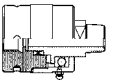
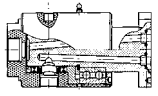
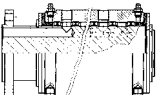
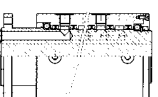
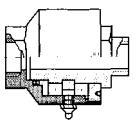
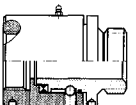
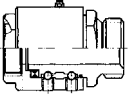
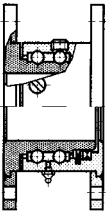
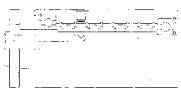
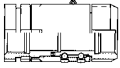
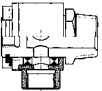
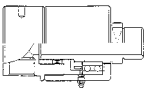


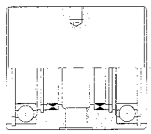
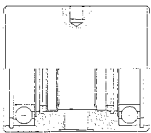
Overview Rotary Joints (Selection)

picture	product group	type	max. pressure (bar)	max. speed (1/min.)	media	channels	pipe size	operating temperature (°C)	application
	ROTOPACK	800SR	350	20	vacuum, oil, air, chemicals, water	1	7 - 73 mm	80 resp. 160	<ul style="list-style-type: none"> high pressure pipe end pieces spray pistols for paint winding apparatus
	ROTOPACK	1600B	200	1500	gas, air, oil, water	2	3.2 - 18 mm	80 resp. 160	<ul style="list-style-type: none"> hydraulic clutches transfer of 2 media to a rotating shaft
	ROTOPACK	MC	400	20	gas, air, oil, water	2-8	6 - 31 mm	80 resp. 160	<ul style="list-style-type: none"> indexing machines rotating tables
	ROTOPACK	MCR	400	200	vacuum, oil, air, chemicals, water	2-10	6 - 25 mm	80 resp. 160	<ul style="list-style-type: none"> indexing machines rotating tables
	ROTOPACK	10	400	800	air, vacuum, oil, water	1	7 - 46 mm	80 resp. 160	<ul style="list-style-type: none"> application to oscillating or rotating machine elements winding apparatus supply of grease and oil clutches rotating tables
	ROTOPACK	1000	50	20	vacuum, oil, air, chemicals, water	1	7 - 75 mm	80 resp. 160	<ul style="list-style-type: none"> end pieces on flexible tubes for filling tasks winding apparatus

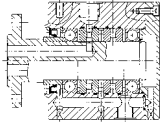
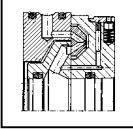
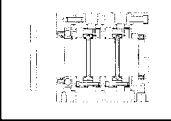
Overview Rotary Joints (Selection)

picture	product group	type	max. pressure (bar)	max. speed (1/min.)	media	channels	pipe size	operating temperature (°C)	application
	ROTOPACK	1000-2	50	20	vacuum, oil, air, chemicals, water	1	7 - 75 mm	80 resp. 160	<ul style="list-style-type: none"> • end pieces on flexible tubes for filling tasks • winding apparatus • installations for cleaning
	ROTOPACK	41	20	20	steam, oil, gas, all liquids	1	48 - 150 mm	-50 up to +200	<ul style="list-style-type: none"> • installations for filling storage basins • filling installations for chemical industry
	ROTOPACK	MCVR	12	500	gas, air, oil, water	2 - 4	6 - 10 mm	< 120	<ul style="list-style-type: none"> • indexing machines • rotating tables • supply to hose reel
	ROTOPACK	1100	50	hinge	water, oil, chemicals	1	38 - 150 mm	up to 200	<ul style="list-style-type: none"> • hinge on filling arms
	ROTOPACK	1200SR2	350	hinge	gas, air, oil, water, chemicals	1	7 - 38 mm	< 80/200	<ul style="list-style-type: none"> • connection of high pressure hydraulic hoses to lift cylinder
	ROTOPACK	600-700	250	< 1'500	oil, air, water	1	5 - 18 mm	< 80/200	<ul style="list-style-type: none"> • hydraulically operated clutches

