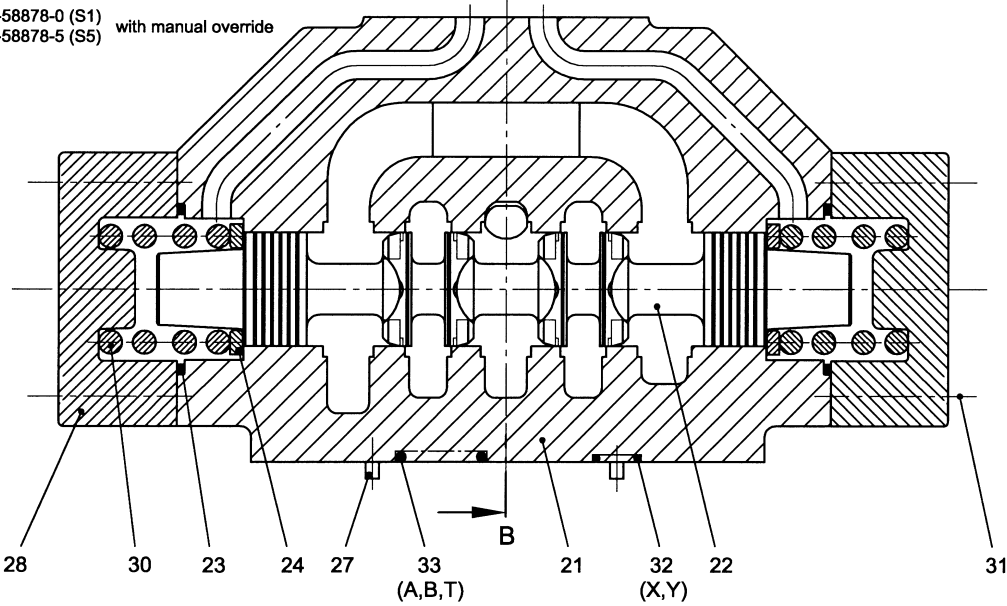


Publ. S4-ML 3600-A, replaces S4-ML 360-A

**DENISON** Hydraulics

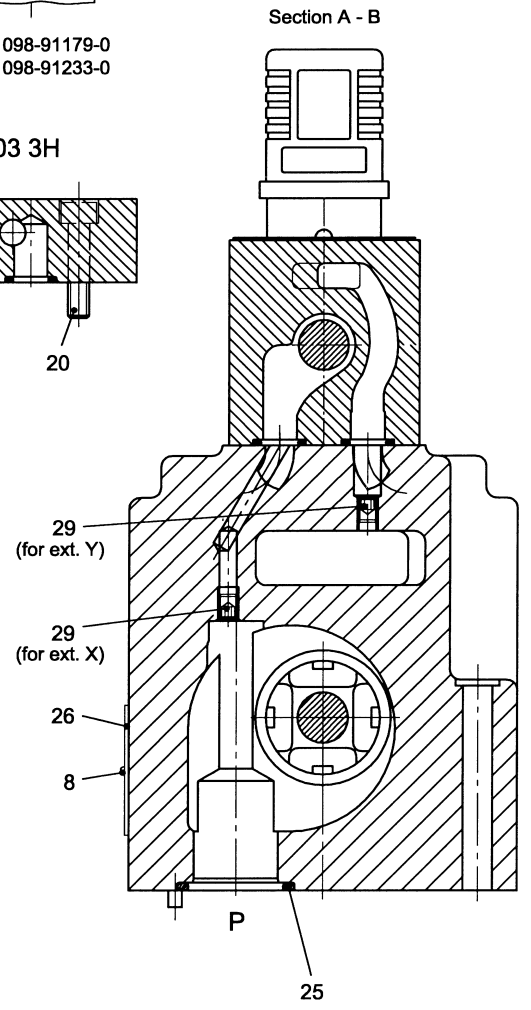
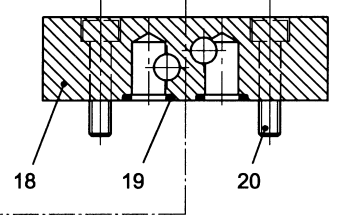


