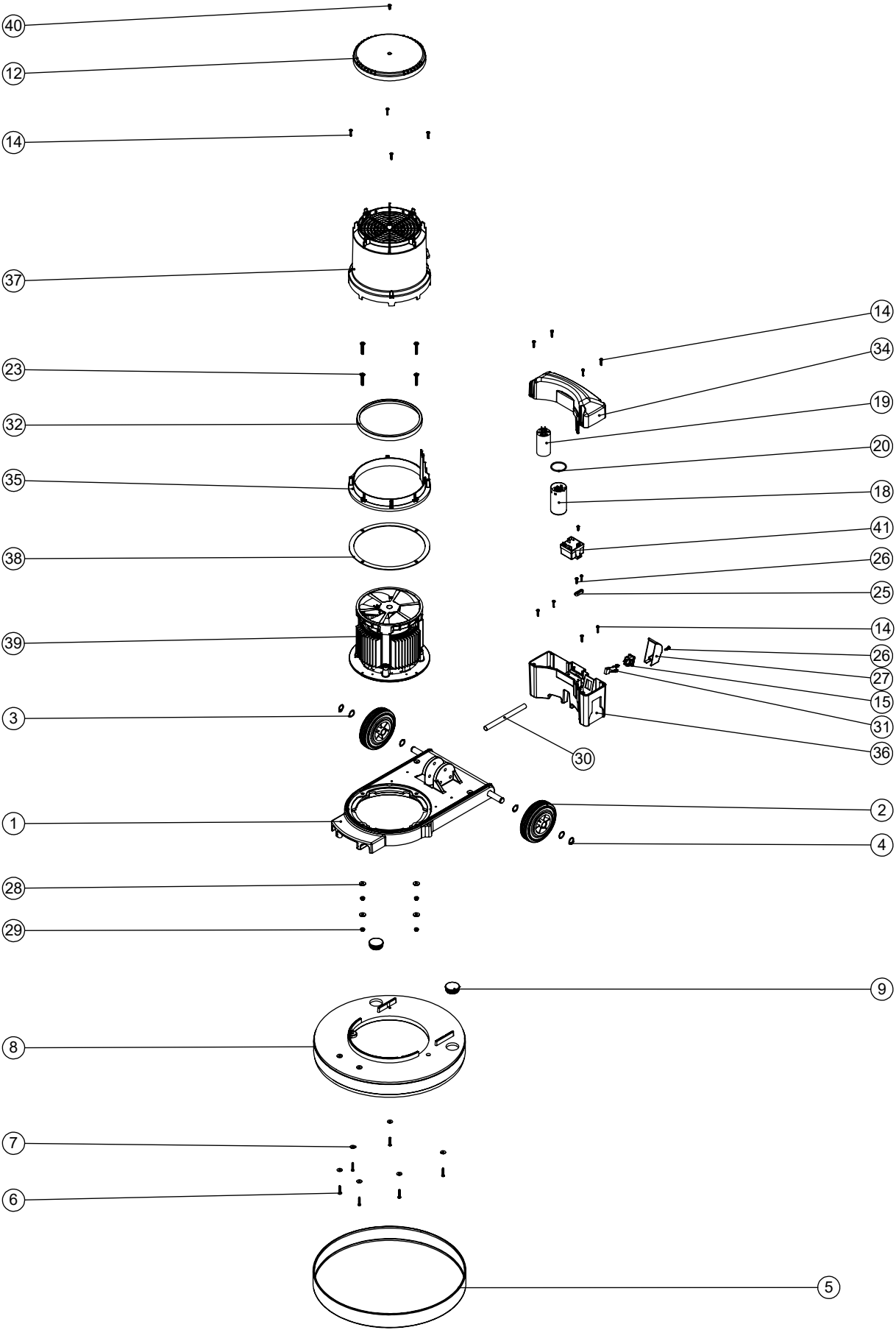


Numatic International Spare Parts

Model No: HFM 1515/1523/1530 EXPLODED DRAWING ASSEMBLY

234894
DRAWING: DRW-12020 ISS:A13
12/02/2024

NB: FOR WIRING SEE DRAWING: DRW-21894 / DRW-40179



Numatic International Spare Parts

Model No: HFM 1515/1523/1530 EXPLODED DRAWING ASSEMBLY

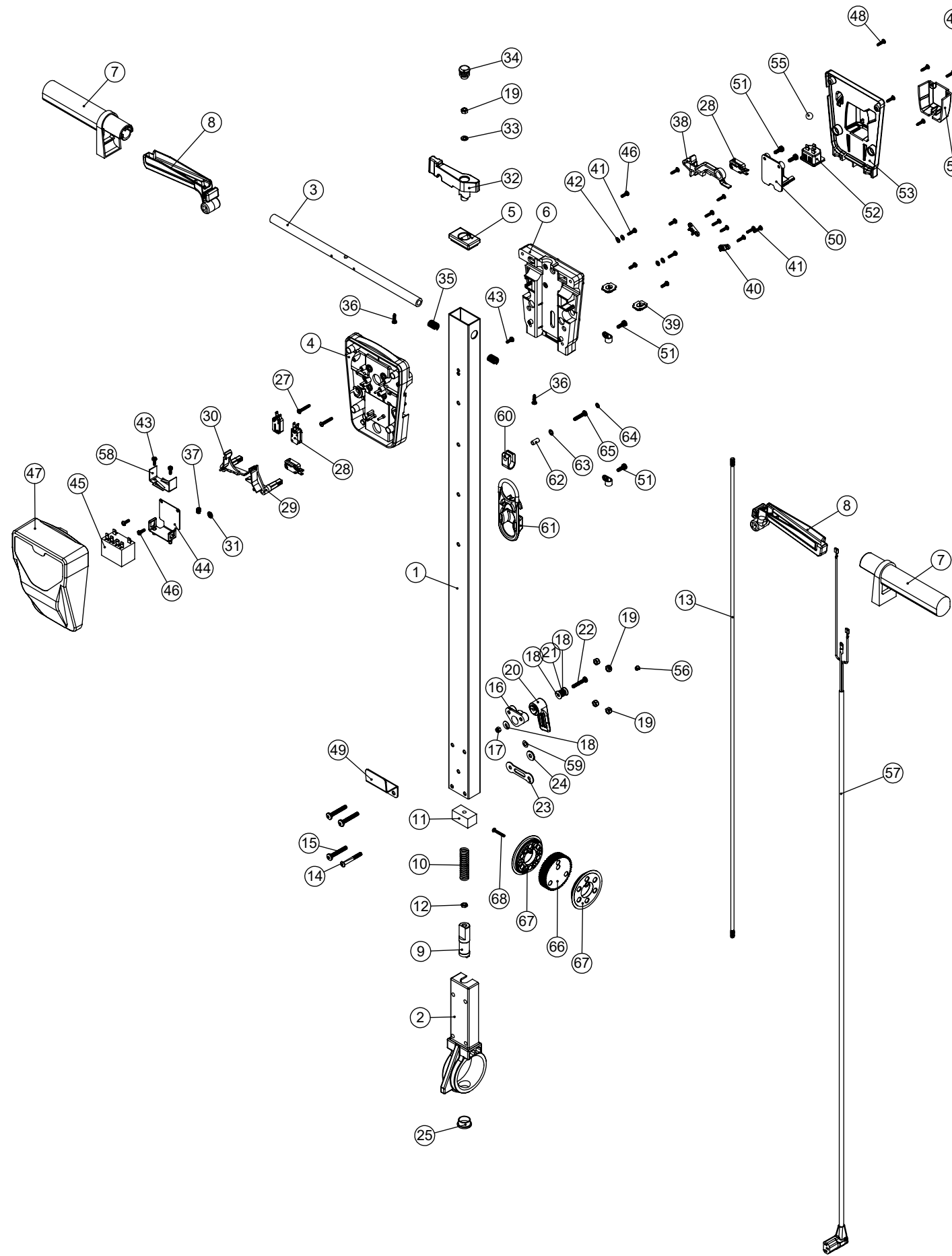
ITEM NO.	PART NO.	DESCRIPTION	Comments	Default/QTY.
1	304260	MULTIDECK BASE MOULDING SUB ASSY	UPDATED, ITEM227557 ADDED	1
2	229060	WHEEL GREY BLACK HUB		2
3	219219	21.5MM X 16.3MM WAVE WASHER		4
4	229051	EXTERNAL CIRCLIP		2
5	206466	MEDIUM RING BUFFER 1300 GREY (RAL 7042)	G - RANGE USE 206478	1
6	219369	No8 X 1 INCH LONG POZI PAN STAINLESS STEEL PLASTITE SCREW		6
7	219644	M5 FORM G STAINLESS STEEL WASHER		6
8	330010	DECK MOD (Y SYSTEM)	G - RANGE USE 329072	1
9	229400	BLACK END STOP		2
34	237505	HFM CAPACITOR BOX TOP MOULDING (BLUE)	G - RANGE USE 905782	1
35	237500	BOTTOM SECTION MOULDING (BLUE)	G - RANGE USE 905781	1
12	237503	HFM LID MOULDING (HFM)		1
13	219318	No6 X 1/2 INCH LONG POZI PAN PLASTITE SCREW (Z/PL)		1
