AirToolPro.com by Zampini Industrial Group - Premier Tool Suppliers Since 1987 1-800-353-4676

Desoutter™

Desoutter Limited. London NW9 6ND

2F16-L

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Operating Instructions

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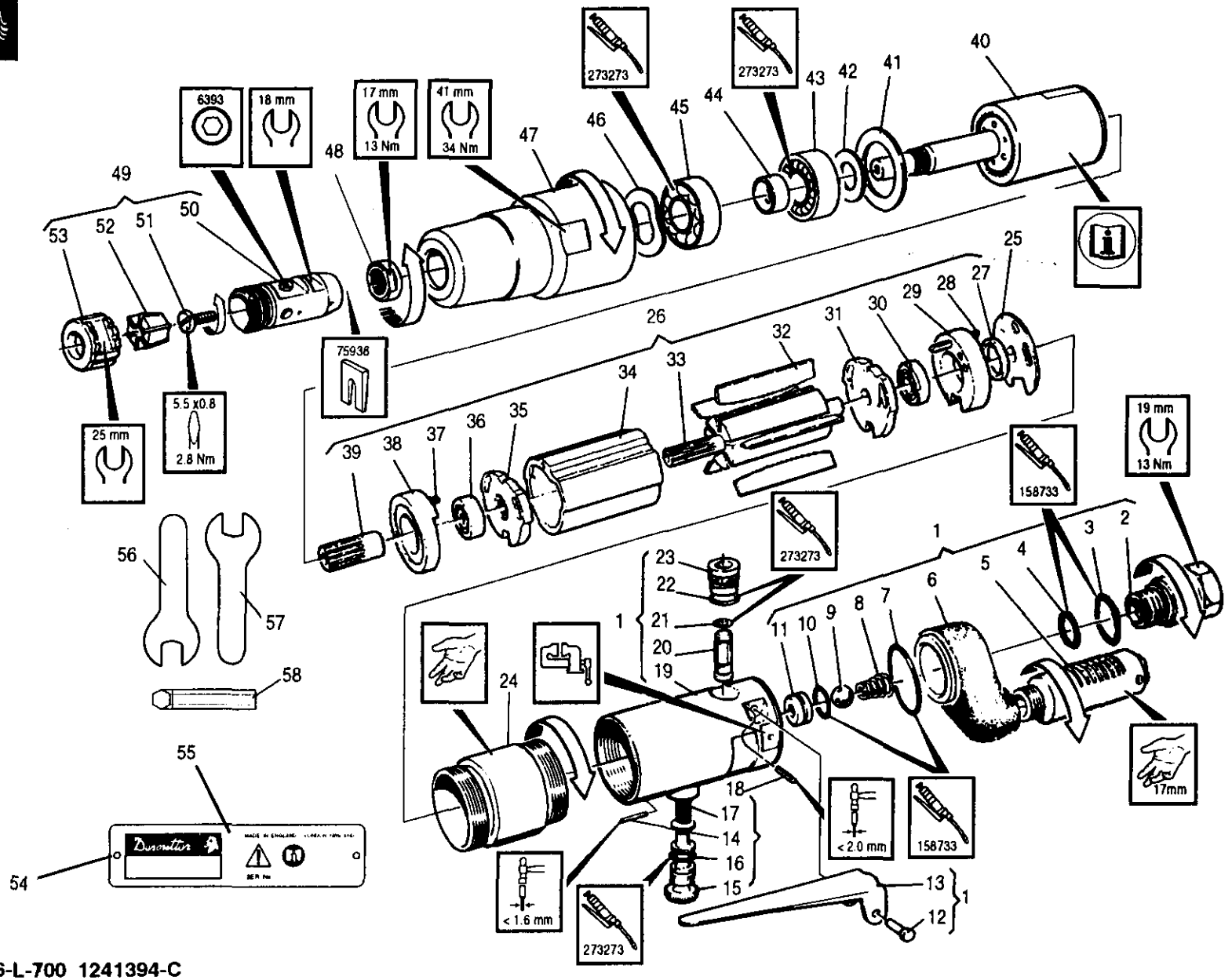

2F16-L-700 1241394-C
2F16-L-250 1241474-C

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Item Pa. Nr. No. Article	Part No Teil Nr. Référence	Qty Menge Qté
1	276773	1
	(G¼)	
	286413	1
	(¼"NPT)	
2	261503	1
	(G¼)	
	261513	1
	(¼"NPT)	
3	268513	1
4	202313	1
5	208003	1
6	276853	1
7	225553	1
8	252493	1
9	1693	1
10	500953	1
11	252383	1
12	41633	1
13	252573	1
14	259953	1
15	276813	1
16	203713	1
17	161383	1
18	261223	1
19	276783	1
20	276843	1
21	261213	1
22	500953	1
23	276833	1
24	286923	1
25	251873	1
26	255663	1
27	256773	1
28	256753	1
29	256713	1
30	500693	1
31	256723	1
32	270563	5
33	251363	1
34	500203	1
35	256733	1
36	64368	1
37	251693	1
38	256743	1
39	251393	1
40	(3 of 15)	

