

The HORNE logo consists of the word "HORNE" in a bold, white, sans-serif font, with a registered trademark symbol (®) to the upper right of the letter "E". The text is centered on a solid teal rectangular background.

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**Horne 40 Thermostatic Mixing Valve  
Spares Kits and Components  
(For item numbers refer to drawing no 7368 on page 3)**

**Spare Kits**

Part Number	Description
5244	Full Seals Kit
5246T1	Spares Kit 15-32°C – contains items below marked*
5248T2	Spares Kit 32-52°C - contains items below marked*
5250T3	Spares Kit 45-62°C – contains items below marked*
5252T4	Spares Kit 58-80°C - contains items below marked*
23-4546	NRV Inserts Hot & Cold
20-4513	NRV Housing

**Valve Components**

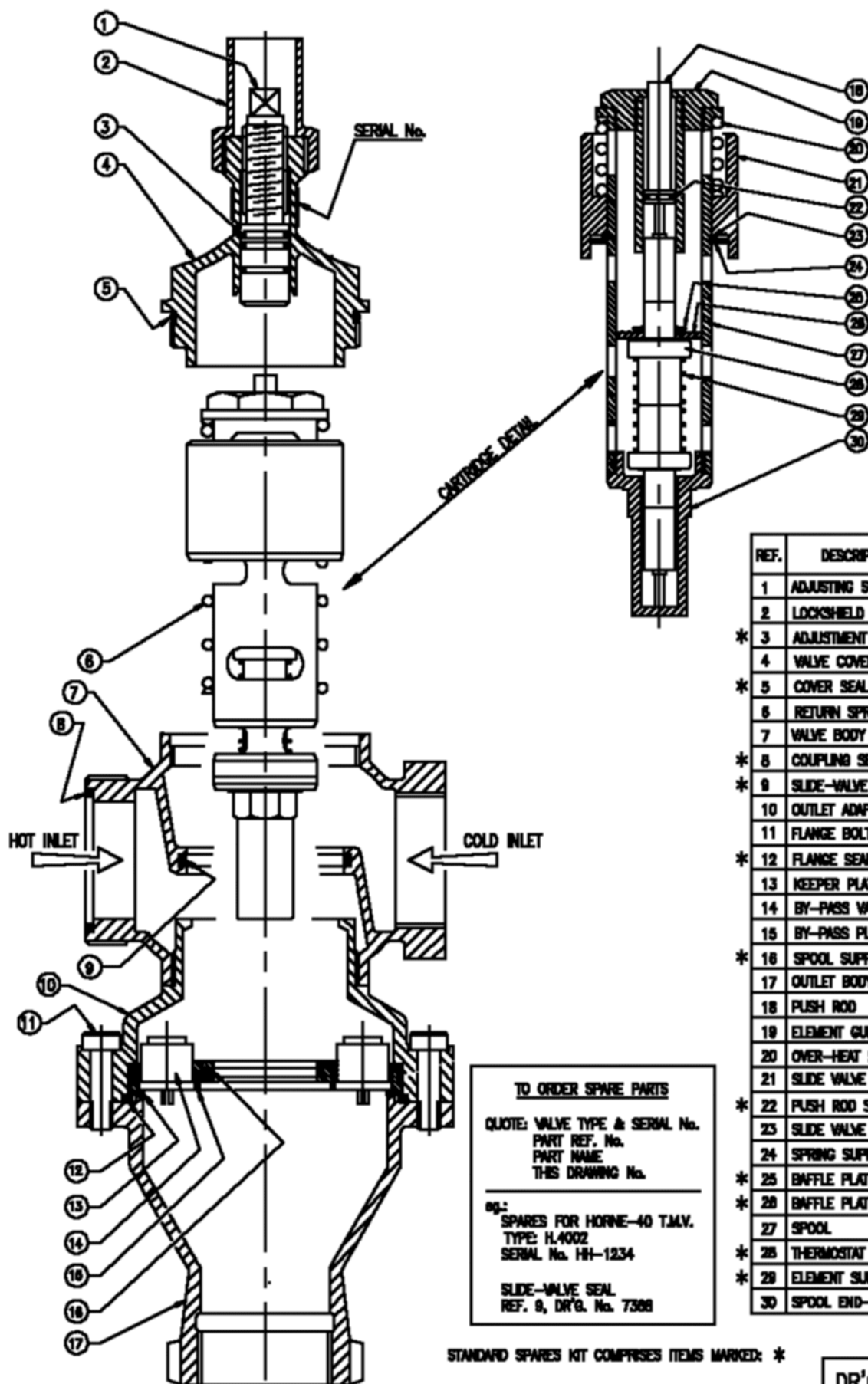
Part No	Drawing Ref	Description
20-4762	1	Adjusting Screw
21-1180	2	Lockshield Nut
42-4536	3	Adjustment Seal (3 required per valve)
20-4763	4	Valve Cover
42-2466D	5*	Cover Seal
40-4764	6	Return Spring
20-4771	7	Valve Body (not supplied as spare part)
42-4505	8*	Coupling Seal
42-2466D	9*	Slide Valve Seal
42-2467D	9*	2 <sup>nd</sup> Slide Valve Seal (both required)
20-4773	10	Outlet Adaptor
41-4766	11	Flange Bolt (8 required per valve)
42-4768	12	Flange Seal
20-4769	13	Keeper Plate
23-4770	14	By-Pass Valve (NRV) (6 required per valve)
20-4775	15	By-Pass Plate
42-4486	16	Spool Support Ring
20-4776	17	Outlet Body
20-4786	18	Push Rod
20-4790	19	Element Guide
40-4495	20	Over-Heat Spring