14	219568	NO8.3/4 INCH LG.POZI-PAN.SCREW.STAINLESS STEEL.PLASTITE		12
15	220584	RENDAR CLIP IN PLUG		1
40	219471	M4 X 12MM LONG POZI PAN SEMS SCREW		1
18	205088	MOTOR START CAPACITOR 150MFD 280V C/W 39K RESISTOR AND M8 STUD		1
19	220897	MOTOR RUN CAPACITOR 25 MFD 450V		1
20	208534	O RING 39.5MM ID x 3 DIA		1
36	330081	HFM CAPACITOR BOX BOTTOM MOULDING C/W INSERT	G - RANGE USE 905793	1
41	902715	SINGLE SPEED RELAY 230V, RVA6N0D		1
23	219643	M6 X 35MM LONG STAINLESS STEEL POZI PAN SCREW		4
37	330082	HFM MID SECTION MOULDING PRINTED (1500W) (BLUE)	G - RANGE USE 905780	1
25	227008	BLACK CABLE CLAMP		1
26	219914	NO6 X 5/8 INCH LONG POZI-PAN PLASTITE STAINLESS STEEL SCREW		3
27	229213	PLUG COVER		1
28	219647	M6 FORM G STAINLESS STEEL WASHER		4
29	219642	M6 STAINLESS STEEL NYLON INSERT HALF NUT		4
30	330086	MOTOR WIRE SLEEVE		1
31	230136	SUPPRESSOR ASSEMBLY		1
32	237412	HFM TOP MOTOR GASKET		1
38	906405	HFM MOTOR SPLASH GUARD		1
39	205202	INDUCTION MOTOR 4-POLE 1500W 220-240V 50Hz		1
	908022	FIR R60 INDUCTION MOTOR 2100/1500W 230V 50Hz		1
	914838	230V.50HZ.1500W 4 POLE INDUCTION MOTOR (OLYMPIA PUMPS SRL MOTOR)		1