- S26-58941-0 (S1) without manual override
- S26-58941-5 (S5) without manual override
- S26-58878-0 (S1) with manual override
- S26-58878-5 (S5) with manual override



ZDR-P01-1-S0-D1 (S1) / 098-91179-0  
 ZDR-P01-1-S0-D5 (S5) / 098-91233-0



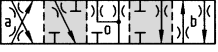
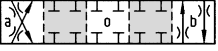
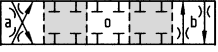
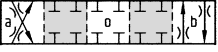
4DP03 3H



Item Pos. Réf.	English	Deutsch	Français	Italiano	Español	Part No. Teil - Nr. Code No. Cod. No. Código	Qty. Stck. Qté. Qtà. Ctd.
1	Body	Gehäuse	Corps	Corpo	Cuerpo	036-86667-0	1
2	Spool 25 bar	Kolben 25 bar	Tiroir 25 bar	Cursore 25 bar	Corredera 25 bar	036-86700-0	1
3	Stroke limiter	Hubbegrenzung	Limiteur de course	Limitatore della corsa	Limitador de elevación	036-86703-0	2
4	Washer	Federteller	Coupelle de retenue	Guida molla	Arandela elástica	036-86673-0	2
5	Spring	Feder	Ressort	Molla	Muelle	036-84748-0	2
6	O-Ring NBR (S1)	Runddichtring NBR (S1)	Joint torique NBR (S1)	O-Ring NBR (S1)	Tórica NBR (S1)	691-00012-0	4
	O-Ring FPM (S5)	Runddichtring FPM (S5)	Joint torique FPM (S5)	O-Ring FPM (S5)	Tórica FPM (S5)	695-00012-0	4
7	Name plate	Typenschild	Plaque d'identification	Targhetta di identificazione	Placa Nomenclatura	036-84770-0	1
8	Rivet	Kerbnagel	Rivet	Rivetto	Remache	320-10203-0	2, 4
9	O-Ring NBR (S1)	Runddichtring NBR (S1)	Joint torique NBR (S1)	O-Ring NBR (S1)	Tórica NBR (S1)	605-00024-8	2
	O-Ring FPM (S5)	Runddichtring FPM (S5)	Joint torique FPM (S5)	O-Ring FPM (S5)	Tórica FPM (S5)	605-00043-8	2
10	Tube cartridge	Ankerrohr	Manchon d'induit	Insieme canotto	Conjunto tubo solenoide	120-03046-8	1, 2
11	Coil 12 VDC	Spule 12 VDC	Bobine 12 V C.C.	Bobina 12 V C.C.	Bobina 12 V C.C.	121-00814-8	1, 2
12	O-Ring NBR (S1)	Runddichtring NBR (S1)	Joint torique NBR (S1)	O-Ring NBR (S1)	Tórica NBR (S1)	605-00106-8	1, 2
13	Nut (for version with manual override)	Mutter (für Ausführung mit Nothandbetätigung)	Ecrou (pour type avec secours manuel)	Dado (per tipo con comando manuale)	Tuerca (para tipo con actuador manual)	340-01046-8	1, 2
	Nut (for version without manual override)	Mutter (für Ausführung ohne Nothandbetätigung)	Ecrou (pour type sans secours manuel)	Dado (per tipo senza comando manuale)	Tuerca (para tipo sin actuador manual)	036-86776-0	1, 2
14	Plug	Verschlusschraube	Bouchon	Tappo	Tapón	036-86734-0	1
15	Plug-in connector "A" (grey)	Gerätesteckdose "A" (grau)	Prise embrochable "A" (grise)	Connettore "A" (grigio)	Conector "A" (gris)	167-01007-8	1
16	Plug-in connector "B" (black)	Gerätesteckdose "B" (schwarz)	Prise embrochable "B" (noire)	Connettore "B" (nero)	Conector "B" (negro)	167-01008-8	1
17	Screw M5 x 30	Schraube	Vis	Vite	Tornillo Allen	700-70834-8	4
18	Top cover	Abschlußkappe	Couvercle	Piastra di chiusura	Placa	036-81146-0	1
19	O-Ring NBR (S1)	Runddichtring NBR (S1)	Joint torique NBR (S1)	O-Ring NBR (S1)	Tórica NBR (S1)	691-00012-0	4
	O-Ring FPM (S5)	Runddichtring FPM (S5)	Joint torique FPM (S5)	O-Ring FPM (S5)	Tórica FPM (S5)	695-00012-0	4
20	Screw M5 x 22	Schraube	Vis	Vite	Tornillo Allen	361-07644-8	4
21	Body	Gehäuse	Corps	Corpo	Cuerpo	036-86795-0	1
22	Spool type 43 (F100)	Kolben Typ 43 (F100)	Tiroir-Type 43 (F100)	Cursore-Tipo 43 (F100)	Corredera 43 (F100)	036-86596-0	1
	Spool type 43 (F130)	Kolben Typ 43 (F130)	Tiroir-Type 43 (F130)	Cursore-Tipo 43 (F130)	Corredera 43 (F130)	036-86788-0	1
	Spool type 43 (F200)	Kolben Typ 43 (F200)	Tiroir-Type 43 (F200)	Cursore-Tipo 43 (F200)	Corredera 43 (F200)	036-86595-0	1
	Spool type 02 (F100)	Kolben Typ 02 (F100)	Tiroir-Type 02 (F100)	Cursore-Tipo 02 (F100)	Corredera 02 (F100)	036-86598-0	1
	Spool type 02 (F130)	Kolben Typ 02 (F130)	Tiroir-Type 02 (F130)	Cursore-Tipo 02 (F130)	Corredera 02 (F130)	036-86789-0	1
	Spool type 02 (F200)	Kolben Typ 02 (F200)	Tiroir-Type 02 (F200)	Cursore-Tipo 02 (F200)	Corredera 02 (F200)	036-86597-0	1
	Spool type A2 + B2 (F200)	Kolben Typ A2 + B2 (F200)	Tiroir-Type A2 + B2 (F200)	Cursore-Tipo A2 + B2 (F200)	Correderas A2 + B2 (F200)	036-86787-0	1
	Spool type A3 + B3 (F200)	Kolben Typ A3 + B3 (F200)	Tiroir-Type A3 + B3 (F200)	Cursore-Tipo A3 + B3 (F200)	Correderas A3 + B3 (F200)	036-86786-0	1
23	O-Ring NBR (S1)	Runddichtring NBR (S1)	Joint torique NBR (S1)	O-Ring NBR (S1)	Tórica NBR (S1)	691-00127-0	2
	O-Ring FPM (S5)	Runddichtring FPM (S5)	Joint torique FPM (S5)	O-Ring FPM (S5)	Tórica FPM (S5)	695-00127-0	2

