

DESCRIPTION

CHARACTERISTICS

- ☐ Pneumatically applied - spring release
- ☐ 1, 2, 3 or 4 disc design
- ☐ For dry use only

UTILISATION

- ☐ Shaft-to-shaft mounting
- ☐ Through-shaft mounting

TYPICAL USES

- ☐ General drive applications
- ☐ Soft-start of High Inertia drives

MOUNTING PRECAUTIONS

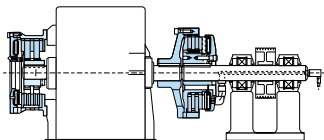
- ☐ Input and output halves of clutch must be individually supported
- ☐ Designed for horizontal shaft axis. Consult Wichita if vertical mounting is required

SAFETY

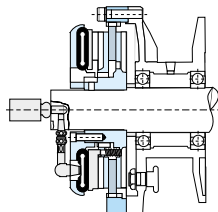
- ☐ The clutch should be suitably guarded when in use

Mounting examples / Einbaubeispiele

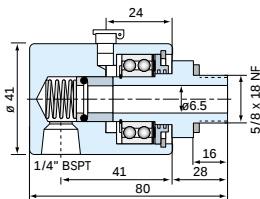
Shaft to shaft mount



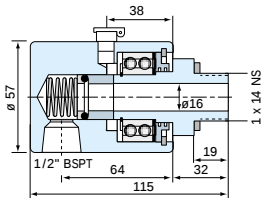
Winch Drive



1/4" Roto Coupling 40067-720



1/2" Roto Coupling 40067-750



AIR SETS

The airtube inlets (spuds) are connected to the machine shaft by these hoses. The shaft must be drilled and tapped for these hoses and for the roto coupling in the end of the shaft.

For cycling duties and faster response, silenced quick exhaust valves (SQEV's) should be used. Where noise is not a problem quick exhaust valves without silencers (QEV's) can be used instead.

Where fast response is not a requirement, then elbows are supplied instead of SQEV's. At low RPM and slow response speeds the number of hoses can be reduced to one up to size 327 and two on larger sizes. At higher speeds it is necessary to use the full complement of hoses to keep the assembly in balance.

Model Modell	Response Anspreche	# Hoses # Schläuche	Roto p/n Rotoanbaueinheit T-nr.
SV 106	Slow / Langsam	1	40067-720
SV 108 -	Fast / Schnell	2	40067-720
SV 211	Slow / Langsam	1	40067-720
SV 211 -	Fast / Schnell	2	40067-750
SV 114 -	Slow / Langsam	1	40067-720
SV 316	Fast / Schnell	2	40067-750
SV 318 -	Slow / Langsam	1	40067-750
SV 327	Fast / Schnell	3	40067-750
SV 130H -	Slow / Langsam	2	40067-750
SV 348	Fast / Schnell	4	24281-040

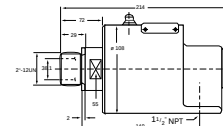
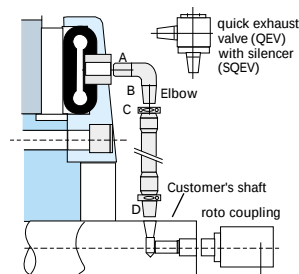
Air set coding example Beispiel für Luftsatzbezeichnung		Air set No. Luftsatz Nr.	
Qty of air connections Anzahl der Luftanschlüsse	Qty of fittings Anzahl der Armaturen	Qty of hoses Anzahl der Schläuche	Approx hose length (*) ca. Schlauchlänge (*)
3	1	1	- 19 -

RE

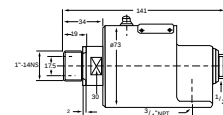
- R = roto / Drehkupplung
- E = elbows / Krümmer
- Q = QEV / Schnellentlüftungsventil
- SQ = silenced QEV / Schallgedämpftes Schnellentlüftungsventil

Thread sizes

Threads A and D are 1/2" NPT which is compatible with 1/2" BSPT. Threads B and C are 7/8" SAE for hose swivel fitting. Dimension E is 25 mm minimum - 45 mm maximum. Check assembly drawing for position of shaft holes relative to keyway. Shaft hole size should equal Roto Coupling bore.

