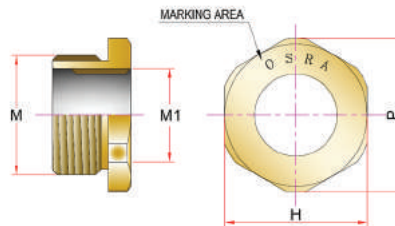




OSRA



Application : Reducer

- Provides a means of thread conversion

Design Specification	BS 6121, IEC 62444, EN 50262
Compliance Standard	IEC/EN 60079-0, 1, 7, 31
ATEX Certification	Presafe 17 ATEX 7985X
IECEX Certification	IECEX PRE 15.0019X
KCs Certification	15-AV2BO-0147~9, 19-AV2BO-0501~3X
TR CU Certification	RU C - KR.AA87.B.00251/19
PESO Certification	P465223
CCC Certification	2020332313000816
Code of Protection	II2G Ex db IIC Gb, Ex eb IIC Gb, II2D Ex tb IIIC Db
Operating Temperature	-60 ° C ~ 110 ° C
Regulation	Zone 1, 2 & 21, 22, Gas Group IIA, IIB, IIC, Dust Group IIIA, IIIB, IIIC
Ingress Protection (Metric) (NPT)	IP 66 / 68 (request in advance if IP68 required) NPT tapered hole : IP66 IP68 (apply non-hardensng grease) Clearance hole : IP66/68 (using IP Washer)
Gland Material	Nickel plated brass (standard), Brass (only), Stainless steel (316L)
Gasket (washer)	Nylon (Standard), PTFE-Teflon (Option)
Accessories (optional)	Lock nut, Sealing washer

• The standard applied to KCS is Korean industrial standard created by translating IEC international standards without changing the technical content and standard format.

Order Example

Part No.	Thread	Material	Accessories
OSRA 21	M25 X M20	Nickel plated brass	Lock nut, Sealing washer

• Part No Example : OSRA20(OSRA, M25 x M16) => Please refer to the below table

• Other than IECEx, ATEX and KCs marking, the marking requirement must be informed when ordered.

OSRA		Female thread size(M1)																					
		METRIC										NPT/PF											
		M16	M20	M25	M32	M40	M50	M63	M75	M90	M100	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"	
Metric	M16																						
	M20	10												100									
	M25	20	21											200	201								
	M32	30	31	32										300	301	302							
	M40	40	41	42	43									400	401	402	403						
	M50	50	51	52	53	54								500	501	502	503	504					
	M63	60	61	62	63	64	65							600	601	602	603	604	605				
	M75		71	72	73	74	75	76							701	702	703	704	705	706			
	M90			82	83	84	85	86	87							802	803	804	805	806	807		
	M100				93	94	95	96	97	98							903	904	905	906	907	908	
NPT/PF	3/8"																						
	1/2"	010												0100									
	3/4"	020	021											0200	0201								
	1"	030	031	032										0300	0301	0302							
	1-1/4"	040	041	042	043									0400	0401	0402	0403						
	1-1/2"	050	051	052	053	054								0500	0501	0502	0503	0504					
	2"	060	061	062	063	064	065							0600	0601	0602	0603	0604	0605				
	2-1/2"		071	072	073	074	075	076							0701	0702	0703	0704	0705	0706			
	3"			082	083	084	085	086	087							0802	0803	0804	0805	0806	0807		
	3-1/2"				093	094	095	096	097	098							0903	0904	0905	0906	0907	0908	
4"					104	105	106	107	108	109							1004	1005	1006	1007	1008	1009	