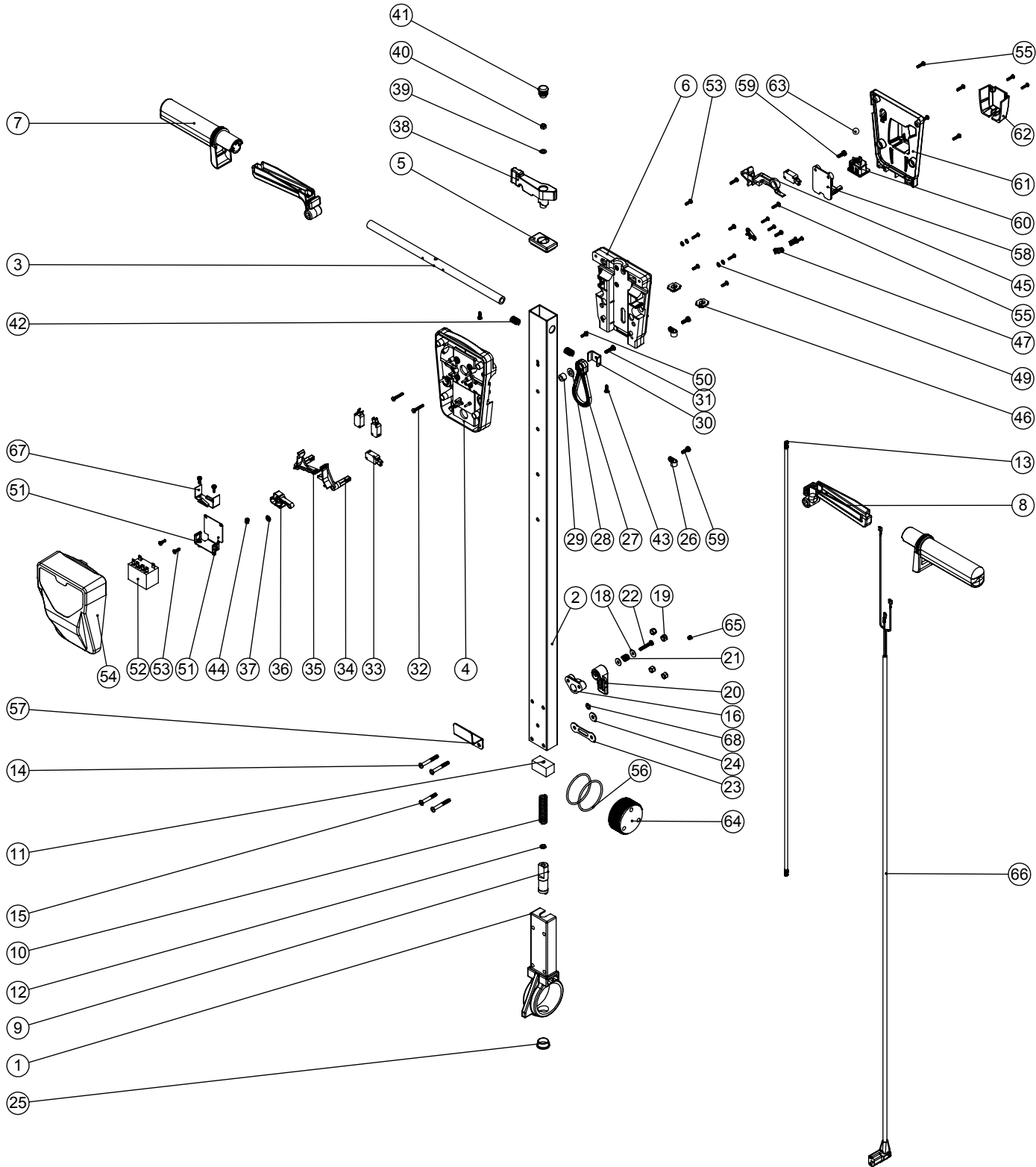


Numatic International Spare Parts

Model No: HFM HANDLE EXPLODED DRAWING

NB: FOR WIRING SEE DRAWING: WD-0???

234899
DRAWING: DRW-12376 ISS:A04
19/09/2013



WARNING

Seek guidance from Numatic team before use.
Technical information supplied as guidance for use by suitably qualified personnel only.
Numatic International Limited accepts no liability for misuse or negligence.