Item Pa. Nr. No. Article	Part No Teil Nr. Référence	Qty Menge Qté
41	500813	1
42	277023	1
43	295413	1
44	277033	1
45	370733	1
46	276963	1
47	276933	1
	(750RPM)	
	276923	1
	(250RPM)	
48	276973	1
49	29462	1
50	31672	1
51	79783	1
52	29482	1
	(3.5-6.5mm)	
53	31642	1
54	54853	2
55	355893	1
SuppliedAccessories		
56	31682	1
57	31692	1
58	6393	1
Optional Accessories		
52	29472	
	(4.5-8.0mm)	
	75142	
	(2.0-4.5mm)	
	97982	
	(6.5-10.0mm)	

(GB) * Indicates normal replacement items. It is recommended that adequate stocks are held for servicing requirements.
Always quote tool model number, serial number and spare part number when ordering spares.

(D) * Bedeutet normale Verschleißteile. Es empfiehlt sich eine angemessene Menge für Wartungszwecke auf Lager zu halten.
Bei der Bestellung von Ersatzteilen, bitte immer angeben: Typennummer der Bohrmaschine, Werknummer und Ersatzteilnummer.

(F) * Le symbole astérisque (*) indique des articles de rechange normaux. Il est recommandé d'en conserver des stocks suffisants pour assurer toutes les opérations d'entretien courant.
Lors de la commande de pièces de rechange, toujours citer le numéro de modèle de l'outillage, son numéro de série et le numéro de référence de chaque pièce de rechange.

(E) * Indica elementos de reposición regular. Se recomienda tener una cantidad adecuada de los mismos en reserva a efectos de mantenimiento.
Al encargar piezas de recambio, siempre debe indicarse el número de modelo de la herramienta, su número de serie y el número de la pieza de recambio.

(P) * Indica itens que são substituídos regularmente. É recomendado que estoques adequados sejam mantidos para requisitos de manutenção.
Cite sempre o número do modêlo da ferramenta, número de série, e número da peça acessória quando pedindo acessórios.

(I) * L'asterisco denota recambi normali. Si consiglia di mantenere scorte *adeguate alle esigenze della manutenzione.*
Nell'ordinazione di ricambi citare il numero di modello dell'utensile, il numero di matricola e quello di catalogo del pezzo.

(GR) * Σημαινει συνηθισμένα είδη (τεμάχια) για αντικατάσταση. Σας συνιστύμε *να τηρείτε αρκετό απόθεμα από τα είδη που χρειάζονται αντικατάσταση.*
Οταν παραγγέλνετε ανταλλακτικά πάντα να γράφετε τον αριθμό μοντέλου του εργαλείου, τον αριθμό σειράς και τον αριθμό ανταλλακτικού.

(NL) * Betekent normale reserveartikelen. Het verdient aanbeveling om *voldoende voor onderhoudsbehoeften voorradig te hebben.*
Bij bestelling van reserveonderdelen geef altijd modelnummer, volgnummer en reserveonderdeelnummer van het werktuig op.

(DK) * Indikerer normale udskiftningsemner. Det anbefales at have rigelige forsyninger af dele til brug i forbindelse med eftersyn.
Opgiv altid det korrekte værktøjsmodelnummer, serienummer og reservedelsnummer ved bestilling af reservedele.

(N) * Angir normale reservedeler. Det anbefales at tilstrekkelig antall reservedeler holdes på lager.
Ved bestilling av deler må man alltid oppgi verktøyets modellnr., serienr. og reservedelens nr.

(S) * Utmärker normala reservdelar. Vi rekommenderar att tillräckligt antal lagras för serviceändamål.
Uppge alltid verktygets modellnummer, serienummer samt reservdelens nummer vid beställtning av reservdelar.

(FIN) * Viittaa tavallisiin varaosiin. Suosittelemme, että riittäviä määriä pidetään varastossa huoltotarpeita varten.
Työkalun mallinumero, sarjanumero ja varasosan numero on aina mainittava tilattaessa.

