

INDIAN RLYS.  
RDSO(MP)

APPLICABLE FOR  
WAG7 LOCO.

PRIMARY SPRING(OUTER)

SPRING DATA

1	DIAMETER OF WIRE-mm	40
2	FREE HEIGHT-mm	552
3	SOLID HEIGHT-mm(MAX.)	364.9
4	TOTAL NO. OF TURNS	9.5
5	SPRING WORKING LOAD-kg	4284
6	SOLID CAPACITY-kg(Min.)	7630
7	SPRING RATE-kg/mm	40.8
8	WORKING HEIGHT-mm	447

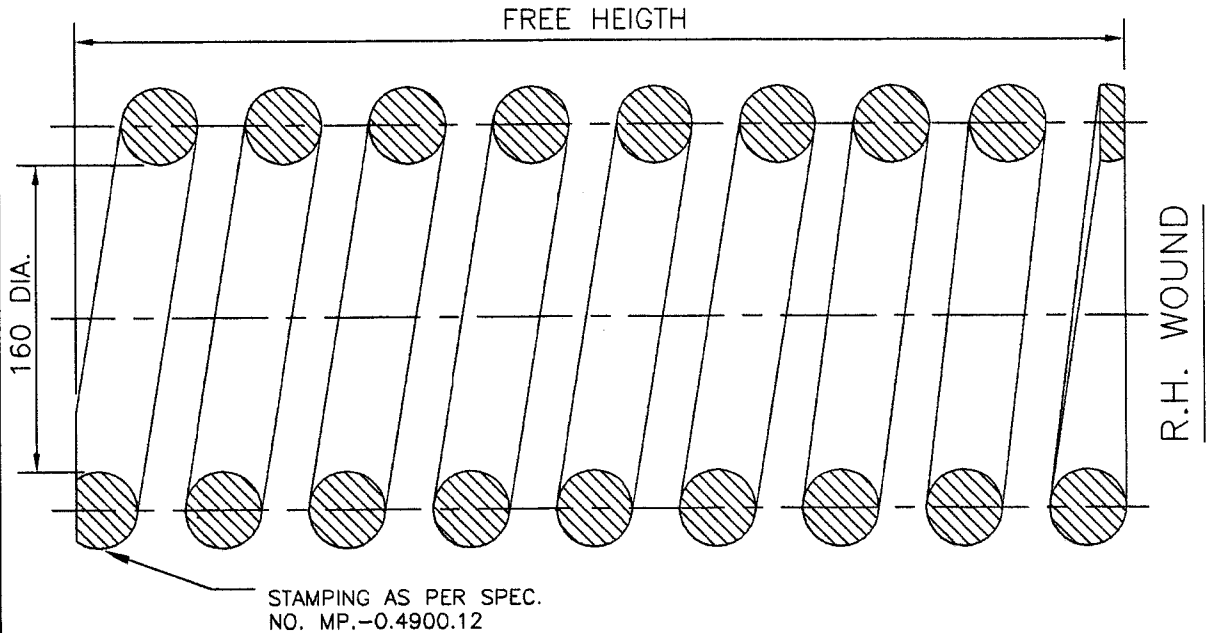
DIMENSIONAL TOLERANCES

1	VARIATION IN WIRE DIA.-mm	$\pm 0.5\%$ OF WIRE DIA. OR $\pm 0.1\text{mm}$ WHICHEVER IS LESS
2	VARIATION OF COIL DIA.-mm	$\pm 1.5$
3	VARIATION IN FREE HEIGHT-mm	$\pm 9$
4	VARIATION IN LOADED HEIGHT WITH WORKING LOAD-mm	+4 -6
5	OUT OF SQUARE OF SPRING MAX.	0.57(5.5mm)
6	PARALLELISM OF THE GROUND ENDS TO BE WITHIN	0.9*(3.8mm)
7	VARIATION IN SPRING RATE	$\pm 5\%$

PAIRING OF SPRINGS

GROUP	COMPRESSED HEIGHT MEASURED AT 4284 kg LOAD		NO. OF METALIC BANDS
	FROM	TO	
A	441	447	TWO
B	ABOVE 447	451	ONE

NOTE:-  
FOR MATL. & SPEC., MANUFACTURE, INSPECTION AND TESTING OF HOT COILED HELICAL COMPRESSION SPRINGS REFER TO TECHNICAL SPECIFICATION NO.: MP.-0.4900.12 (REV.- LATEST).



NO./LOCO:- 16

D	Sd/ANURAG
C	Sd/
APPD	
Sd/SHYAMLAL	
Dt	.05.99

5	—	—	DRAWING REVISED AND REDRAWN	VDG-675	<i>R</i>	OCT.'08
ALT:	NO. OF PLACES	REF. NO.	DESCRIPTION	ALT. NOTE NO.	SIGN:	DATE

SCALE = 1:3.5	REF: SK.DL-4187	
	DRG. SK.VL-039	
FIRST ISSUED	SUPERSEDES	SUPERSEDED BY