



Open drive kit, motor, coupling, coupling housing, and belt drive component summary

Open drive SCREW compressors

Compressor series	OS.53	OS.53	OS.53	OS.74	OS.74	OS.74	OS.74	OS.85	OS.85	OS.85	OS.85	OS.85	OS.85	OS.95	OS.95	OS.95
Compressor shaft dia.	34 mm	34 mm	34 mm	48 mm	48 mm	48 mm	48 mm	48 mm	48 mm	48 mm	48 mm	48 mm	48 mm	65 mm	65 mm	65 mm
Direct drive application kit / motor selection																
NEMA frame size	284-286TSC	324-326TSC	364-365TSC	284-286TSC	324-326TSC	364-365TSC	404-405TSC	324-326TSC	364-365TSC	404-405TSC	444-445TSC	445-447TSC	447-449TSC	444-445TSC	445-447TSC	447-449TSC
Motor HP - ODP/IP23	30-40	50-60	75-100	30-40	50-60	75-100	125-150	50-60	75-100	125-150	200-300	-	350-600	200-300	-	350-600
Motor HP - TEFC/IP55	25-30	40-50	60-75	25-30	40-50	60-75	100	40-50	60-75	100	125-150	200-250	300-350	125-150	200-250	300-350
Motor shaft dia (in)	1-5/8"	1-7/8"	1-7/8"	1-5/8"	1-7/8"	1-7/8"	2-1/8"	1-7/8"	1-7/8"	1-7/8"	2-1/8"	2-3/8"	2-3/8"	2-3/8"	2-3/8"	2-3/8"
Motor speed at 60 Hz	3600	3600	3600	3600	3600	3600	3600	3600	3600	3600	3600	3600	3600	3600	3600	3600
Direct drive kit	A810-6918-01	A810-6918-03	A810-6918-03	A810-6920-02	A810-6920-01	A810-6920-03	A810-6920-04	A810-6920-09	A810-6920-06	A810-6920-05	A810-6920-07	A810-6920-07	A810-6920-07	A810-6920-08	A810-6920-08	A810-6920-08
Components included in direct drive kit																
Coupling housing	M201-6912-40	M201-6912-40	M201-6912-40	C1000765	M201-6912-50	M201-6912-50	M201-6912-60	M201-6912-50	M201-6912-60	M201-6912-60	M201-6912-70	M201-6912-70	M201-6912-70	M201-6912-70	M201-6912-70	M201-6912-70
Machined coupling	M106-1620-00	M106-1620-10	M106-1620-10	M106-1720-05	M106-1720-10	M106-1730-10	M106-1730-12	M106-1810-02	M106-1810-02	M106-1800-00	M106-1810-00	M106-1810-00	M106-1810-00	M106-1810-00	M106-1820-00	M106-1820-00
<i>(Pilot bore coupling)</i>	442013-00	442013-00	442013-00	442014-00	442013-00	442014-00	442022-00	442024-00	442024-00	442024-00	442024-00	442024-00	442024-00	442024-00	442058-01	442058-01
Bitzer coupling type	KS 620	KS 620	KS 620	KS 720	KS 720	KS 730	KS 730	KS 800	KS 800	KS 800	KS 800	KS 800	KS 800	KS 900	KS 900	KS 900
Housing guard	C1000881	C1000881	C1000881	C1000881	C1000881	C1000881	C1000885	C1000881	C1000885	C1000885	C1000889	C1000889	C1000889	C1000889	C1000889	C1000889
# of Buffers & Threaded	9	9	9	9	9	10	10	10	10	10	10	10	10	12	12	12

Open drive RECIPROCATING compressors

Compressor series	2T.2-2N.2*	2T.2-2N.2*	4T/P.N.2*	4T/P.N.2*	4/6/H/G/F.2*	4/6/H/G/F.2*	4/6/H/G/F.2*	4/6/H/G/F.2*
Compressor shaft dia.	32 mm	32 mm	42 mm	42 mm	Tapered	Tapered	Tapered	Tapered
Belt drive application components								
Comp. pulley (8" Dia)	126-2280-30		126-3308-30			126-1508-30		
Compressor bushing	127-0300-01		127-0300-03			127-1099-00A		
Direct drive application kit / motor selection								
NEMA frame size	182-184TC	213-215TC	213-215TC	254-256TC	254-256TC	284-286TC	324-326TC	364-365TC
Motor HP - ODP/IP23	3 & 5	7.5 & 10	7.5 & 10	15 & 20	15 & 20	25 & 30	40 & 50	60-75
Motor HP - TEFC/IP55	3 & 5	7.5 & 10	7.5 & 10	15 & 20	15 & 20	25 & 30	40 & 50	60-75
Motor shaft dia (in)	1-1/8"	1-3/8"	1-3/8"	1-5/8"	1-5/8"	1-7/8"	2-1/8"	2-3/8"
Motor speed at 60 Hz	1800	1800	1800	1800	1800	1800	1800	1800
Direct drive kit	125-1101-09	125-1101-11	125-1102-11	125-1102-13	125-1103-13	125-1103-15	125-1103-17	125-1103-19
Components included in direct drive kit								
Coupling housing	997-0300-10	997-0300-10	997-0300-20	997-0300-20	997-0300-35	997-0300-30	997-0300-30	997-0300-55
Housing guard	C1000918	C1000918	997-0310-20	997-0310-20	997-0310-20	997-0310-30	997-0310-30	997-0310-30
Machined coupling	(125-9809-00)	125-1234-11	125-1242-11	125-1242-13	125-1430-13	125-1430-15	125-1430-17	125-1430-19
<i>(Pilot bore coupling)</i>	442007-00	442007-00	442016-00	442016-00	442021-00	442021-00	442021-00	442021-00
Bitzer coupling type	KK 211	KK 211	KK 420	KK 420	KK 630	KK 630	KK 630	KK 630

Coupling spare parts

Coupling style	9 piece	10 piece	12 piece
Threaded bolt kit	315104-02	315104-03	315104-04
Grommet kit (buffers)	375080-01	375080-02	375027-04



Notes:
 * - ammonia versions of the compressors use the same kits and components
 (#.#) - additional part number required, contact application engineering
 All coupling housings are designed for C-face/-flange motors, indicated by "TC"
 "S" in "TSC" indicates shorter shaft for motor, this applies to screw compressors only
 ODP motor = Open drip proof (IP 23 enclosure)
 TEFC motor = Totally enclosed fan cooled motor (IP 55 enclosure)

Example of Components in the OS Open Drive Coupling Kit (A810-6920-05 Shown)

Motor Side Compressor Side Side View

M106-1800-00 Machined Coupling
 KS800 2-1/8" Motor Bore

(8) M16x2 Nuts C1000811
 (4) M16x2x3" Studs C1000812

(4) 1/4x20x3/4" Screw
 (4) Washers
 (4) Set Screw 3/8"-16x3/8"

C1000885 Housing Guards