Numatic International Spare Parts

Model No: HFM HANDLE EXPLODED DRAWING

NB: FOR WIRING SEE DRAWING: DRW-11789

Internal Code: 234899
DRAWING: DRW-12376 ISS:A19
01/03/2022



Numatic International Spare Parts

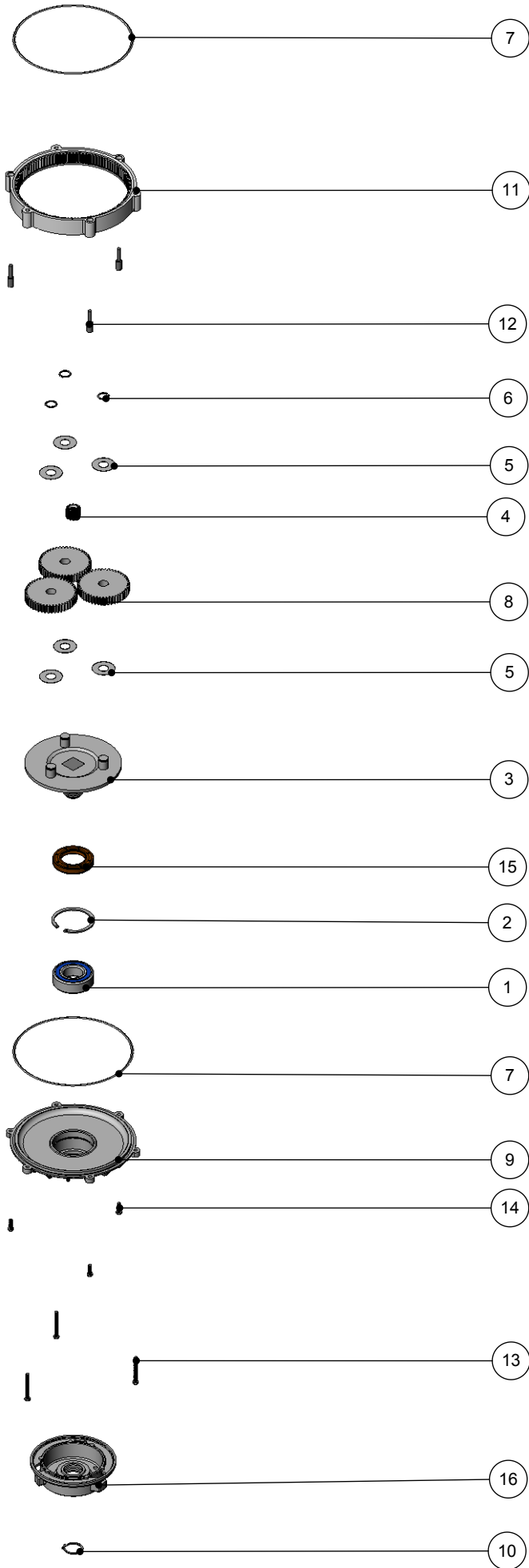
Model No: HFM HANDLE EXPLODED DRAWING

ITEM:	PART No:	DESCRIPTION	FMH HENRY MODEL USE	GREY VERSION	QTY.
1	429136	HFM HANDLE TUBE PAINTED (1025mm)			1
2	900398	HANDLE CASTING MACHINED (HNS VERSION)			1
3	338269	CROSS TUBE			1
4	227576	FRONT INNER HALF MOULDING	237542		1
5	903546	HANDLE PLUG MOULDING (RED)		227582	1
6	229509	REAR INNER HALF MOULDING (FR)	237543		1
7	227580	HAND GRIP MOULDING	237544		2
8	903547	TRIGGER MOULDING (RED)		227581	2
9	229073	GEAR LOCKING PIN			1
10	229138	SPRING			1
11	229030	ANTI VIBRATION PAD			1
12	219099	M6 HALF NUT			1
13	208432	1035MM HANDLE LOCKING ROD			1
14	219881	M6 X 45MM SOCKET BUTTON HEAD SCREW			1
15	902522	M6 X 40MM LONG SOCKET BUTTON HEAD STAINLESS STEEL BOLT			3
16	903882	CABLE RELEASE BASE MOULDING RED		227806	1
17	219076	M5 NYLON INSERT NUT			1
18	219644	M5 FORM G STAINLESS STEEL WASHER			3
19	219642	M6 STAINLESS STEEL NYLON INSERT NUT			5
20	903883	CABLE RELEASE TOP MOULDING RED		227807	1
21	206599	SPRING (REF:C5514370)			1
22	219720	M5 X 30MM LONG STAINLESS STEEL POZI PAN SCREW			1
23	229139	CABLE CLAMP			1
24	219647	M6 FORM G STAINLESS STEEL WASHER			1
25	229099	25MM DIA HOLE PLUG			1
26	219393	P CLIP			2
27	219369	No8 X 1 INCH LONG POZI PAN STAINLESS STEEL PLASTITE SCREW			2
28	229483	SNAP ACTION SWITCH			4
29	227585	LEFT HAND SWITCH OPERATING LEVER MOULDING			1
30	227586	RIGHT HAND SWITCH OPERATING LEVER MOULDING			1
31	219805	4MM SPIREFIX			1