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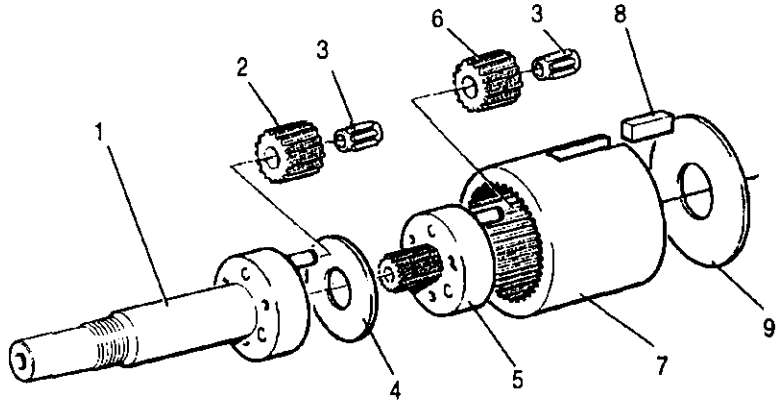
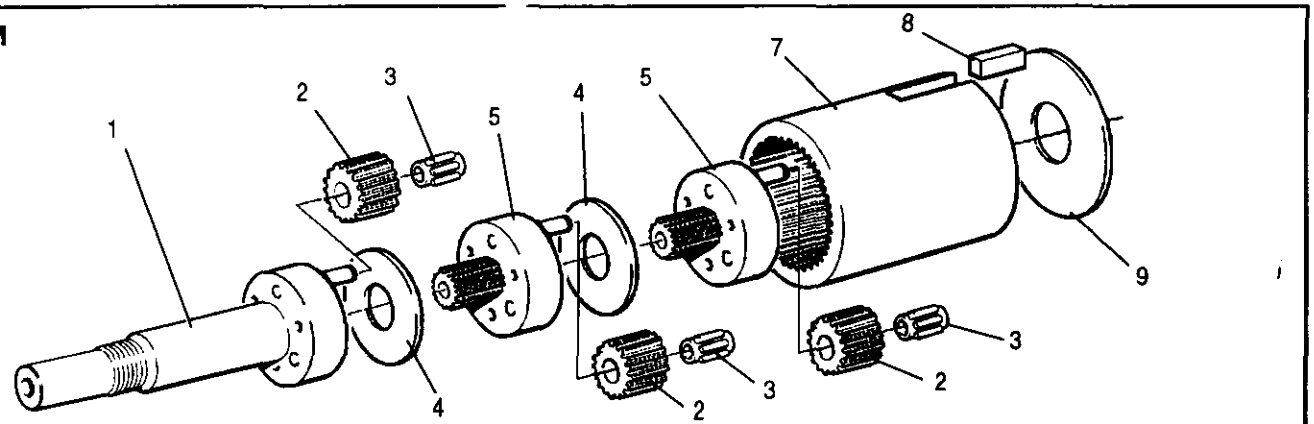
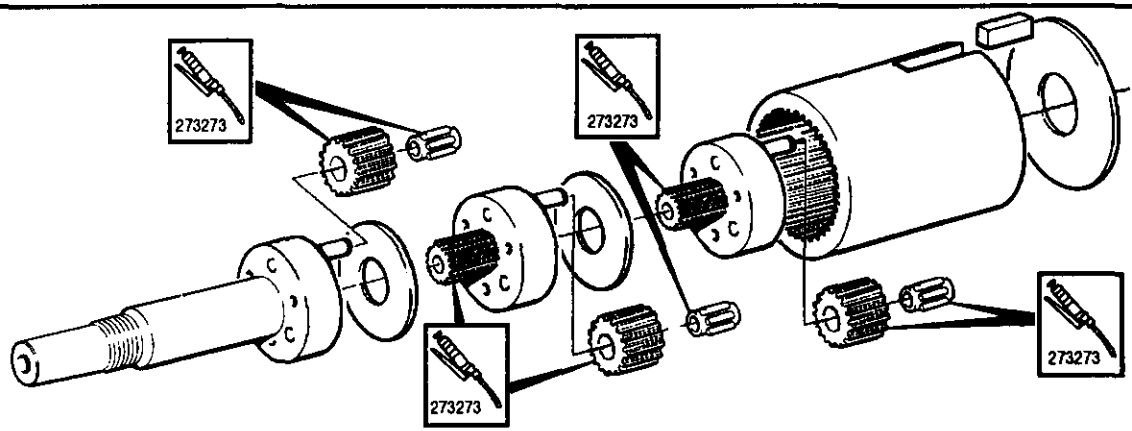
Item Ps. Nr. No. Article	Part No Teil Nr. Référence	Qty Menge Qté
1	286913 (700 RPM)	1
	286933 (250RPM)	1
2	251963 (700RPM)	3
	251403 (250RPM)	9
3	251663 (700RPM)	3
	251673 (250RPM)	9
4	251583 (700RPM)	1
	251483 (250RPM)	2
5	251953 (700RPM)	1
	251433 (250RPM)	2
6	251403 (700RPM)	3
7	251473 (700RPM)	1
	277043 (250RPM)	1
8	251993	1
9	251373	1