20-4791	21	Slide Valve
42-4521	22*	Push Rod Seal
41-4493	23	Slide Valve Retainer
20-4490	24	Spring Support Washer
41-4492	25*	Baffle Plate Retainer
20-4496	26*	Baffle Plate
60-4793	27	Spool
6581	28*	Thermostat Element (15 to 32°C)
6582	28*	Thermostat Element (32 to 52°C)
6583	28*	Thermostat Element (46 to 62°C)
6584	28*	Thermostat Element (58 to 80°C)
40-4476	29*	Element Spring Support
20-4498	30	Spool End Cap
71-4654T1	18 to 30	Cartridge Detail (Spool Assembly 15 to 32°C)
71-4654T2	18 to 30	Cartridge Detail (Spool Assembly 32 to 52 °C)
71-4654T3	18 to 30	Cartridge Detail (Spool Assembly 46 to 62 °C)
71-4654T4	18 to 30	Cartridge Detail (Spool Assembly 58 to 80°C)
		Standard Spares Kit Comprises Items Marked *

**THERMOSTATIC MIXING VALVE**

{ H-40, TYPE: H.4002 }  
 { H-50, TYPE: H.5002 }

**PARTS LIST**



REF.	DESCRIPTION
1	ADJUSTING SCREW
2	LOCKSHIELD NUT
* 3	ADJUSTMENT SEAL (3)
4	VALVE COVER
* 5	COVER SEAL
6	RETURN SPRING
7	VALVE BODY
* 8	COUPLING SEAL
* 9	SLIDE-VALVE SEAL
10	OUTLET ADAPTOR
11	FLANGE BOLT (8)
* 12	FLANGE SEAL
13	KEEPER PLATE
14	BY-PASS VALVE (8)
15	BY-PASS PLATE
* 16	SPOOL SUPPORT RING
17	OUTLET BODY
18	PUSH ROD
19	ELEMENT GUIDE
20	OVER-HEAT SPRING
21	SLIDE VALVE
* 22	PUSH ROD SEAL
23	SLIDE VALVE RETAINER
24	SPRING SUPPORT WASHER
* 25	BAFFLE PLATE RETAINER
* 26	BAFFLE PLATE
27	SPOOL
* 28	THERMOSTAT ELEMENT (2)
* 29	ELEMENT SUPPORT SPRING
30	SPOOL END-CAP

**TO ORDER SPARE PARTS**  
 QUOTE: VALVE TYPE & SERIAL No.  
 PART REF. No.  
 PART NAME  
 THIS DRAWING No.  
 eg:  
 SPARES FOR HORNE-40 T.M.V.  
 TYPE: H.4002  
 SERIAL No. H-1234  
 SLIDE-VALVE SEAL  
 REF. 9, DR'G. No. 7368

STANDARD SPARES KIT COMPRISES ITEMS MARKED: \*

DR'G. No. 7368