32	903545	ADJUSTMENT LEVER MOULDING (RED)		227583	1
33	219493	M6 NYLON WASHER			1
34	20638V	19MM BLACK TUBE END STOP			1
35	219803	TRIGGER COMPRESSION SPRING			2
36	219036	No8 X 5/8 INCH LONG POZI PAN SELF TAPPING SCREW			2
37	219804	SWITCH COMPRESSION SPRING			1
38	227584	INTERLOCK LEVER MOULDING			1
39	237467	BLANKING PLUG WITH HOLE			2
40	229669	LOLINE HANDLE CABLE CLAMP			2
41	219914	NO6 X 5/8 INCH LONG POZI-PAN PLASTITE STAINLESS STEEL SCREW			8
42	219688	M4 FORM A STAINLESS STEEL WASHER			4
43	219471	M4 X 12MM LONG POZI PAN SEMS SCREW			3
44	303526	NUTSERTED RELAY MOUNTING BRACKET			1
45	206575	240V / 25A RELAY			1
46	219569	No8 X 1/2 INCH LONG POZI PAN STAINLESS STEEL PLASTITE SCREW			6
47	229679	TRADELINE TWINTEC HANDLE FRONT COVER MOULDING	237547		1
48	219370	No8 X 5/8 INCH LONG PLASTITE STAINLESS STEEL SCREW			8
49	329000	HANDLE BRACKET			1
50	237425	PTO SUPPORT MOULDING			1
51	219045	M5 X 16MM LONG POZI PAN SEMS SCREW			4
52	220964	APPLIANCE OUTPUT SOCKET			1
53	237426	FM REAR COVER MOULDING	237545		1
54	237427	FM PLUG COVER MOULDING	237546		1
55	229050	12MM (STAINLESS STEEL) BALL BEARING			1
56	229009	BLANKING PLUG			1
57	236161	HFM HANDLE CORD SET ASSEMBLY			1
58	206500	RELAY BRACKET			1
59	219560	M6 FORM B STAINLESS STEEL WASHER			1
60	219743	CABLE CLEAT			1
61	902312	CABLE STRESS RELIEF			1
62	903192	SPIROL SPACER SP100 5MM NOM ID x 14MM			1
63	219355	M5 FORM A STAINLESS STEEL WASHER			1
64	219016	M5 SHAKEPROOF WASHER			1
65	219575	M5 X 25MM LONG POZI PAN STAINLESS STEEL SCREW			1
66	900397	MINI ADJUSTMENT GEAR			1
67	900396	ADJUSTMENT GEAR SPACER			2
68	291150	NO6 X 1 INCH LONG POZI PAN SCREW S/S			1