700 RPM



250 RPM





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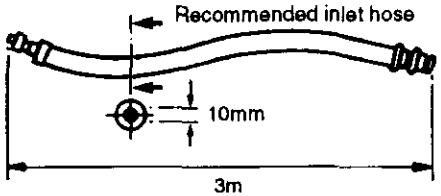
STATEMENT OF USE

This tool is designed to be incorporated into a fixed or moving machine and should be mounted on its outer diameter.
It is normally for right hand rotation but can be reversed upon operation of the spring loaded button.
The risk of the motors being a source of ignition of a potentially explosive atmosphere is extremely small.
The user is responsible for assessing the risks associated with the whole machine into which the tool is incorporated.

GENERAL



Lubrication

Correct lubrication is vital for the maximum performance of the tool and an airline lubricator should be fitted in the system down line of the filter. Use ISO VG 15 in lubricator set to provide 58 drops per minute.

158733 = Molycote PG75
208893 = Rocol M204G
273273 = BP Q5618
273283 = BP FG00EP
27662 = ISO VG 15

DATA

Maximum air pressure Pmax = 6.3 bar
Minimum air pressure Pmin = 2.0 bar
Sound Pressure Level (dBA) = 76 ± 2 re. CAGI-PNEUROP Test code
Vibration Level (m/sec^2) = < 2.5 re. ISO 8662

Weight
2F16L-750 = 1.7 kg
2F16L-250 = 1.8 kg

Accessories

A wide range of accessories are available and a suitable item should be selected from the relevant Desoutter Catalogue.

OPERATING

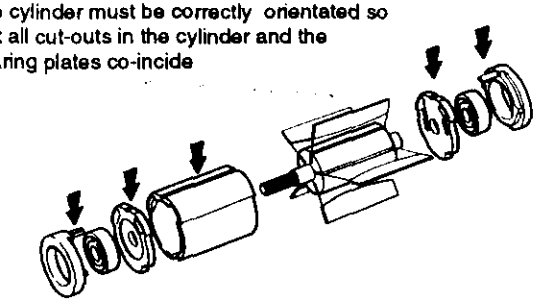
1. Under no circumstances should the tool be used in the hands. The tool MUST be mounted on a toolstand.
2. The tools are fitted with a progressive throttle action. This allows for a low speed with a small throttle opening, ideal when commencing or completing an operation.
3. To reverse rotation quickly, whilst the motor is running, operate the reverse button briskly. It is unnecessary to cut the power to the motor before reversing.
   Trials are recommended before commencing work.
4. The spring loaded reverse button, once depressed, may be locked in position by rotating the reverse button.
5. Take precautions to avoid stalling the tool in tapered holes or swarf jamming in blind holes.
6. Use a depth guide or indicator.
7. Use the correct pilot hole size.
8. Always use a sharp cutting tool at the correct speed.

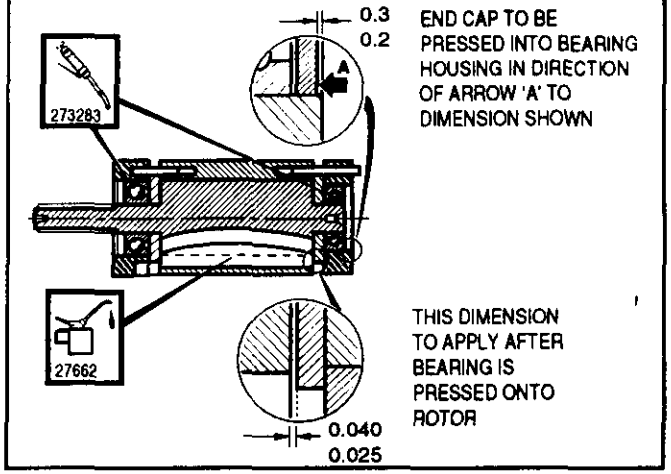
MAINTENANCE INSTRUCTIONS

1. Service should be carried out at intervals of 1000 hours' use.
2. All torque figures ± 10%.
3. Replace as necessary all 'O' rings, bearings and rotor blades. See service kits.
4. When disposing of components, lubricants, etc ... ensure that the relevant safety procedures are carried out.
5. ⟲ Indicates direction of dismantling.
6. Torque values stated are for assembly.

CYLINDER ORIENTATION

The cylinder must be correctly orientated so that all cut-outs in the cylinder and the bearing plates co-incide





WARNING

BEFORE OPERATING THIS TOOL, READ AND UNDERSTAND PNEUMATIC DRILL & TAPPER SAFETY INSTRUCTIONS PART NO. 354343

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