Numatic International Spare Parts

Model No: HFM HANDLE EXPLODED DRAWING

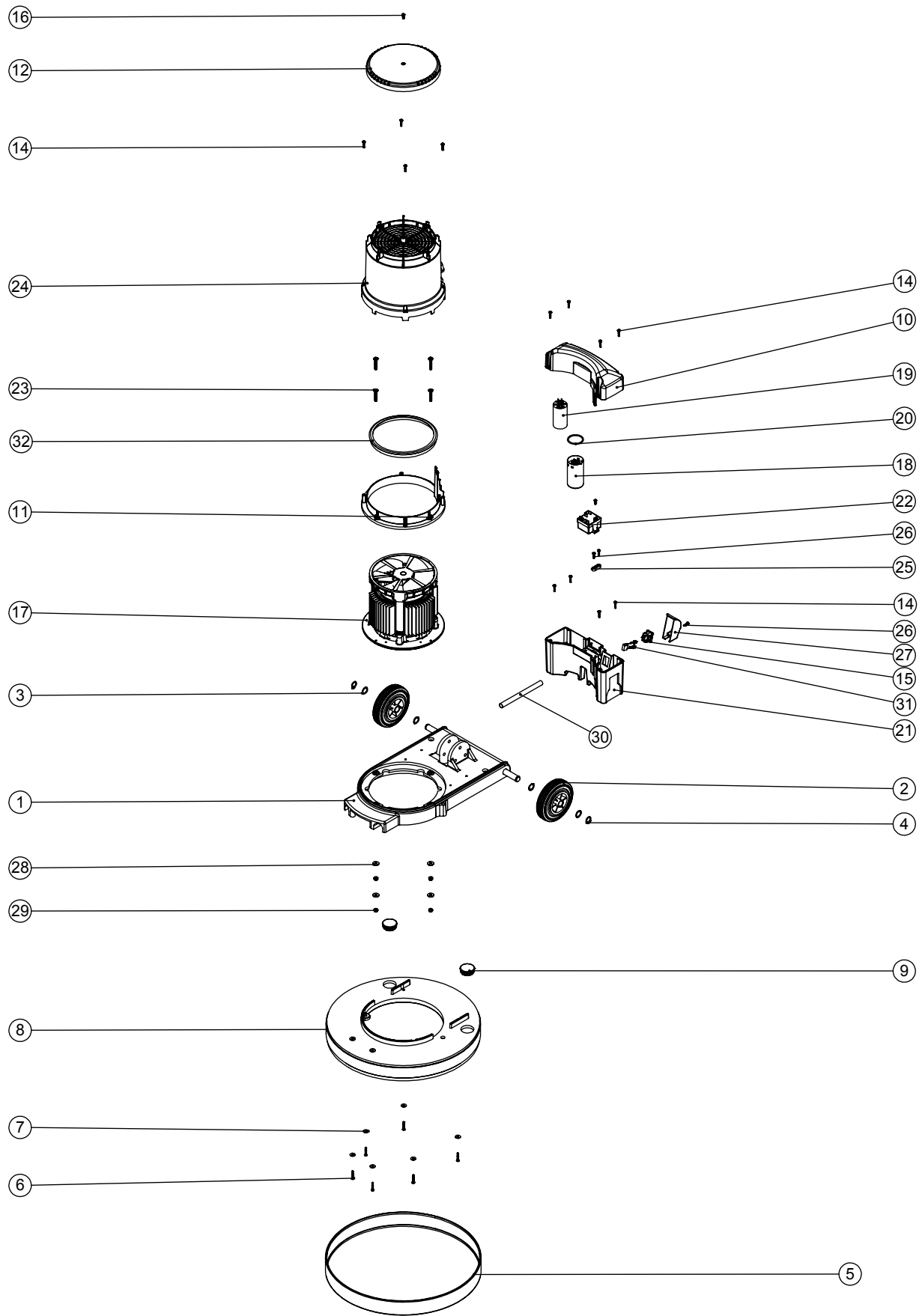
ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	229081	HANDLE CASTING MACHINED	1
2	429136	HFM HANDLE TUBE PAINTED (1025mm)	1
3	338269	CROSS TUBE	1
4	227576	FRONT INNER HALF MOULDING	1
5	227582	HANDLE PLUG MOULDING	1
6	227577	REAR INNER HALF MOULDING	1
7	227580	HAND GRIP MOULDING	2
8	227581	TRIGGER MOULDING	2
9	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	3
15	219807	M6 X 40MM LONG SOCKET BUTTON HEAD BOLT	1
16	227806	CABLE RELEASE BASE MOULDING	1
17	219076	M5 NYLON INSERT NUT	1
18	219644	M5 FORM G STAINLESS STEEL WASHER	3
19	219088	M6 NYLON INSERT NUT	4
20	227807	CABLE RELEASE TOP MOULDING	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	219008	M6 FORM G WASHER	1
25	229099	25MM DIA HOLE PLUG	1
26	219393	P CLIP	2
27	226008	STRESS RELIEF	1
28	219010	M8 FORM A WASHER	1
29	226006	SPACER (BLACK)	1
30	329231	STRESS RELIEF BRACKET	1
31	219054	M5 X 20MM LONG POZI PAN SCREW	1
32	219811	NO8 X 1 INCH LONG POZI-PAN SELF TAP SCREW	2
33	229483	SNAP ACTION SWITCH	4
34	227585	LEFT HAND SWITCH OPERATING LEVER MOULDING	1
35	227586	RIGHT HAND SWITCH OPERATING LEVER MOULDING	1
36	227587	CENTRE SWITCH OPERATING LEVER MOULDING	1