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.
24	Washer	Federteller	Coupelle de retenue	Guida molla	Arandela elástica	036-86361-0	2
25	O-Ring NBR (S1)	Runddichtring NBR (S1)	Joint torique NBR (S1)	O-Ring NBR (S1)	Tórica NBR (S1)	691-00119-0	1
	O-Ring FPM (S5)	Runddichtring FPM (S5)	Joint torique FPM (S5)	O-Ring FPM (S5)	Tórica FPM (S5)	695-00119-0	1
26	Name plate	Typenschild	Plaque d'identification	Targhetta di identificazione	Placa Nomenclatura	036-84775-0	1
27	Roll pin	Spannstift	Pied de positionnement	Spina elastica	Espiga elástica	700-72142-0	2
28	End cap	Enddeckel	Chapeau	Coperchio	Tapa	036-86376-0	2
29	Plug M6	Stopfen M6	Bouchon M6	Tappo M6	Tapón M6	447-00012-8	2
30	Spring	Feder	Ressort	Molla	Muelle	036-80004-0	2
31	Screw M8 x 35	Schraube	Vis	Vite	Tornillo Allen	361-10234-8	8
32	O-Ring NBR (S1)	Runddichtring NBR (S1)	Joint torique NBR (S1)	O-Ring NBR (S1)	Tórica NBR (S1)	691-00013-0	2
	O-Ring FPM (S5)	Runddichtring FPM (S5)	Joint torique FPM (S5)	O-Ring FPM (S5)	Tórica FPM (S5)	695-00013-0	2
33	O-Ring NBR (S1)	Runddichtring NBR (S1)	Joint torique NBR (S1)	O-Ring NBR (S1)	Tórica NBR (S1)	691-00118-0	3
	O-Ring FPM (S5)	Runddichtring FPM (S5)	Joint torique FPM (S5)	O-Ring FPM (S5)	Tórica FPM (S5)	695-00118-0	3
34	Screw M5 x 70	Schraube	Vis	Vite	Tornillo Allen	361-07303-8	4
	<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)	S26-58600-0	1
	Seals (FPM-S5)	Dichtringe (FPM-S5)	Joints (FPM-S5)	Guarnizioni (FPM-S5)	Juntas (FPM-S5)	S26-58600-5	1
	<b>Seal Kits for ZDR</b>	<b>Dichtringsätze für ZDR</b>	<b>Pochettes de joints pour ZDR</b>	<b>Serie guarnizioni per ZDR</b>	<b>Juegos de Juntas para ZDR</b>		
	Seals (NBR-S1)	Dichtringe (NBR-S1)	Joints (NBR-S1)	Guarnizioni (NBR-S1)	Juntas (NBR-S1)	098-91184-0	1
	Seals (FPM-S5)	Dichtringe (FPM-S5)	Joints (FPM-S5)	Guarnizioni (FPM-S5)	Juntas (FPM-S5)	098-91185-0	1

