

**RELEASED DRAWING**

PROVISIONAL - DRAWING FOR REVIEW ONLY NOT FOR MANUFACTURING PURPOSES  
 PROTOTYPE - DRAWING FOR SMALL PROTOTYPE BATCHES  
 RELEASED - DRAWING FOR PRODUCTION BATCHES

THIRD ANGLE PROJECTION

**CAUTION:**  
 RELIEF VALVES WILL REQUIRE  
 RE-SETTING AFTER RE-ASSEMBLY

ALTERNATIVE  
 RELIEF VALVES  
 V1835  
 V2022  
 V5540

ALTERNATIVES

SPRING HOUSING  
 27mm A/F HEX  
 TORQUE TO 27 N/m

STOP BOLT  
 7/16" A/F HEX  
 APPLY 'SCREWLOCK 101'  
 OR EQUIVALENT  
 TORQUE TO 8N/m

APPLY 'SCREWLOCK 101'  
 OR EQUIVALENT

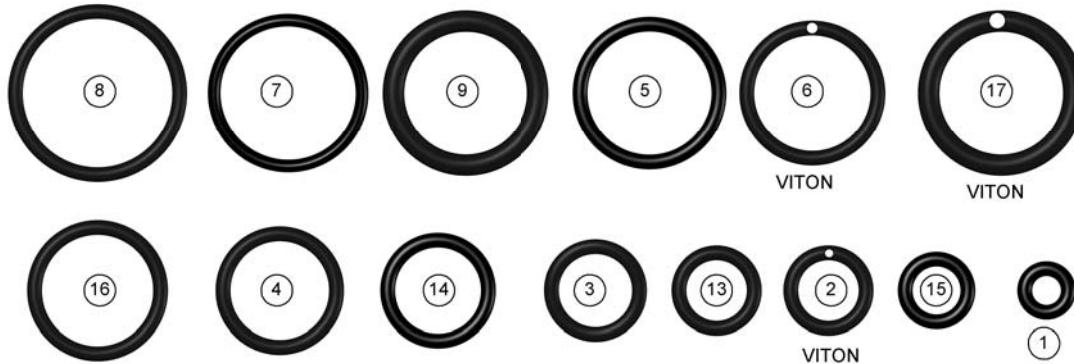
M6 CAP SCREWS  
 5mm A/F ALLEN KEY  
 TORQUE TO 8.1 N/m

ALTERNATIVE  
 USE WHERE END FACE  
 IS MARKED "L"

TIE STUDS  
 13mm A/F HEX  
 TORQUE TO 13.5 N/m

SEALS ACTUAL SIZE  
 FOR IDENTIFICATION  
 WHEN PRINTED A4

ITEM	PART NUMBER	DWG NO.	DESCRIPTION	STOCK CODE	QTY
1	200-007-4490		O RING	V02499	4
2	200-011-9775		O RING - VITON	V03030	1
3	200-012-4485		O RING	000540	1
4	200-014-4490		O RING	V02560	7
5	200-016-4490		O RING	V02580	2
6	200-016-9775		VITON O RING	V03080	1
7	200-017-4490		O RING	V02590	1
8	200-018-4490		O RING	V02600	1
9	200-114-4490		O RING	V02920	1
10	BS011		SPIRAL BACK-UP	V04030	1
11	V2007	V2007	SPOOL SEAL SLIP RING	V04510	1
12	B1001.08	B1001	S SECTION COPPER WASHER	V05200	1
13	200-011-4470		O RING	V02450	1
14	200-013-4490		O RING	V02550	1
15	200-010-4490		O RING	V02520	1
16	200-015-4490		O RING	V02570	1
17	200-114-9775		VITON O RING	V03110	1



INCLUDE A COPY OF THIS DRAWING IN WITH THE SEAL KIT

- ENSURE APRTS ARE CLEAN BEFORE ASSEMBLY
- LIGHTLY OIL PARTS AND SEALS TO AID ASSEMBLY

**Hy-Pro**  
 motion and control solutions  
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 DOCUMENT: hypro.slddrw

TOLERANCES  
 UNLESS OTHERWISE STATED  
 DECIMAL None +/- 1 mm  
 DECIMAL 0.0 +/- 0.25mm  
 DECIMAL 0.00 +/- 0.10mm  
 ANGLES +/- 0.5°  
 REFER BS308 PARTS 1 TO 3  
 ALL DIMENSIONS IN mm

MATERIAL  
 TREATMENT  
 DESCRIPTION  
 HYPRO MANUFACTURING QUALITY STANDARDS APPLY  
 DO NOT SCALE IF IN DOUBT ASK  
 HYDRAULIC PROJECTS LTD. 01626 863634  
 www.hypro.co.uk enquiries@hypro.co.uk

SHEET SCALE  
 1:5  
 APPROX. SCALE  
 WHEN PRINTED A3

STOCK CODE  
**V5 SK**

DRG NO  
**V5099-sk**

ISSUE  
**02**

**V4 & V5 VALVE SECTION SEAL KIT  
 MANUAL VALVES**