37	219805	4MM SPIREFIX	1
38	227583	ADJUSTMENT LEVER MOULDING	1
39	219493	M6 NYLON WASHER	1
40	219642	M6 STAINLESS STEEL NYLON INSERT NUT	1
41	20638V	19MM BLACK TUBE END STOP	1
42	219803	TRIGGER COMPRESSION SPRING	2
43	219270	No8 X 1/2 INCH LONG POZI PAN SELF TAP SCREW	2
44	219804	SWITCH COMPRESSION SPRING	1
45	227584	INTERLOCK LEVER MOULDING	1
46	237467	BLANKING PLUG WITH HOLE	2
47	229669	LOLINE HANDLE CABLE CLAMP	2
48	219107	No6 X 5/8 INCH LONG POZI PAN PLASTITE SCREW	8
49	219206	M4 FORM A WASHER	4
50	219471	M4 X 12MM LONG POZI PAN SEMS SCREW	3
51	303526	NUTSERTED RELAY MOUNTING BRACKET	1
52	206575	240V / 25A RELAY	1
53	219101	No8 X 1/2 INCH LONG POZI PAN PLASTIITE SCREW	6
54	229679	TRADELINE TWINTEC HANDLE FRONT COVER MOULDING	1
55	219105	No8 X 5/8 INCH LONG POZI PAN PLASTITE SCREW	8
56	219254	O RING 3MM DIA X 60MM I/D	2
57	329000	HANDLE BRACKET	1
58	237425	PTO SUPPORT MOULDING	1
59	219045	M5 X 16MM LONG POZI PAN SEMS SCREW	4
60	220964	APPLIANCE OUTPUT SOCKET	1
61	237426	FM REAR COVER MOULDING	1
62	237427	FM PLUG COVER MOULDING	1
63	229050	12MM (STAINLESS STEEL) BALL BEARING	1
64	229074	ADJUSTMENT GEAR	1
65	229009	BLANKING PLUG	1
66	236161	HFM HANDLE CORD SET ASSEMBLY	1
67	206500	RELAY BRACKET	1
68	219007	M6 FORM B WASHER	1