**Model Number:** 4DP03 3 . \*\* \*\*\*\* \*\* A . ... \*\* \*\* \*\* \*\*

1	Series	03 = Cetop 07
2	Body	3 = Standard
3	Type of Control	E = Electro-hydraulic H = Hydraulic
4	Spool Type	<p>02  P→A; B→T or P→B; A→T = Q</p> <p>A2  P→A = 1/2 Q; B→T = Q or P→B = Q; A→T = 1/2 Q</p> <p>B2  P→A = Q; B→T = 1/2 Q or P→B = 1/2 Q; A→T = Q</p> <p>43  P→A; B→T or P→B; A→T = Q</p> <p>A3  P→A = 1/2 Q; B→T = Q or P→B = Q; A→T = 1/2 Q</p> <p>B3  P→A = Q; B→T = 1/2 Q or P→B = 1/2 Q; A→T = Q</p>
5	Flow P→A; B→T or P→B; A→T	<p>F100 = 100 l/min } not available for spools A2, A3, B2 and B3                  F130 = 130 l/min }                  F200 = 200 l/min }                  (at Δp = 5 bar per spool edge)</p>
6	Spool Position	<p>03 = 3 (a, o, b), spring centred, spool in "o"-position                  05 = 2 (o, b), spring centred, spool in "o"-position                  06 = 2 (o, a), spring centred, spool in "o"-position</p>
7	Design Letter	A
8	Seal Class	1 = NBR (Buna N) Standard 5 = Viton®
9	Solenoid Voltage	G12 = 12 V DC
10	Electrical Connector	w/o code = connector not supplied C1 = connector PG 11
11	Main Valve – Pilot Connections	w/o code = X, Y external X = internal X, external Y Y = external X, internal Y XY = internal X, internal Y
12	Hydraulic Accessories	w/o code = w/o pressure reducing valve (pilot pressure X < 105 bar) R1 = with pressure reducing valve (pilot pressure X > 105 bar)
13	Modifications	N0 = without manual override

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