Numatic International Spare Parts

Model No: HFM, NPR & NR RANGE GEARBOX EXPLODED DRAWING (ALL SPEEDS)

233756
DRAWING: DRW-4439 ISS:A04
22/10/13



Numatic International Spare Parts

Model No: HFM, NPR & NR RANGE GEARBOX EXPLODED DRAWING (ALL SPEEDS)

POS:	ITEM NO:	DESCRIPTION:	COMMENTS:
1	230094	62MM O/D X 30MM I/D X 20MM BEARING (WITH SEALS)	
2	230200	62MM INTERNAL CIRCLIP	
3	230291	PLANET CARRIER & PIN ASSEMBLY (50HZ STANDARD SPEED)	HFM/NPR 1515/S & NR 1500S
	230292	PLANET CARRIER & PIN ASSEMBLY (60HZ HIGH SPEED)	HFM/NPR 1523/M, NPR1545/X, NR 1500M & NRS450
	230294	PLANET CARRIER & PIN ASSEMBLY (HIGH SPEED)	HFM/NPR 1530/H & NR1500H
4	230027	12 TOOTH PINION GEAR (STANDARD SPEED)	HFM/NPR 1515/S & NR 1500S
	230025	20 TOOTH PINION GEAR (50HZ MEDIUM/60HZ HIGH SPEED)	HFM/NPR 1523/M, HFM/NPR 1545/X, NR 1500M & NRS450
	230028	24 TOOTH PINION GEAR (HIGH SPEED)	HFM/NPR 1530/H & NR1500H
5	230215	35MM X 15 I/D ALUMINIUM WASHER	
6	230015	15MM EXTERNAL CIRCLIP	
7	230001	V OIL SEAL	
8	230013	48 TOOTH SPUR GEAR(STANDARD SPEED 50/60HZ)	HFM/NPR 1515/S & NR 1500S
	230026	44 TOOTH SPUR GEAR (50HZ MEDIUM/60HZ HIGH SPEED)	HFM/NPR 1523/M, HFM/NPR1545/X, NR 1500M & NRS450
	230014	42 TOOTH SPUR GEAR (HIGH SPEED 50HZ)	HFM/NPR 1530/H & NR1500H
9	230226	DIE CAST BOTTOM PLATE ASSEMBLY	
10	230048	26MM EXTERNAL CIRCLIP	
11	214115	GEAR BOX MID SECTION	
12	208207	GEARBOX FASTENER WITH SLOT	
13	219706	M5 X 45MM LONG STAINLESS STEEL HEXAGONAL BOLT	
14	219904	M5 X16MM LONG HEXAGONAL STAINLESS STEEL BOLT	
15	230158	VITON OIL SEAL (BROWN)	
16	330024	DIE CAST CHUCK MACHINED & PROCESSED	