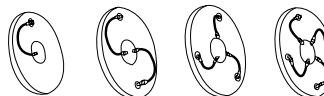


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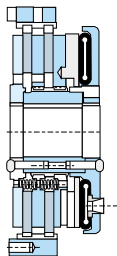


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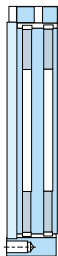
MTY (81) 83 54 10 18
 ventas@industrialmagza.com
 MEX (55) 53 63 23 31
 QRO (442) 1 95 72 60
INDUSTRIAL MAGAZA
 DIST. AUTORIZADO



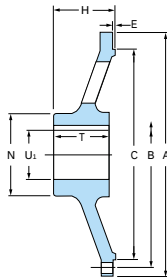
Performance



Total Unit
Gesamte Einheit



External Parts
Äußerung mit Reibschleiben



Standard adaptor
Antriebsring

Model Modell	Dynamic slip torque Dynamisches Gleitmoment		Max speed / Drehzahl		Weights and Inertia / Gewichte und Trägheit				Standard adaptor Antriebsring		Airbrake displacement Balgvolumen	
	@ 55 bar (Nm ¹)	@ 8.5 bar (Nm ¹)	Performance / Leistung		Total clutch Gesamtkupplung		External parts Außenring mit Reibschleiben				new neu (cm ³)	worm würm (cm ³)
			Standard Normal (min ¹)	High hoch (min ¹)	Weight Gewicht (kg)	Inertia Trägheit (kgm ²)	Weight Gewicht (kg)	Inertia Trägheit (kgm ²)	Weight Gewicht (kg)	Inertia Trägheit (kgm ²)		
SV 106	340	525	1800	2600	9	0,05	2,5	0,025			30	195
SV 108	620	960			16	0,103	3,6	0,05				
SV 208	1240	1920	1750	2500	26	0,155	8	0,074			55	300
SV 111	1400	2170			30	0,458	8,6	0,21				
SV 211	2800	4340	1400	2200	49	0,715	16	0,14	19	0,3	90	500
SV 114	2435	3765			68	1,55	15	0,575				
SV 214	4870	7430	1200	2000	93	1,98	26	0,985	35	0,775	125	700
SV 314	7035	11295			118		37					
SV 116	3360	5190			85	2,53	19	0,945				
SV 216	6720	10380	1200	2000	124	3,65	41	1,93	43	0,863	160	920
SV 316	10080	15570			165	4,85	60	2,90				
SV 118	5705	8815			125	3,93	21	1,35				
SV 218	11410	17630	1000	1750	176	6,15	42	2,7	72	1,7	250	1400
SV 318	17115	26445			228	8,43	66	4,1				
SV 121	7755	11995			184	71	32	2,55				
SV 221	15510	23970	900	1400	260	11,2	62	5	100	2,5	300	1600
SV 321	23265	35955			360	16,3	100	7,43				
SV 124H	13575	20980			244	14,6	41	4,15				
SV 224H	27150	41960	700	1100	343	24,2	82	8,2	109	3,08	490	2600
SV 324H	40725	62945			470	27,9	130	13,3				
SV 127	15260	23585			306	20,9	42	5,63				
SV 227	30520	47170	700	1100	420	29,5	84	10,1	170	10	400	2600
SV 327	45780	70755			540	39	132	15,8				
SV 130H	29630	45795			420	38,3	68	10,2				
SV 230H	59260	91590	600	1000	624	55,4	130	19,6	270	19,5	960	5100
SV 330H	88890	137385			860	80	254	39,8				
SV 136	44920	69425			725	88,6	105	22,9				
SV 236	89840	138850	560	800	975	122	175	37,3	400	50	1800	6800
SV 336	134760	208275			1218	141	285	41,3				
SV 142	64160	99160										
SV 242	128320	198320	460	690	1190	230	266	83,5	520	112,5	2100	8000
SV 342	192480	297480			1620	316	487	138				
SV 248	237600	367200	400	600	2152	495	445	171				
SV 348	356400	550800			3500	775	520	420	900	132,5	3550	13500
SV 260	474000	731000			3150	1013	592	325				
SV 360	709000	1094000			4850	1450	570	355				
SV 460	946000	1462000	340	475	4850						8400	29300