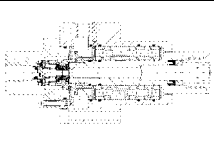

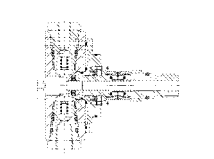
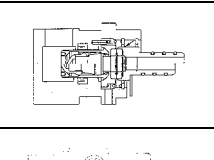
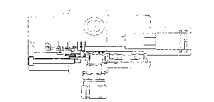
Overview Rotary Joints (Selection)

picture	product group	type	max. pressure (bar)	max. speed (1/min.)	media	channels	pipe size	operating temperature (°C)	application
	ROTOPACK	BAT R	200	< 20	gas, air, oil, water	1	20 - 100 mm	< 80/200	<ul style="list-style-type: none"> radial transfer to rotating shafts
	ROTOPACK	BAT.RVR	12	< 3000	gas, air, oil, water	1	20 - 100 mm	< 80/200	<ul style="list-style-type: none"> radial transfer to rotating shafts

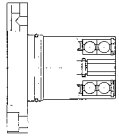

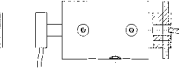
Overview Rotary Joints (Selection)

picture	product group	type	max. pressure (bar)	max. speed (1/min.)	media	channels	pipe size	operating temperature (°C)	application
	ROTOSTAT	E	210/ 350	up to 15'000 according size	oil, air others on demand	1 -4	3.5 - 20 mm	< 120	<ul style="list-style-type: none"> operating of hydraulic tools control of winding apparatus
	ROTOSTAT	N Element	min. 5 max. 200	1'850 - 15'000 according size	NX hydraulic oil NW coolant			< 80	<ul style="list-style-type: none"> centrifuge high speed, high pressure
	ROTOSTAT	A available as element only	min. 3 max. 80	according size up to 30'000	AX hydraulic oil AW coolant AL air	3 - 8 subject to size	6 up to 16 mm	< 80	<ul style="list-style-type: none"> transfer of oil and coolant clamping of paper cutting knives tensioning of hasp adjustment of propellers operating of clamping chuck hydraulic clutches

Overview Rotary Joints (Selection)

picture	product group	type	max. pressure (bar)	max. speed (1/min.)	media	channels	pipe size	operating temperature (°C)	application
	ROTODISK	S2	80	15'000	coolant, air, mineral oil	1	8 mm	< 80	<ul style="list-style-type: none"> delivery of coolant to tool machine spindles
	ROTODISK	S1	80 (200)	up to 42'000	coolant, oil air	1	6 mm	< 80	<ul style="list-style-type: none"> delivery of coolant to tool machine spindles Available as "all-rounder" for all media; air, coolant, internal minimal cooling application
	ROTODISK kit	S1	80	up to 42'000	coolant, oil air	1	6 mm	< 80	<ul style="list-style-type: none"> delivery of coolant to tool machine spindles. adapter kit
	ROTODISK Cartridge-Element	S	80 20	up to 30'000*	coolant, oil air	1	6/8 mm	< 80	<ul style="list-style-type: none"> delivery of coolant to tool machine spindles * according model
	ROTODISK	S	80 (120) 20	up to 42'000*	coolant, oil air	1	6 - 10 mm	< 80	<ul style="list-style-type: none"> delivery of coolant to tool machine spindles * according model

Overview Rotary Joints (Selection)

picture	product group	type	max. pressure (bar)	max. speed (1/min.)	media	channels	pipe size	operating temperature (°C)	application
	ROTODISK	S1	80	8'000	coolant, air, mineral oil	1	7.5 mm	< 80	<ul style="list-style-type: none"> • delivery of coolant to tool machine spindles in case of limited space. • with gliding surface for clamping piston
	ROTODISK	SW	70	6000	coolant, air, mineral oil	1	element bore size 25 to 65 mm	< 80	<ul style="list-style-type: none"> • radial transfer to rotating shafts • multi head drilling apparatus • one element per channel
	combination with el. rotary joint	diverse	**	**	gas, air, oil, water, chemicals	**	**	**	<ul style="list-style-type: none"> • ** according customer specifications