Numatic International Spare Parts

Model No: HFM 1515/1523/1530/1545 EXPLODED DRAWING ASSEMBLY

NB: FOR WIRING SEE DRAWING: DRW-11701

234894
DRAWING: DRW-12020 ISS:A01
27/09/2012



WARNING
Seek guidance from Numatic team before use.
Technical information supplied as guidance for use by suitably qualified personnel only.
Numatic International Limited accepts no liability for misuse or negligence.



Numatic International Spare Parts

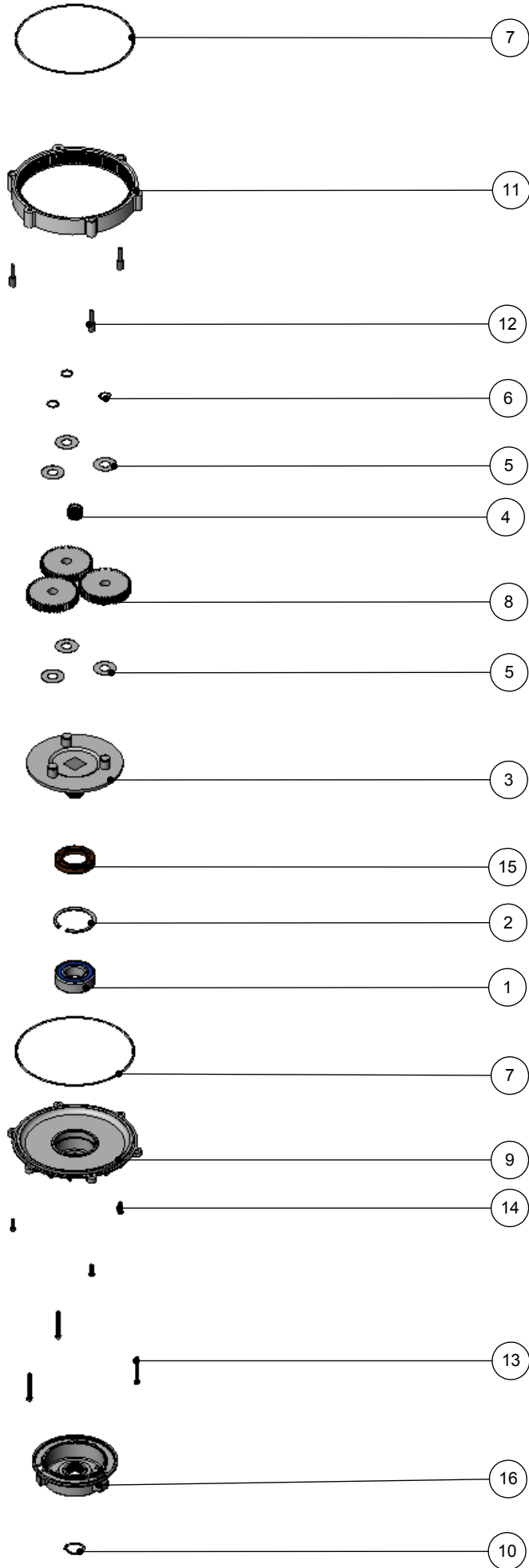
Model No: HFM 1515/1523/1530/1545 EXPLODED DRAWING ASSEMBLY

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	304260	MULTIDECK BASE MOULDING SUB ASSY	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	LIGHT GREY MEDIUM BUFFER RING (RAL 7042)	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 FOR DUSTROL Y SYSTEM	1
9	229400	BLACK END STOP	2
10	237505	HFM CAPACITOR BOX TOP MOULDING	1
11	237500	BOTTOM SECTION MOULDING	1
12	237503	LID MOULDING (HFM)	1
13	219318	No6 X 1/2 INCH LONG POZI PAN PLASTITE SCREW	1
14	219568	No8 X 3/4 INCH LONG POZI PAN STAINLESS STEEL SCREW	12
15	220584	RENDAR CLIP IN PLUG	1
16	219471	M4 X 12MM LONG POZI PAN SEMS SCREW	1
17	205202	INDUCTION MOTOR 4-POLE 1500W 220-240V 50Hz	1
18	205088	MOTOR START CAPACITOR 150MFD 280V C/W RESISTOR AND M8 STUD	1
19	220897	MOTOR RUN CAPACITOR 25 MFD 450V	1
20	208535	O RING 39.5MM ID x 3 DIA	1
21	330081	HFM CAPACITOR BOX BOTTOM MOULDING C/W INSERT	1
22	206823	230V SINGLE SPEED VOLTAGE RELAY	1
23	219643	M6 X 35MM LONG STAINLESS STEEL POZI PAN SCREW	4
24	330082	HFM MID SECTION MOULDING PRINTED (1500W)	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 NUT	4
30	330086	MOTOR WIRE SLEEVE	1
31	230136	SUPPRESSOR ASSEMBLY	1
32	237412	HFM TOP MOTOR GASKET	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	



WARNING
Seek guidance from Numatic team before use.
Technical information supplied as guidance for use by suitably qualified personnel only.
Numatic International Limited accepts no liability for misuse or negligence.