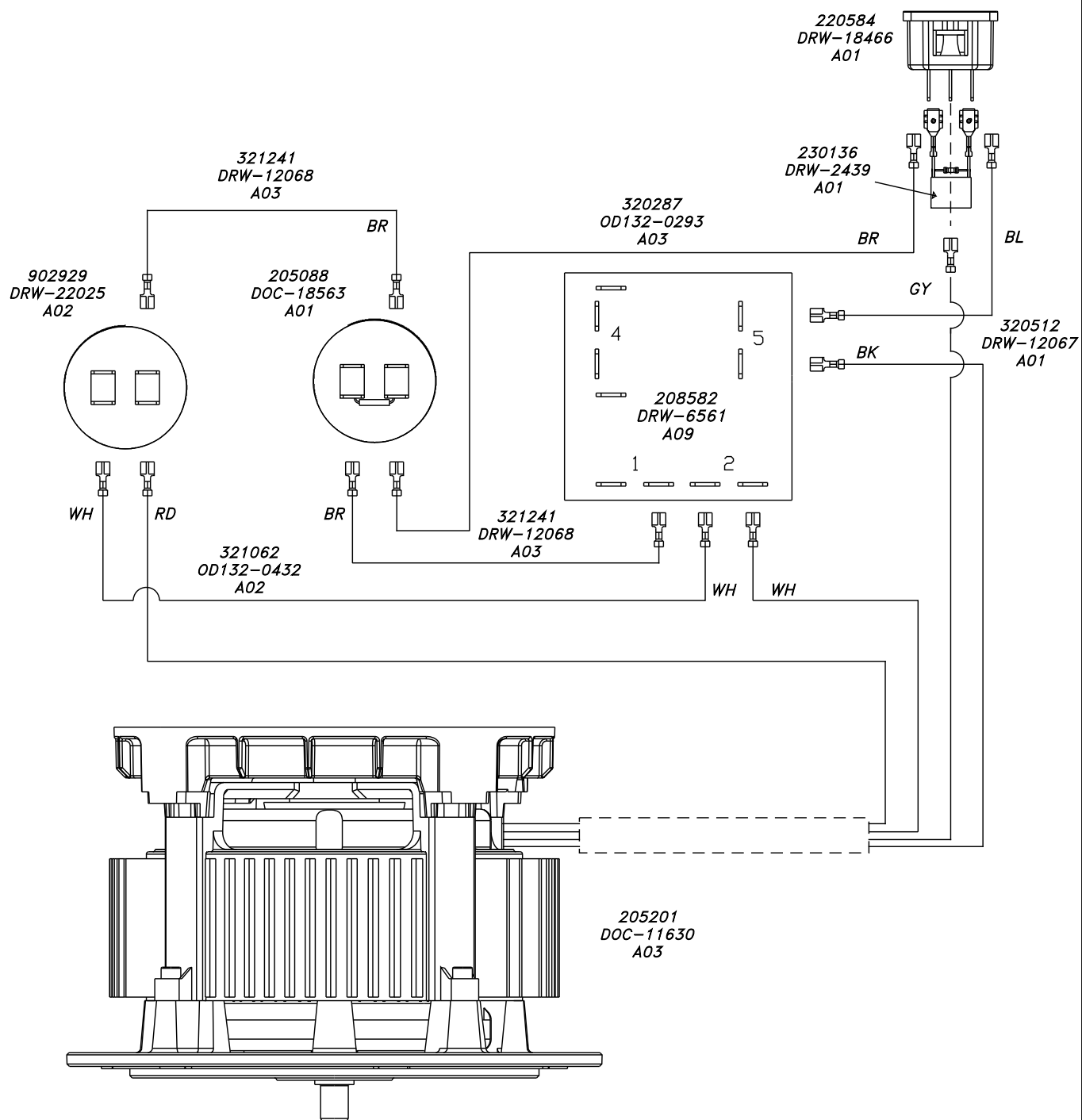
WIRING DIAGRAM

COMP. No
123384

DRG. No
DRW-11701

WIRING DIAGRAM.FLOORCARE.1S.3W.220.50.B.PLG

ISSUE	REVISION	DRAWN	APPD.	DATE
A09	DRAWING UPDATED TO LATEST SPECIFICATION & RUN CAPACITOR UPDATED TO 902929	AM	MB	05:05:16



KEY: WIRE COLOURS

BK - BLACK
BL - BLUE
BR - BROWN
GR - GREEN
GY - GREEN/YELLOW
OR - ORANGE
RD - RED
SL - SLATE
WH - WHITE
YL - YELLOW
P - PURPLE

